

Syllabus for

Ability Enhancement Compulsory Course (AECC – Environment Studies)(2 credit) for under graduate

(For All Faculties - Second Year - Semester III)

It is as per UGC guidelines and framing -

Unit 1 : Introduction to environmental studies

- Multidisciplinary nature of environmental studies;
- Scope and importance; Concept of sustainability and sustainable development.

(2 lectures)

Unit 2 : Ecosystems

• What is an ecosystem? Structure and function of ecosystem ; Energy flow in an ecosystem : food chains, food webs and ecological succession. Case studies of the following ecosystems :

- a) Forest ecosystem
- b) Grassland ecosystem
- c) Desert ecosystem
- d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(8 lectures)

Unit 3 : Natural Resources : Renewable and Non-renewable Resources

- Land resources and land use change; Land degradation, soil erosion and desertification.
- Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water : Use and over-exploitation of surface and ground water, floods, droughts conflicts over water (international & inter-state).
- Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

(10 lectures)

Unit 4 : Biodiversity and Conservation

- Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots
- India as a mega-biodiversity nation; Endangered and endemic species of India
- Threats to biodiversity : Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.
- Ecosystem and biodiversity services : Ecological, economic, social, ethical, aesthetic and Informational value.

(10 lectures)

References :

1. Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.
2. Gadgil, M., & Guha, R. 1993. This Fissured Land: An Ecological History of India. Univ. of California Press.

Syllabus for

Ability Enhancement Compulsory Course (AECC – Environment Studies)(2 credit) for under graduate

(For All Faculties - Second Year - Semester IV)

It is as per UGC guidelines and framing -

Unit 5 : Environmental Pollution

- Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution
- Nuclear hazards and human health risks
- Solid waste management : Control measures of urban and industrial waste.
- Pollution case studies.

(10 lectures)

Unit 6 : Environmental Policies & Practices

- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

(9 lectures)

Unit 7 : Human Communities and the Environment

- Human population growth: Impacts on environment, human health and welfare.
- Resettlement and rehabilitation of project affected persons; case studies.
- Disaster management : floods, earthquake, cyclones and landslides.
- Environmental movements : Chipko, Silent valley, Bishnois of Rajasthan.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies (e.g. CNG vehicles in Delhi).

(6 lectures)

Unit 8 : Field work

- Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.



Savitribai Phule Pune University

(Formerly University of Pune)

Three Year B.Sc. Degree Program in Geography

(Faculty of Science & Technology)

F.Y.B.A. (Geography)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2019-2020

Title of the Course: B.A. (Geography)

Preamble for the Syllabus:

Savitribai Phule Pune University has decided to change the syllabi of various faculties from June, 2019. Taking into consideration the rapid changes in arts & Humanities across different areas of Geography and related subjects board of studies in Geography with concern of teachers of Geography from different colleges affiliated to Savitribai Phule Pune University has prepared the syllabus of F.Y.B.A. Geography. To develop the syllabus the U.G.C. Model curriculum is followed.

Preamble: This paper intends to acquaint the students with various dimensions of Physical Geography, and its challenges. The students of Geography, F.Y.B. A. should understand the current issues in Physical geography. Specifically Physical geography focused on Lithosphere, Fluvial Cycle, Atmosphere, Hydrosphere.

Objectives:

- I. To introduce the students to the basic concepts in Physical geography.
- II. To introduce latest concept in Physical geography
- III. To acquaint the students with the utility and application of Physical geography in different regions and environment.
- IV. IV. To make the students aware about Earth system (Lithosphere, Atmosphere, Biosphere and Hydrosphere)

Course Outcome:

Upon successful completion of this course, the student will be able to:

- i) The geographical maturity of students in their current and future courses shall develop.
- ii) The student develops theoretical, applied and computational skills.

Course Structure**F. Y. B. A. GEOGRAPHY**

Sr. No.	Semester	Course No	Name of the Course	Category
1	Semester I	Gg- 110 (A)	Physical Geography	Geography DSE - 1
2	Semester – II	Gg- 110 (B)	Human Geography	Geography DSE - 2

S. Y. B. A. GEOGRAPHY

Paper Code	Semester	Paper	Subject
Gg: 210(A)	III	G2	Environmental Geography I OR Economic Geography -I
Gg: 220(A)	III	S1	Geography of Maharashtra - I OR Population Geography – I
Gg: 201(A)	III	S2	Practical Geography – I (Scale and Map Projections)
Gg: 210(B)	IV	G2	Environmental Geography II OR Economic Geography -II
Gg: 220(B)	IV	S1	Geography of Maharashtra - II OR Population Geography – II
Gg: 201(B)	IV	S2	Practical Geography – II (Cartographic Techniques, Surveying and Excursion / Village / Project Report)

T. Y. B. A. GEOGRAPHY

Paper Code	Semester	Paper	Subject
Gg: 310(A)	V	G3	Geography of Disaster Management-I OR Geography of Tourism- I
Gg: 320(A)	V	S3	Geography of India -I OR Geography of rural development -I
Gg: 301(A)	V	S4	Practical Geography – I (Techniques of Spatial Analysis)
Gg: 310(B)	VI	G3	Geography of Disaster Management-II OR Geography of Tourism -II
Gg: 320(B)	VI	S3	Geography of India -II OR Geography of rural development -II
Gg: 301(B)	VI	S4	Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report)

Equivalence of Previous syllabus along with new syllabus:

	Old course	New Course
Paper I	Gg-110 Elements of Geomorphology	Gg-110(A) Physical Geography
Paper II		Gg-110(B) Human Geography

Details of Syllabus:

Semester I
Physical Geography

Sr. No	Topic	Sub Topics	Teaching Hours	Total Credits
1.	Introduction to Physical Geography	1) Definitions of Physical Geography 2) Nature and scope of Physical Geography 3) Branches of Physical Geography 4) Introduction about the Earth system (Lithosphere, Atmosphere, Hydrosphere and Biosphere)	12	03
2	Lithosphere	1) Interior of the earth 2) Wegner's Continental Drift Theory 3) Davis Concept of Cycle of erosion	12	
3	Atmosphere	1) Structure of the atmosphere 2) Heat Balance 3) Pressure belts and wind system 4) Forms and types of Precipitation	12	
4	Hydrosphere	1) Hydrological cycle 2) General structure of ocean floor 3) Waves and Tides 4) Field Visit (Not more than one day) for observations geographical places and landforms.	12	

Reference Books

- 1) Clyton K., (1986), Earth Crust, AdusBook, London.
- 2) Davis W. M., (1909), Geographical Essay, Ginnia Co.
- 3) Dayal P., (1996), Text Book of Geomorphology, Shukla Book Depot, Patna.
- 4) Kale V.S. and Gupta A., (2015), Introduction of Geomorphology, University Press, PVT Kolkata.
- 5) Kale V.S. and Gupta A., (2001), Elements of Geomorphology, Oxford Univ. Press.
- Monkhouse, (1951), Principle of Physical Geography, McGraw Hill Pub – New York.
- 6) Pitty A. F., (1974), Introduction to Geomorphology, Methuen London.
- 7) Singh Savindra, (2000), Physical Geography, PrayagPustakBhavan, 20-A, University Road, Allahabad – 211002.
- 8) Steers J. A., (1964), The Unstable Earth Some Recent Views in Geography, Kalyani Publishers, New Delhi.
- 9) Swaroop Shanti, (2006), Physical Geography, King Books, NaiSarak, Delhi –110006.
- 10) Wooldridge S. W. and Morgan R. S., (1959), The Physical Basis of Geography and Outline of Geomorphology, Longman Green and Co. London.
- 11) More, Pagar&Thorat, (2014), Elements of Climatology & Oceanography, (Marathi), Atharv Publication, Pune
- 12) S MUKHERJEE, UNDERSTANDING PHYSICAL GEOGRAPHY, ORIENT BLACKSWAN (PVT)LTD

Semester II**DSE (Discipline Specific Elective) - II Geography**
Human Geography

Sr. No	Topic	Sub Topics	Teaching Hours	Credits
1.	Introduction to Human Geography	1) Definitions of Human Geography 2) Nature and scope of Human Geography 3) Branches and importance of Human Geography	12	03
2	Population	1) Factors affecting on distribution of population 2) Theory of demographic transition 3) Composition of Indian population (Gender and literacy)	12	
3	Settlements	1) Types and pattern of rural Settlements 2) Urbanisation in India 3) Urbanisation in Maharashtra	12	
4	Agriculture	1) Types of Agriculture 2) Factors affecting on Agriculture activity 3) Problems of Indian agriculture	12	

Reference Books

1. Chandna, R.C. (2010) Population Geography, Kalyani Publisher.
2. Hassan, M.I. (2005) Population Geography, Rawat Publications, Jaipur
3. Daniel, P.A. and Hopkinson, M.F. (1989) The Geography of Settlement, Oliver & Boyd, London.
4. Musmade Arjun, Sonawane Amit and Jyotiram More, Population & Settlement Geography, (2015), Diamond Publication Pune.
5. Jyotiram More and Musmade Arjun (2015) Regional Geography of India .Diamond Publication Pune.
6. Johnston R; Gregory D, Pratt G. et al. (2008) The Dictionary of Human Geography, Blackwell Publication.
7. Jordan-Bychkov et al. (2006) The Human Mosaic: A Thematic Introduction to Cultural Geography. W. H. Freeman and Company, New York.
8. Kaushik, S.D. (2010) Manavi Bhugol, Rastogi Publication, Meerut.
9. Maurya, S.D. (2012) Manav Bhugol, Sharda Pustak Bhawan. Allahabad.
10. Sudeeptha Adhikari (2016) Orient Blackswan PVT, New Delhi.
12. Sumitra Ghosh (2015), Introduction of Settlement Geography. Orient Blackswan PVT Kolkata.
13. Ghosh B.N. : Fundamentals of Population Geography
14. Hussin M. : Human Geography 1994
15. Money D.S. : Human Geography

16. Perpillou A.V. : Human Geography, Longman, London- 1986
17. Robinson H. : Human Geography, 1976
18. Mishra & Puri : Indian Economy 2004
19. India- 2008 : Govt. of India
20. Hassan Mohammed I. : Population Geography, 2005
21. Bhende Asha & Kanitkar Tara : Principles of Population studies
22. Perillou A.V. : Human Geography, 1986
23. Singh, R.Y. : Geography of Settlement, 1998
24. Singh, Gopal : Mapwork & Practical Geography, 1999
25. Sawant S.B. Athavale A.S. and Musmade A H, Population Geography, Mehata publishing house, Pune
26. Chandana R.C. : Geography of Population, Kalyani Pub. Ludhiana 1988
- 27) S MUKHERJEE, UNDERSTANDING PHYSICAL GEOGRAPHY, ORIENT BLACKSWAN (PVT) LTD



SavitribaiPhule Pune University

(Formerly University of Pune)

Three Year B.A. and B.Sc. Degree Program in Geography
(Faculty of Science & Technology)

S.Y.B.A. (Geography)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2020-2021

Semester	Core Courses	Paper No	Paper Code	Subject	Total Lecture	Credit
III	Geography CC-1C	G2	Gg: 201(A)	Environmental Geography I OR Economic Geography -I	48	3
	Geography DSE – 1A	S1	Gg: 220(A)	Geography of Maharashtra - I OR Population Geography – I	48	3
	Geography DSE – 2A	S2	Gg: 210(A)	Practical Geography – I (Scale and Map Projections)	60	4
	SEC-I SEC -2A		SEC - A	Introduction to Geographical Information System (GIS) / Applied Course of Disaster Management	30	2
IV	Geography CC-1C	G2	Gg: 201(B)	Environmental Geography II OR Economic Geography -II	48	
	Geography DSE – 1B	S1	Gg: 210(B)	Geography of Maharashtra – II OR Population Geography – II	48	3
	Geography DSE – 2B	S2	Gg: 220(B)	Practical Geography – II (Cartographic Techniques, Surveying and Excursion / Village / Project Report)	60	4
	SEC-I SEC -2B		SEC - B	& Introduction to Remote Sensing / Applied Course of Travel & Tourism	30	2

S. Y. B. A. GEOGRAPHY**Equivalence of Previous syllabus along with new syllabus:**

Pager	Old Course (2013 Annual Pattern)	New Course (2019 Semester Pattern)
G2	Gg-210 Elements of Climatology and Oceanography OR	Gg: 210(A) Environmental Geography I OR
G2	Gg-210 Geography of Disaster Management	Gg: 210(A) Economic Geography -I Gg: 210(B) Environmental Geography II OR Gg: 210(B) Economic Geography -II
S1	Gg-220 Economic Geography OR	Gg: 220(A) Geography of Maharashtra - I OR
S1	Gg-220 Tourism Geography	Gg: 220(A) Population Geography – I Gg: 220(B) Geography of Maharashtra – II OR Gg: 220(B) Population Geography – II
S2	Gg-201 Fundamentals of Geographical Analysis	Gg: 201(A) Practical Geography – I (Scale and Map Projections)
S2		Gg: 201(B) Practical Geography – II (Cartographic Techniques, Surveying and Excursion / Village / Project Report)

S.Y.B.A. Geography (G2) Syllabus for Semester III**Name of Subject: Environment Geography- I, Subject Code: Gg.210 (A)****Objectives:**

1. To create the awareness about dynamic environment among the student.
2. To acquaint the students with fundamental concepts of environment geography for development in different areas.
3. The students should be able to integrate various factors of Environment and dynamic aspect of Environmental geography.
4. To make aware the students about the problems of environment, their utilization and conservation in the view of sustainable development

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Introduction to Environmental Geography	1. Definition, Nature and scope of Environmental Geography. 2. Types of Environment 3. Importance of Environmental Geography 4. Approaches to study of environmental Geography	12	03
2	Ecosystem	1. Meaning, concept and definition of ecosystem. 2. Structure (Biotic and Abiotic factors) and food chain, Tropic Level, food web, energy flow	12	

		3. Types of ecosystem a) Equatorial Forest and b) Pond Ecosystem		
3	Biodiversity and its conservation	1. Concept of biodiversity 2. Economic value and potential of biodiversity 3. Loss of biodiversity and hotspots in India 4. Conservation of biodiversity	12	
4	Environmental Pollution	1. Concept of Pollution 2. Air pollution-Causes, effects and control measures 3. Water pollution-Causes, effects and control measures 4. Soil pollution-Causes, effects and control measures	12	

Reference Book:

1. Miller G.T., 2004, Environmental Science Working with the Earth, Thomson Books Cole, Singapore
2. Saxena H.M., 2017, Environmental Geography(Ed III), Rawat Publications, Jaipur
3. Odum E.P. et al.2005, Fundamentals of Ecology, Cengage Learning, India
4. Sharma P.D.2015, Ecology and Environment, Rastogi Publications, Meerut
5. Kormondy, Edward J, 2012, Concept of Ecology, PHI Learning Pvt.Ltd, New Delhi
6. Singh R.B.(Eds) 2009, Biogeography and Biodiversity, Rawat Publications, Jaipur
7. Singh S, Prayag, 1997, Environment Geography, Pustak Bhawan, Allahabad
8. Chandana R.C.2002, Environmental Geography, Kalyani Publication, Ludhiana
9. Goudie A, 2001, The Nature of The Environment, Blackwell, Oxford
10. Gholap T. N., 2000, Environment Science, Nishikant Publications, Pune. (Marathi)
11. Choudhar A.H., & et. al., 2014, Disaster Management, Atharva Publication, Pune. (Marathi)
12. Musmade A. H., More J. C. 2014, Geography of Disaster Management, Diamond Publication, Pune. (Marathi)
13. Saptarshi P. G., More J. C., Ugale V. R., 2009, Geography and Natural Hazards, Diamond Publishing, Pune. (Marathi)

S.Y.B.A. Geography (G2) Syllabus for Semester IV**Name of Subject: Environment Geography- II, Subject Code: Gg.210 (B)****Objectives:**

1. To create awareness about dynamic environment among the students.
2. To acquaint students with the fundamental concepts of Environment Geography.
3. To acquaint students about the past, presents and future utility and potentials of natural resources.
4. To make aware students about the problems of environment, its utilization and conservation in the view of sustainable development.

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Environmental Disaster	1. Meaning and concepts of environmental disaster 2. Classification of Disaster 3. Natural Disaster a) Earthquake b) Flood 4. Biological Disaster a) Swine flu b) Novel Corona (COVID-19)	12	03
2	Environmental Problems	1. Global Warming and climate change 2. Ozone Depletion 3. Acid rain 4. Over use of chemical fertilizers, pesticides and insecticides	12	
3	Environmental Planning and Management	1. Need of Planning and Management 2. Micro, macro and meso level Planning and Management with reference to India 3. Environmental impact assessment	12	
4	Environmental Policies	1. Introduction of environmental policies 2. Environmental education in India 3. Kyoto Protocol	12	

Reference Book:

1. Miller G.T., 2004, Environmental Science Working with the Earth, Thomson Books Cole, Singapore
2. Saxena H.M., 2017, Environmental Geography,(III ED) Rawat Publications, Jaipur
3. Odum E.P. et al.2005, Fundamentals of Ecology, Cengage Learning, India
4. Sharma P.D.2015, Ecology and Environment, Rastogi Publications,Meerut
5. Kormondy, Edward J, 2012, Concept of Ecology, PHI Learning Pvt. Ltd, New Delhi
6. Singh R.B.(Eds) 2009, Biogeography and Biodiversity, Rawat Publications, Jaipur
7. Singh S,Prayag, 1997, Environment Geography, Pustak Bhawan, Allahabad
8. Chandana R.C.2002, Environmental Geography, Kalyani Publication, Ludhiana
9. Goudie A, 2001, The Nature of The Environment, Blackwell ,Oxford
10. Gholap T. N., 2000, Environment Science, Nishikant Publications, Pune. (Marathi)
11. Choudhar A.H., & et. al., 2014, Disaster Management, Atharv Publication, Pune. (Marathi)
12. Musmade A. H., More J. C. 2014, Geography of Disaster Management, Diamond Publication, Pune. (Marathi)
13. Saptarshi P. G., More J. C., Ugale V. R., 2009, Geography and Natural Hazards, Diamond Publishing, Pune. (Marathi)

S.Y.B.A. Geography (G2) Syllabus for Semester III**Name of Subject: Economic Geography- I, Subject Code: Gg.210 (A)****Objectives:**

1. To introduce students to the basic principles and concepts of economic geography
2. To acquaint students with the applications to economic geography for development in different areas
3. The students should be able to integrate various factors of economic development and dynamic aspect of economic geography.

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Introduction to Economic Geography	1. Definition, nature and scope of economic geography. 2. Need and significance of economic geography 3. Economic geography and its relation with social sciences 4. Approaches of the study of economic geography	12	03
2	Economic Activity	1. Introduction and concept of economic activity with problems and prospect 2. Primary activity 3. Secondary activity 4. Tertiary activity	12	
3	Concept and classification of resources	1. Concept of resources 2. Renewable energy Resources i. Hydro electricity ii. Solar energy iii. Wind energy 3. Non-renewable Resources i. Coal, ii. Iron ore iii. Mineral oil 4. Conservation of resources	12	
4	Agriculture	1. Role of Agriculture in Indian economy 2. Factors influencing agriculture in India a) Physical b) Socio-economic c) Political and cultural 3. Agro-based industries in India a) Dairy industry b) Cotton industry 4. Agro –Tourism	12	

Reference Books :

1. Gautam A., 2010, Advance Economic Geography, Sharda Pustak Bhavan, Allahabad
2. Chauhan R. N., 2007, Basic Principles of Economic Geography, ABD Publishers, Jaipur
3. Padey P. N., Economic Geography, Nirali Publication ,Pune
4. Sadhukhan S. K., 1994, Economic Geography An Appraisal of Resources, S Chand & Company Ltd ,New Delhi
5. Roy P., Mukherjee S., 1993, Economic Geography: Resource Appraisal of resources- New Central Book Agency, Calcutta
6. Mannur H. G., 2008, International Economics, Vikas Publishing House PvtLtd,Noida
7. Siddharth K., 2003, Economic Geography, Theories, Processes &Patterns, Kisalaya Publications Pvt, Ltd, Noida
8. Husain M., 2008, Geography of India, Tata McGraw Hill, New Delhi
9. Bhat L. S., 1973, Regional Planning in India, Statistical Publishing Society, Kolkata
10. Desai V,1991, Fundamentals of Rural Development, Rawat Publications, New Delhi
11. Paranjape, Gupte, Karmarkar, 1974, Economic & Commercial Geography, Nirali Publication, Pune.
12. More J. C., 2014, Geography & Agriculture For MPSC Examination, Atharv Publication, Pune
13. Pagar S.D., Thorat A. M., More J. C., 2015, Agriculture Geography, Atharav Publication, Pune.

S.Y.B.A. Geography (G2) Syllabus for Semester IV**Name of Subject: Economic Geography- II, Subject Code: Gg.210 (B)****Objectives:**

1. To acquaint students with the basic principles and concepts of economic geography
2. To acquaint the students with the applications to economic geography for development in different areas.
3. The main aims are to integrate the various factors of economic development and to acquaint the students with this dynamic aspect of economic geography.

Sr.No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Trade and Transport	1. Modes of Transportation and their cost effectiveness Significance of a) Road b) Rail c) Air 2. Transportation cost of Major types 3. Types of Trade a) National b) International 4. International trade of India	12	03
2	Industries	1. Factors influencing on location of industries. 2. Weber's theory of industrial location 3. Major industrial regions in India 4. a) Iron and steel industry in India b) Sugar Industry in Maharashtra	12	
3	Regional Planning Development	1. Concept of regional planning and development. Their importance 2. Objectives of regional planning 3. Regional and sectoral imbalance in India	12	
4	Rural Development in India	1. Concept of rural development 2. Index of rural development 3. Various schemes of government for rural development a) IRD Programme b) DPAD Programme	12	

Reference Books :

1. Gautam A., 2010, Advance Economic Geography, Sharda Pustak Bhavan, Allahabad
2. Chauhan R. N., 2007, Basic Principles of Economic Geography, ABD Publishers, Jaipur
3. Padey P. N., Economic Geography, Nirali Publication ,Pune
4. Sadhukhan S. K., 1994, Economic Geography An Appraisal of Resources, S Chand & Company Ltd ,New Delhi
5. Roy P., Mukherjee S., 1993, Economic Geography: Resource Appraisal of resources- New Central Book Agency, Calcutta
6. Mannur H. G., 2008, International Economics, Vikas Publishing House Pvt Ltd, Noida
7. Siddharth K., 2003, Economic Geography, Theories, Processes & Patterns, Kisalaya Publications Pvt, Ltd, Noida
8. Husain M., 2008, Geography of India, Tata McGraw Hill, New Delhi
9. Bhat L. S., 1973, Regional Planning in India, Statistical Publishing Society, Kolkata
10. Desai V, 1991, Fundamentals of Rural Development, Rawat Publications, New Delhi
11. Paranjape, Gupte, Karmarkar, 1974, Economic & Commercial Geography, Nirali Publication, Pune.
12. More J. C., 2014, Geography & Agriculture For MPSC Examination, Atharv Publication, Pune
13. Pagar S.D., Thorat A. M., More J. C., 2015, Agriculture Geography, Atharav Publication, Pune.

S.Y.B.A. Geography (S1) Syllabus for Semester III**Name of Subject: Population Geography, Subject Code: Gg.220 (A)****Objectives:**

1. To understand the history of population.
2. To introduction of the basic concepts in Population Geography.
3. To understand the types of Population data.

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Introduction	1. Definition, Nature and Scope, 2. Contextual significance of Population Geography, 3. Relation between Population Geography and other social Sciences.	12	03
2	Population Data & Presentation	1. Census of India 2. National Sample Survey, Sample Registration Survey, NFHS, DLHS, 3. Presentation of Population Data – Maps, Graphical Presentation, Computer Application	12	
3	Population Growth and Demographic Attributes	1. Factors affecting Growth of Population 2. Fertility, Mortality - (Concept, Measurement) 3. Migration - Concept, Causes, Types	12	
4	Composition of Population	1. Age-Sex pyramid, Age Structure 2. Occupational Structure, Dependency Ratio 3. Longevity, Life Expectancy. (with Reference to India)	12	

Reference Books:

1. Barrett H. R., 1995, Population Geography, Oliver and Boyd Publication,
2. Bhende A. and Kanitkar T., 2000, Principles of Population Studies, Himalaya Publishing House.
3. Chandna R. C. and Sidhu M. S., 1980, An Introduction to Population Geography, Kalyani Publishers.
4. Clarke J. I., 1965, Population Geography, Pergamon Press, Oxford.
5. Jones, H. R., 2000, Population Geography, 3rd ed., Paul Chapman, London.
6. Lutz W., Warren C. S. and Scherbov S., 2004, The End of the World Population Growth in the 21st Century, Earth scan
7. New bold K. B., 2009, Population Geography Tools and Issues, Rowman and Littlefield Publishers.
8. Pacione M., 1986, Population Geography-Progress and Prospect, Taylor and Francis.
9. Wilson M. G. A., 1968, Population Geography, Nelson Publishers.
10. Panda B P , 1988, Population Geography, Granth Academy, Bhopal (Hindi)
11. Maurya S D, 2009, Population Geography, Sharda Putak Bhawan, Allahabad (Hindi)
12. Chandna, R C, 2006, Population Geography, Kalyani Publishers, Delhi. (Hindi)
13. Sawant, Athavale, Musmade, Population Geography, Mehta Publication, Pune. (Marathi)
14. More J. C., 2014, Geography & Agriculture For MPSC Examination, Atharv Publication, Pune (Marathi)
15. Musmade A.H., Sonawane A.E., More J.C., 2015, Population & Settlement Geography, Diamond Publication Pune. (Marathi)

S.Y.B.A. Geography (S1), Syllabus for Semester IV**Name of Subject: Population Geography, Subject Code: Gg.220 (B)****Objectives:**

1. To introduce students to the Population Policy of India and China.
2. To understand the Health indicator in India.
3. To acquaint students with the concept of urbanization in population geography.
4. To understand population theories.

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Concept and theories of Population	1. Population and space: over Population, Optimum Population, Under Population 2. Malthusian Theory 3. Marxian Theory	12	03
2	Problems of Population and Population Policies	1. Population Problems in India. 2. Population Problems in developed countries 3. Population Policies in India and China	12	
3	Population as a Resources Contemporary Issues	1. Health Indicator in India 2. Population as Social Capital 3. Human Development Index.	12	
4	Urbanization	1. Concept of urbanization 2. History of urbanization in India, Trends of World urbanization. 3. Problems of Urbanization in India	12	

Reference Books:

1. Barrett H. R., 1995, Population Geography, Oliver and Boyd Publication,
2. Bhende A. and Kanitkar T., 2000, Principles of Population Studies, Himalaya Publishing

House.

3. Chandna R. C. and Sidhu M. S., 1980, An Introduction to Population Geography, Kalyani Publishers.
4. Clarke J. I., 1965, Population Geography, Pergamon Press, Oxford.
5. Jones, H. R., 2000, Population Geography, 3rd ed., Paul Chapman, London.
6. Lutz W., Warren C. S. and Scherbov S., 2004, The End of the World Population Growth in the 21st Century, Earth scan
7. New bold K. B., 2009, Population Geography Tools and Issues, Rowman and Littlefield Publishers.
8. Pacione M., 1986, Population Geography-Progress and Prospect, Taylor and Francis.
9. Wilson M. G. A., 1968, Population Geography, Nelson Publishers.
10. Panda B P , 1988, Population Geography, Granth Academy, Bhopal (Hindi)
11. Maurya S D, 2009, Population Geography, Sharda Putak Bhawan, Allahabad (Hindi)
12. Chandna, R C, 2006, Population Geography, Kalyani Publishers, Delhi. (Hindi)
13. Sawant, Athavale, Musmade, Population Geography, Mehta Publication, Pune. (Marathi)
14. More J. C., 2014, Geography & Agriculture For MPSC Examination, Atharv Publication, Pune (Marathi)
15. Musmade A.H., Sonawane A.E., More J.C., 2015, Population & Settlement Geography, Diamond Publication Pune. (Marathi)

S.Y.B.A. Geography (S1), Syllabus for Semester III**Name of Subject: Geography of Maharashtra, Subject Code: Gg.220 (A)****Objectives:**

1. To acquaint students with Geography of our State.
2. To make students aware of the magnitude of problems and prospects in Maharashtra.
3. To help students understand the inter relationship between the subject and the society.
4. To help students understand the recent trends in regional studies

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Administrative Set up of Maharashtra	1. Historical and Political Background of the state 2. Geographical location of State 3. Adjoining States 4. Administrative Divisions	12	03
2	Physical settings	1. Geological Structure of Maharashtra. 2. Physical Structure (Mountain, plateau, Plains) 3. Drainage Pattern (East and West flowing rivers) 4. Major Soil types and Distribution.	12	
3	Climate	1. Climatic Regions of Maharashtra 2. Distribution of Rainfall 3. Draught prone areas- Problems and Management 4. Flood areas - Problems and Management	12	
4	Resources	1. Water :Problems in Utilization and conservation 2. Forest : Types and Conservation 3. Mineral; Iron ore, Manganese and Bauxite 4. Power : Hydro, Thermal, Atomic	12	

Reference Book:

1. Dikshit K.R ., Maharashtra in Maps,
2. Deshpande C. D. , Maharashtra
3. Sadhu Arun, Maharashtra, National Book Trust
4. Savadi A. B., Geography of Maharashtra: Nirali Prakashan, Pune.
5. Dastane S., Maharashtra, Ramchandra and company, Pune
6. Sawadi A. B., The Mega State Series : Nirali Publication, Pune.
7. Maharashtra state Agricultural Atlas
8. Karve I., Maharashtra its Land and people,
9. More J. C., 2014, Geography & Agriculture For MPSC Examination, Atharv Publication, Pune (Marathi)

S.Y.B.A. Geography (S1), Syllabus for Semester IV**Name of Subject: Geography of Maharashtra, Subject Code: Gg.220****(B)Objective :**

1. To make students aware about the Agriculture problems and prospects of Maharashtra.
2. To understand the population distribution and settlement pattern in Maharashtra.
3. To understand the concept of rural development.
4. To understand the prospectus in Tourism activity in Maharashtra and the role of MTDC and Role of MIDC in industrial development in rural area of Maharashtra

Sr. No.	Topic	Sub Topic & Learning Point	Hours	Credits
1	Agriculture	1. Importance of Agriculture in Economy of Maharashtra 2. Major Crops - Wheat, Rice, Jawar, Bajra. 3. Cash Crops and Horticulture - Cotton, Sugarcane, Pomegranate, Grapes. 4. Problems of agriculture in Maharashtra.	12	03
2	Population and Settlement	1. Population distribution of Maharashtra 2. Population composition - Sex Ratio, Literacy, Occupational structure, Migration 3. Rural and Urban Settlements 4. Potential of Major Cities in Maharashtra – Mumbai, Pune, Nagpur	12	
3	Rural Development of Maharashtra	1. Concept of Rural Development 2. Parameters of Rural Development 3. Schemes For Rural Development 4. Case Studies – Hivare Bazar and Ralegan Siddhi (Ahmednagar), Patoda (Aurangabad)	12	
4	Tourism	1. Growth and development of tourism in Maharashtra 2. Tourism Potential of Maharashtra 3. Agro-Tourism 4. Role of MTDC	12	

Reference Book:

1. Dikshit K.R ., Maharashtra in Maps,
2. Deshpande C. D. , Maharashtra
3. Sadhu Arun, Maharashtra, National Book Trust
4. Savadi A. B., Geography of Maharashtra: NiraliPrakashan, Pune.
5. Dastane S., Maharashtra, Ramchandra and company, Pune
6. Sawadi A. B., The Mega State Series : Nirali Publication, Pune.
7. Maharashtra state Agricultural Atlas
8. Karve I., Maharashtra its Land and people,
9. More J. C., 2014, Geography & Agriculture For MPSC Examination, Atharv Publication, Pune (Marathi)

S.Y.B.A. Geography (S2), Syllabus for Semester III**Name of the Subject: Scale and Map Projection, subject Code: Gg. 201 (A)****Practical Geography-I No. of Credits: 04**

Workload: Six Periods per week per batch consisting of 12 Students; however the last batch needs to have more than six students.

(Examination for the course will be conducted at the end of the semester)

Objectives of Course:

1. To introduce the basic concepts in Practical Geography
2. To enable students to use various Scales and Projection Techniques in Geography.
3. To acquaint students with the utility of various Projections in Geographical knowledge.
4. To explain the elementary and essential principles of practical work in Geography.

Course Outcome:

After the successful completion of the course, the students will be able to:

1. Develop practical skill and use of map scale and projection.
2. To make students aware of the new techniques, accuracy and skills of map making.

Note:

1. Use of Map stencils, Log tables, Calculator, computer, Statistical Tables is allowed at the time of Examination.
2. Students must check the practical's regularly and Journal should be certified by practical in-charge and Head of the Department before the examination.
3. Students without a certified journal should not be allowed for the practical examination.
4. Each of the practical batches needs a separate question paper.

Sr. No.	Topic	Sub Topic & Learning Point	No of Practical	Credits
1.	Introduction of Maps	1. Definition of Map 2. Elements of Map 3. Classification of Map: a. On the basis of scale: i) Small scale ii) Large Scale b. On the basis of function: i) Physical ii) Cultural 4. Use of map	03	04
2.	Map Scale	1. Definition of Map Scale. 2. Types of Map Scale a. Verbal Scale b. Numerical Scale c. Graphical Scale 3. Conversion Scale (British and Metric System) a. Verbal scale to Representative fraction b. Representative fraction into Verbal scale 4. Construction of Simple Graphical scale (At least two examples from each)	06	
3.	Basic of map projection	1. Definition and types of map projection 2. Basic Concepts of Projection: Latitude, Longitude, Parallel of latitude, Meridian of longitude, Prime meridian, Equator, Direction 3. Calculation of time basis on meridian and GMT (Calculation of minimum two examples)	04	
4.	Construction, properties and use of map projections	1. Zenithal Projection a. Zenithal Polar Gnomonic Projection 2. Conical Projection a. Conical projection with one standard parallel/Simple conical projection 3. Cylindrical Projection a. Cylindrical equal area projection 4. Mercator projection (At least two examples from each projection)	07	

Reference Books:

1. Sharma J. P., 2010, Prayogic Bhugol, Rastogi Publishers, Meerut.
2. Singh R. L. and Singh R. P. B., 1999, Elements of Practical Geography, Kalyani Publishers.
3. Slocum T. A., McMaster R. B. and Kessler F. C., 2008, Thematic Cartography and Geovisualization (3rd Edition), Prentice Hall.
4. Tyner J. A., 2010, Principles of Map Design, The Guilford Press.
5. Sarkar A., 2015, Practical Geography: A Systematic Approach, Orient Black Swan Private Ltd., New Delhi
6. Singh R. L. and Dutta P. K., 2012, Prayogatama Bhugol, Central Book Depot, Allahabad
7. Ahirrao Y., Karanjkehele E. K., 2002, Practical Geography, Sudarshan Publication, Nashik
8. Saptarshi P. G., Jog S. R., Statistical Methods ,
9. Karlekar S. N., 2008, Statistical Methods, Diamond Publication, Pune
10. Kanetkar T. P., Kulkarni S. V., 1986, Surveying and Leveling, Pune Vidyarthi Griha Publication, Pune
11. Kumbhare A., Practical Geography,
12. Saha P., Basu P., 2007, Advanced Practical Geography, Books and Allied (P) Ltd, Kolkata

S.Y.B.A. Geography (S2), Syllabus for Semester IV

**Name of the Subject: Cartographic Techniques, Surveying and Excursion
/ Village / Project Report subject Code: Gg. 201 (B)
Practical Geography-II No. of Credits: 04**

Workload: Six Periods per week per batch consisting of 12 Students; however the last batch needs to have more than six students.

(Examination for the course will be conducted at the end of the semester)

Objectives of Course:

1. To introduce the students to the basic and contemporary concepts in Cartography.
2. To acquaint the students with the utility and applications of various Cartographic Techniques.
3. To introduce the latest concepts regarding the modern cartography in the field of Geography.
4. To explain the elementary and essential principles of practical work in Geography.

Course Outcome:

After the successful completion of the course, the students will be able to:

1. Develop practical knowledge and application of cartographical techniques.
2. To make students aware of the new techniques, accuracy and skills of Map Making.

Note :

1. Use of Map stencils, Log tables, Calculators, Statistical Tables is allowed at the time of Examination.
2. Journal completion by the students and the certified by practical in-charge and Head of the Department is compulsory.
3. Students without a certified journal should not be allowed for the practical examination.
4. Each of the practical batches needs a separate question paper.

Sr. No.	Topic	Sub Topic & Learning Point	No of Practical	Credits
1.	Introduction to Cartography	1. Definition of Cartography 2. Development of cartography a. Traditional b. Modern 3. Use of Cartography	02	04
2.	Cartographic techniques	1. Techniques of representation of data (Use and limitations) a. Simple line graph b. Simple bar Graph c. Pie diagram d. Choropleth Map e. Isopleth Method (Isoheight or Isothermal) f. Flow diagram (At least 01 example of each manually and using computer)	06	
3.	Surveying	1. Definition of Surveying 2. Types of North Direction (True, Magnetic and Grid North) 3. Types of Survey (Any three) a. Plane Table Survey : (Radiation Method and Intersection Method) b. GPS Survey and plotting c. Dumpy level / Auto level survey i) Rise and Fall Method ii) Collimation Method d. Demonstration of Total Station 4. Measurement of land: i) Measurement of survey field ii) Example on measurement of area (Circle, Square, Rectangle, Triangle, Uneven shape) iii) Conversion of area (hector into Acer, Square km into square meter, Square meter to Square feet)	08	
4.	Excursion / village/city survey and report writing	Study tour to places of geographical interest anywhere in the country Or Socio- economic survey of village/city	04	

Reference Books:

1. Sharma J. P., 2010, Prayogic Bhugol, Rastogi Publishers, Meerut.
2. Singh R. L. and Singh R. P. B., 1999, Elements of Practical Geography, Kalyani Publishers.
3. Slocum T. A., McMaster R. B. and Kessler F. C., 2008, Thematic Cartography and Geovisualization (3rd Edition), Prentice Hall.
4. Tyner J. A., 2010, Principles of Map Design, The Guilford Press.
5. Sarkar A., 2015, Practical Geography: A Systematic Approach, Orient Black Swan Private Ltd., New Delhi
6. Singh R. L. and Dutta P. K., 2012, Prayogatama Bhugol, Central Book Depot, Allahabad
7. Ahirrao Y., Karanjkehe E. K., 2002, Practical Geography, Sudarshan Publication, Nashik
8. Saptarshi P. G., Jog S. R., Statistical Methods ,
9. Karlekar S. N., 2008, Statistical Methods, Diamond Publication, Pune
10. Kanetkar T. P., Kulkarni S. V., 1986, Surveying and Leveling, Pune Vidyarthi Griha Publication, Pune
11. Kumbhare A., Practical Geography,
12. Saha P., Basu P., 2007, Advanced Practical Geography, Books and Allied (P) Ltd, Kolkata
13. Advanced Practical Geography: 2007, Saha P., Basu P., Books and Allied (P) Ltd, Kolkata

S.Y.B.A. Geography Syllabus**Name of Subject: Introduction to Geographic Information System****Subject Code: SEC – A, Semester – III****Total Credit:02,****Total Periods: 30****Objectives:**

1. To introduce the students about the basic concepts of GIS.
2. To acquaint the students with the utility and applications of GIS Technique.
3. To create the awareness about Geospatial technology among the students.
4. To inculcate skill of map making among the students by using GIS Technique.

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Introduction to GIS	1. Definition of GIS 2. Stages of GIS Development 3. Objectives of GIS 4. Components GIS 5. GIS Applications	06	2
2	Data Types & Models	1. Spatial Data – Concept, Sources; Data Models – Raster & Vector 2. Non-spatial Data – Concept, Sources; Data Models – Relational, Network, Hierarchical & Object-orientated	06	
3	Software based Practical	1. Geo-referencing of Toposheet/Map 2. Digitization of Point, Line & Polygon (at least one layer of each) 3. Data Attachment 4. Creation of Layout and Map	18	

Course Outcomes:

On successful completion of this course, the students will be able to -

- Comprehend knowledge about the concepts in GIS.
- Acquire skills of map making using GIS.

Reference Books:

- Burrough, P. A. and McDonnell, R. A. (2000): Principles of Geographical Information Systems, Oxford University Press, New York.
- Chang, K. T. (2008): Introduction to Geographic Information Systems, Avenue of the Americas, McGraw-Hill, New York.
- Debashis, C. and Sahoo, R. N. (2015): Fundamentals of Geographic Information System, Viva Books Private Limited.
- DeMers, M. N. (2008): Fundamentals of Geographic Information Systems, John Wiley and Sons, New Delhi.
- Heywood, I., Cornelius, S. and Carver, S. (2011): An Introduction to Geographical Information Systems, Pearson Education, New Delhi.
- Karlekar, S. (2007): Bhaugolik Mahiti Pranali (GIS), Diamond Publications, Pune.
- Korte, G. B. (2001): The GIS Book, Onward Press, Bangalore.
- Longley, P. A., Goodchild, M. F., Maguire, D. J. and Rhind, D. W. (2002): Geographical Information Systems and Science, John Wiley & Sons, Chichester.
- Lo Albert, C. P., Yeung and Albert K. W. (2002): Concepts and Techniques of Geographical Information Systems, Prentice Hall of India, New Delhi.
- Pandey, J. and Pathak D. (2015): Geographic Information System, TERI Press, The Energy and Resources Institute, New Delhi.
- Paul, A. L., Michel, F. G., Maguire, D. J. and Rhind, D.W. (2002): Introduction to Geographic Information Systems and Science, John Wiley and Sons Ltd.

S.Y.B.A. Geography Syllabus

Name of Subject: APPLIED COURSE OF DISASTER MANAGEMENT

Subject Code: SEC – A Semester - III

Objectives:

The objectives of the course are to develop following Skills among the students

- 1.To introduce basic concepts and fundamental structure of Disaster Management (DM).
- 2.To inculcate critical thinking and problem-solving abilities on disaster management.
- 3.To enable students to assess the situation and design plan for Disaster management

Unit no.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Fundamental Concepts, Measurement / Parameter and Types of Disasters	a) Disaster, Hazard, Risk, Vulnerability, Resilient b) Magnitude, Intensity, Frequency, Duration, Spatial dispersion c) Natural Disaster and Man- Made Disaster (Types and Definition)	06	02
2	Phases of Disaster Management Role of Geographers and organizations	a) Concept: Mitigation, Preparedness, Response, Recovery, Rehabilitation. b) Role of Geographers: Approaches; Application of GIS and RS in DM c) Introduction to National, State level organisations and Role of District level organisation.	08	
3	Comparative Assessment of Disaster Management- I	a) Earthquake: - India and Japan b) Flood:- India and Netherland c) COVID-19: India and Germany	08	
4	Assessment of Disaster Management- II	Assignment based on Primary or secondary data on any one Geographical scale- local/ regional/national/ global	08	

1. Disaster Management Guidelines, GOI-UND Disaster Risk Program (2009-2012)
2. Damon, P. Copola, (2006) Introduction to International Disaster Management, Butterworth Heineman.
3. Gupta A.K., Niar S.S and Chatterjee S. (2013) Disaster management and Risk Reduction, Role of Environmental Knowledge, Narosa Publishing House, Delhi.
4. Murthy D.B.N. (2012) Disaster Management, Deep and Deep Publication PVT. Ltd. New Delhi.
5. Modh S. (2010) Managing Natural Disasters, Mac Millan publishers India LTD.
6. Dr. Mrinalini Pandey (2017) Disaster Management, Wiley India Pvt. Ltd.

7. Tushar Bhattacharya (2018) Disaster Science and Management, McGraw Hill Education (India) Pvt. Ltd.

9. Arjun Musmade, Jyotiram More (2014) Geography of Disaster Management, Diamond Publication, Pune. (Marathi)

10. P. P. Marathe (2010), Disaster Management Concepts & Practices Diamond Publication, Pune. (Marathi)

S.Y.B.A. Geography Syllabus

Name of Subject: Introduction to Remote Sensing

Subject Code: SEC-B Semester – IV

Total Credit:02,

Total Periods: 30

Objectives:

1. To introduce the students about the basic concepts of Remote Sensing.
2. To acquaint the students with the utility of RS and its applications.
3. To inculcate the skill of satellite image interpretation among the students.

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Introduction to Remote Sensing	1. Concept, Definition and Types of RS 2. Development of RS in India 3. Stages in RS 4. Electromagnetic Spectrum 5. Applications of RS	07	2
2	Image Interpretation	1. Elements of Visual Image Interpretation 2. Visual Image Interpretation of Satellite Images i.e. IRS and LANDSAT	07	
3	Software based Practical	1. Image Downloading through Bhuvan/USGS 2. Layer Stacking 3. Image Enhancement 4. Image Classification - Unsupervised	16	

Course Outcomes:

On successfully completion of this course, the students will able to -

- Obtain knowledge about the concepts of remote sensing.
- Acquire skills in visual interpretation of satellite images.

Reference Books:

- Anji Reddy, M. (2008): Textbook of Remote Sensing and Geographic Information System, B.S. Publication, Hyderabad.
- Bhatta B., (2011): Remote Sensing and GIS, Oxford University Press, India.
- Campbell, J. (2002): Introduction to Remote Sensing, Taylor & Francis, London.
- Cracknell, A.P. (1991): Introduction to Remote Sensing, Tylor & Francis, London.
- Gupta, R.P. (1990): Remote Sensing Geology. Springer Verlag.
- Heywood, I., Steve, C. and Cornelius, S. (2003): An Introduction to Geographical Information Systems, Pearson Education.

- Jensen, J. R. (2000): Remote Sensing of the Environment: An Earth resource Perspective, Prentice Hall.
- Jensen, J. R. (2005): Introductory Digital Image Processing, Prentice Hall, New Jersey.
- Joseph, G. (2004): Fundamentals of Remote Sensing, Universities Press, Hyderabad, India.
- Karlekar, S. (2006): Doorsamvedan - Remote Sensing (Marathi), Diamond Publications, Pune.
- Karlekar, S. (2017): Dursamvedan Aani Bhougolik Mahiti Pranali (Marathi), Diamond Publications, Pune.
- Lillesand, T. M., Kiefer, R. W. and Chipman, J. W. (2016): Remote Sensing and Image Interpretation, 6th Edition, Wiley India.
- Rao R. M. (2002): Geographical Information Systems, Rawat Publication.
- Sabins, F. F. (1996): Remote Sensing: Principles and Interpretation, W.H. Freeman and Company, San Francisco.

.Y.B.A. Geography Syllabus

Name of Subject: APPLIED COURSE OF Travel & Tourism

Subject Code: SEC – B Semester -IV

Total Credit:02,

Total Periods: 30

Objectives

1. To develop basic framework to understand the various elements of tourism management.
2. To evaluate the role of transport in travel and tourism industry.
3. To develop the skills to arrange, manage and implement various types of tours.

Skills to be developed:

1. Students will be able to perform online as well as offline booking and cancellation procedures for different available modes of travel and tourism.
2. Students will be able to acquire earning skills in tourism industry.

Introduction to Tourism			
Unit No.	Topic	Learning Point	Periods
1	Introduction to Travel and Tourism	1.1 Basic concepts: Travel, Tourism, Tourist, Transport 1.2 Types of Tourist and Tourism 1.3 Types of transportation 1.4 Supporting Infrastructure: Transportation, Accommodation, Communication facility, Security, Finance, Tourist Guide and Government Policy (Only short introduction)	05
2	Local Tourism	2.1 Concept and need of local tourism 2.2 Introduction to local tourist places 2.3 Potential of local tourism and available infrastructure	05
3	Tour	3.1 Basic skills: Communication, Time Management, Computer	10

	planning and Skill development	operating, online booking, Net banking, Cancellation of booking and ticket, etc. 3.2 Framing the tour plan (Itinerary): Budget (Costing), Duration, Insurance, Route and other requirements for individual, family, group and mass level tours 3.3 Promotion of tourism 3.4 Plan for educational tour (long or short): Permission for tour, ticket booking, students concession and ticket cancellation, etc.	
4	Project work and Visit to tourist place	4.1 Itinerary design of short or long tour (local, state level and national level: Cost, duration, requirements, booking processes for transportation (Railway, Air and Road) and Accommodations (Youth hostel, Resort, Dormitory, Hotels, Service Apartments, etc.) and Insurance. 4.2 International Tour Pre-planning: Need and types of passport and visa, documents required for passport and visa, other necessary documents required for International tours, International Date Line, Time difference, GMT and Indian Standard Time with help of internet sources. 4.3 One short tour (Not more than two days duration) and Preparation of tour report.	10

Text Books:

1. Bhatia. Tourism Development (New Delhi, Sterling)
2. Seth: Tourism Management (New Delhi, Sterling)
3. Kaul: Dynamics of Tourism (New Delhi, Sterling)
4. Mill and Morrison – The Tourism system an Introductory Text (1992) Prentice Hall
5. Cooper, Fletcher, Tourism, Principles and practices (1993) Pitman
6. Burkart and Medlik Tourism, Past, Present and Future (1981) Heinemann, ELBS.
7. P.S. Gill, Dynamics of Tourism (4 Vols) Anmol Publication.
8. P.C. Sinha, Tourism Management. Anmol Publication.

References:

1. Travel Industry : Chunky Gee et-al
2. Tourism Systems - Mill and Morisson
3. Tourism Management Vol - 4 - P.C. Sinha
4. Tourism Development - R. Gartner
5. Studies in Tourism - Sagar Singh
6. Tourism: Principles and Practices - Cooper C., Fletcher J., Gilbert D and Wanhil.
7. Tourism: Principles and Practices - McIntosh , R.W.
8. Tourism : Past, Present and Future - Burkart & Medli



Savitribai Phule Pune University

(Formerly University of Pune)

**Three Year B.A. and B.Sc. Degree Program in Geography (Faculty
of Science & Technology)**

T.Y.B.A. (Geography)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2021-2022

T.Y.B.A. (Geography) Choice Based Credit System Syllabus

To be implemented from Academic Year 2021-2022

Course Structure

F. Y. B. A. GEOGRAPHY

Sr. No.	Semester	Course No	Name of the Course	Category
1	Semester I	Gg.110 (A)	Physical Geography	CC – 1 A
2	Semester II	Gg.110 (B)	Human Geography	CC – 1 B

S. Y. B. A. GEOGRAPHY

Paper Code	Semester	Paper	Subject
Gg: 210(A)	III	G2 CC1C	Environmental Geography I OR Economic Geography -I
Gg: 220(A)	III	S1 DSE 1 A	Geography of Maharashtra - I OR Population Geography – I
Gg: 201(A)	III	S2 DSE 2 A	Practical Geography – I (Scale and Map Projections)
(Value/skill based course)	III	SEC 2 A	Applied Course of Disaster Management
Gg: 210(B)	IV	G2 CC1D	Environmental Geography- II OR Economic Geography -II
Gg: 220(B) DSE 1 B	IV	S1 DSE 1 B	Geography of Maharashtra – II OR Population Geography – II
Gg: 201(B) DSE 2 B	IV	DSE 2 B	Practical Geography – II (Cartographic Techniques, Surveying and Excursion / Village / Project Report)
(Value/skill based course)	IV	SEC 2 B	Applied Course of Travel and Tourism Geography

T.Y.B.A. Geography

Paper Code	Semester	Paper	Subject
Gg: 310(A)	V	CC1E	Geography of Disaster Management-I OR Geography of Tourism- I
Gg: 320(A)	V	DSE 1 C	Geography of India -I OR Geography of Rural Development -I
Gg: 301(A)	V	DSE 2 C	Practical Geography – I (Techniques of Spatial Analysis)
(Value/skill based course)		SEC 2C	Research Methodology – I
Gg: 310(B)	VI	CC1F	Geography of Disaster Management-II OR Geography of Tourism -II
Gg: 320(B)	VI	DSE 1D	Geography of India -II OR Geography of Rural Development -II
Gg: 301(B)	VI	DSE 2D	Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report)
(Value/skill based course)		SEC 2 D	Research Methodology – II

Equivalence of Previous syllabus along with new syllabus:

Pager	Old Course	New Course
G3	Gg-310 Regional Geography of India OR Gg-310 Human Geography	Geography of Disaster Management-I OR Geography of Tourism- I
G3		Geography of Disaster Management-II OR Geography of Tourism- II
S3	Gg-320 Agricultural Geography OR Gg-320 Population and Settlement Geography	Geography of India –I OR Geography of Rural Development -I
S3		Geography of India –II OR Geography of Rural development -II
S4	Gg-301 Techniques of Spatial Analysis	Practical Geography – I (Techniques of Spatial Analysis)
S4		Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report)

Semester V

Geography of Disaster Management-I CC1E(No. of Credits: 03)

Objectives:

- 1) To introduce students the concept of disaster & its relation with Geography.
- 2) To acquaint the students with the utility & application of hazards in different areas & its management.
- 3) To make the students aware of the need of protection & disaster management.

Sr. No.	Topic	Learning Points	No. of Lectures
1	Concepts in disaster management.	a) Concept of management b) Aims and objectives c) Pre-disaster management and Post – disaster management	12
2	Introduction to hazards, disasters	a) Meaning and definition of Disasters b) Geographical conditions and disasters c) Classification of Disasters	12
3	Disaster management and measures	a) Structure of disaster management - Preparedness, Response, Recovery, Mitigation, Rehabilitation b) Standard operating procedure of management on government level c) Role of media	12
4	Climatic disasters and their management	a) Hail Storm & Cloud Burst a) Cyclones and Storms b) Droughts and Floods	12

- Alexander, D. (1993). Natural Disasters. UCL Press Ltd., London
- Bloom, A.L., 1998. Geomorphology. A Systematic Analysis of Late Cenozoic Landforms. Pearson Education (Singapore) Pte. Ltd.
- Chandna, R. C., 2000. A Geography of Population, Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi.
- Copola P Damon, 2007, Introduction to International Disaster Management
- Cuny, F. 1983, Development and Disaster, Oxford University Press.
- Govt. of India, 2005, Disaster Management Act Government of India, New Delhi.
- Hamblin, W.K., 1989. The Earth's Dynamic Systems, Macmillan Publishing Company, New York.
- Huggett, D.A., 2004. Fundamentals of Biogeography, Routledge.
- Kale, V.S. and Gupta, A., 2001. Introduction to Geomorphology, Orient Longman, Calcutta.
- Knox, P. and Agnew J., 1998. The Geography of the World Economy, Arnold, London.
- Lutgens, F.K. and Tarbuck, E.J., 2007. The Atmosphere. Prentice Hall, Englewood Cliffs, New Jersey, USA.
- Ross, D. A., 1988. Introduction to Oceanography. Prentice Hall, New Jersey.

- Saptarshi P. G., More J. C., Ugale V. R. and Arjun Musmade (2009), “Geography and Natural Hazard” Diamond, Pune.
- Savindra Singh, (2000): Environmental Geography. PrayagPustakBhavan, Allahabad
- Singh, S., 1998. Geomorphology, PrayagPustakBhavan, Allahabad.
- Strahler, A.A. and Strahler, A. N., 2002. Physical Geography: Science and Systems of the Human Environment, John Wiley and Sons, INC.
- Musmade Arjun. H., More J. C., 2014, Geography of Disaster Management, Diamond, Pune.
- A.H.Choudhar ,P.N.Salve, S.M.Kadam.R.H.Choudhar,V.C.Ithape (2010), “Contemporary Issues and Geography”,Atharva ,Pune.

CBCS PATTERN TYBA GEOGRAPHY

Semester V
Geography of Tourism- I CC1E(No. of Credits: 03)

Objectives:

- 1) To understand the history of Tourism
- 2) To introduce the students to the basic concepts in Tourism Geography.
- 3) To understand the types of Tourism
- 4) To gain knowledge different aspects of Tourism Geography.

Sr. No.	Topic	Sub Topic & Learning Point	No. of Lectures
1	Introduction	a) Definition and Nature i. Definition of Tourists and Tourism ii. Nature of Tourism iii. Importance of Tourism b) Scope and Extent i. Tourism and Travel as basic needs of mankind. ii. Tourism and Development. iii. Tourism as product c) Role of Geography in Tourism	12
2	Determinants of Tourism Development	a) Physical i. Relief ii. Climate iii. Forest b) Socio-Cultural i. Religious ii. Historical iii. Sports c) Political --i) Policies ii) Safety of Tourists iii) Accessibility	12
3	Concept and Classification of Tourism	a) Classification of tourism based on i. Nationality ii. Travel Time iii. Purpose b) Concept of Tourism - I i. Agro-Tourism ii. Eco- Tourism iii. Wildlife Tourism c) Concept of Tourism - II i. Health/medical Tourism ii. Sports Tourism	12
4	Basic Infrastructure in Tourism	a) Mode of Transportation i) Road ii) Railiii) Water iv)Air b) Communication i. Role of Guide in tourism development ii. Internet/Telephone/Mobile/TV iii. Electronic and Printing Media c) Travel and Tourism Agencies	12

Reference Books

1. Geography of Tourism: Robinson H. (1996)
2. Tourism Development, Principles and Practices: Bhatia A.K., Sterling Publisher Ltd., New Delhi
3. Geography of Tourism and Recreation: S. N. Singh (1985)
4. Tourism Today: A Geographical Analysis: Douglas Pearce (1987)
5. Tourism: Economic Physical and Social Impact: Mathieson A. and Wall C, Logman, U.K.
6. India: A Tourist Paradise: Manoj Das.
7. Tourism Today: An Indian Perspectives: Maneet Kumar
8. Geography of Travel and Tourism: Hudman L.E.
9. Successful Tourism Management: Seth P.N. (1985) Sterling Publisher Ltd., New Delhi.
10. Tourism Analysis: Smith S.L.J.
11. Tourism in India: Gupta V.K.
12. Dynamics of Tourism: Kaul R. N., Sterline Publisher Ltd.
13. Geography of Tourism: S.B. Shinde, Phadke Prakashan, Kolhapur 2

Semester V
Geography of India -I DSE 1 C(No. of Credits: 03)

Objective:

1. To acquaint the students with geography of our Nation.
2. To make the student aware of the magnitude of problems and Prospects at National level.
3. To help the students to understand the inter relationship between the subject and the society.
4. To help the students to understand the recent trends in regional studied

Sr. No	Unit	Subunit	No. of Lectures
1	Introduction	a) Location and Extent b) Historical Background c) International boundaries of India and related issues d) States and Union territories	12
2	Physiography	a) The Northern Mountains b) The North Indian Plains c) The Peninsular Plateau d) The Costal lowlands and Islands	12
3	Drainage	a) Himalayan Rivers: The Indus , The Ganga, The Brahmaputra b) East Flowing Rivers- Mahanadi, Godavari, Krishna, Kaveri c) Major West Flowing Rivers- Narmada, Tapi, Mahi d) Minor West Flowing Rivers originating in Western Ghat	12
4	Climate Soils and Natural Vegetation	a) Various Seasons and Weather Associated with them b) Types of Soils and its Distribution c) Soil Degradation and Conservation d) Types of Natural Vegetation and its Distribution	12

Reference Books

1. Aher A.B., Chaodhari A. P & Chaodhari Archana. Regional Geography of India Prashant Publication Jalgaon 2015
2. Deshpande C.D: India-A Regional Interpretation Northern Book Centre, New Delhi.1992.
3. Farmer, B.H.: An Introduction to South Asia. Methuen, London, 1983.
4. Govt. of India: India - Reference Annual, 2001 Pub. Div, New Delhi, 2001.
5. Govt. of India: National Atlas of India, NATMO Publication, Calcutta..
6. Govt. of India: The Gazetteer of India. Vol I & III Publication Division, New Delhi, 1965.
7. Learmonth, A.T.A. et.al(ed.) : Man and Land of South Asia Concept, New Delhi.
8. Mitra, A.: Levels of Regional Development India Census of India, Vol I, Part I-A (i) and (ii) New Delhi, 1967.
9. Routray, J.K.: Geography of Regional Disparity Asian Institute of Technology, Bangkok, 1993.
10. Shafi, M: Geography of South Asia, McMillan & Co., Calcutta, 2000.

11. Singh, R.L.(ed.): India: A Regional Geography. National Geographical Society. India, Varanasi, 1971.
12. Spate, O.H.K. and Learmonth, A.T.A.; India and Pakistan - Land, People and Economy Methuen & Co., London, 1967.
13. P. G. Saptarshi, J. C. More, V. R. Ugale & A. H. Musmade :A Geographical Region of India : Diamond Publication (2009) (Marathi)
14. Patil S. G., Suryawanshi R. S., Pacharne S., Choudhar A. H. : Economic Geography, Atharav Prakashan, Pune. (2014) (Marathi).
15. Musmade Arjun. H., More J. C., 2015, Geography of India , Diamond, Pune.

CBCS PATTERN TYBA GEOGRAPHY

Semester V

Geography of Rural Development -I DSE 1 C(No. of Credits: 03)**Objectives:**

1. To understand the concept, nature and scope of rural development in India.
2. To overview various approaches to rural development.
3. To discuss some important issues related to rural development.
4. To study various schemes and policies for rural health in India.

Sr. No.	Topic	Sub Topic	Learning Points	No. of Lectures
1	Introduction	Nature and Scope	a) Concept of Rural Development b) Definition and meaning of rural development c) Causes of Rural Backwardness d) Nature and Scope of Rural Development in India	12
2	Approaches to Rural Development in India	Approach	a) Gandhian Approach b) Decentralized Planning Approach c) Sectoral Approach d) Participatory Approach	12
3	Issues of Rural Development	Issues	a) Lack of safe drinking water b) Rural Sanitation Problems and Programs c) Green revolution and its benefits to Urban and Rural Sectors d) Urban-Rural Divide	12
4	Rural Health	Health Care and Services	a) Health Care Services in Rural Areas b) Maternal and Child Health c) National Health Policy of India d) National Rural Health Mission	12

Reference Books

1. Vasant Desai: Rural Development in India, Himalaya Publishing House, Mumbai, 2012.
2. Singh, R.B. (1985): *Geography of Rural Development*. New Delhi, India: Inter India.
3. Mukherjee, Neela. (1993). *Participatory Rural Appraisal: Methodology and Application*. Delhi, India: Concept Pubs. Co.
4. Rural Development Satya Sundaram, Himalaya publication House Mumbai
5. Indian economy R. D. Sudharam Chand and co. Ramnagar New Delhi.
6. Commercial Geography Dr. B.S.Nagi. KedarnathRamnath publications Meerut,
7. Human Resource Development T.Y. Rao SAGE Publication New Delhi.
8. Katar Singh -Rural Development –Principles, Policies and Management.
9. Agricultural Geography (second edition) Jasbir singh and S.S. Dhillon Tata mc crow publication

10. Interntation Technology and Globalization S.K. Bansal APII Publishing Corp. Ansari Rd. Dayraganj Delhi.
11. Economic Geography. Sadha –Khan 8. Ruural Energy criai S. Giriappa Himalaya Publishing House Mumbai
12. Anand, Subhash. (2013). *Dynamics of Rural Development*. Delhi, India: Research India Press.
13. Mukundan,N.-Rural Development and Poverty eradication in India.
14. Krishnamurthy, J. (2000). *Rural Development - Problems and Prospects*. Jaipur, India: Rawat Publs.
15. Ramachandran, H., and Guimaraes, J.P.C. (1991). *Integrated Rural Development in Asia–Leaning fromRecent Experience*. New Delhi, India: Concept Publishing.
16. Palione, M. (1984). *Rural Geography*. London, UK: Harper and Row.
17. Dutt and Sundaram- Indian Economy, S.Chand Publications, New Delhi, 2013-07-02.
18. Mishra,S.K. and PuriV.K. - Economics of Development and Planning, Himalaya Publishing House, Mumbai, 2012.
19. K Vijayakumar Empowerment of weaker section future planning and strategies for Rural Development in India.
20. Shankar Chatterjee- Implementation of Rural Development.
21. Gilg A. W., 1985: An Introduction to Rural Geography, Edwin Arnold, London.
22. Misra R. P. and Sundaram, K. V. (eds.), 1979: Rural Area Development: Perspectives

Semester V
Practical Geography- I
(Techniques of Spatial Analysis) DSE- 2 C
(No. of Credits: 04)

Workload: Six Periods per week per batch consisting of 12 Students; however the last batch needs to have more than six students.

(Examination for the course will be conducted at the end of the semester)

Objective:

1. To introduce the basic concepts and techniques of Geographical Analysis.
2. To introduce the students with SOI Toposheets and acquire the Knowledge of Toposheet interpretation.
3. To introduce the students with Weather Maps and acquire the Knowledge of its interpretation.
4. To introduce the students with Aerial Photographs and Satellite Images and acquire knowledge to interpret it .
5. To acquaint students with the spatial and structural characteristics of Practical Geography.
6. To explain the elementary and essential principles on field of practical work.

Note:

1. Students must check the practicals regularly and journal should be certified by practical in-charge and Head of the Department before examination.
2. Use of Map stencils, Log tables, Calculator, Computer, Statistical Tables are allowed at the time of examination.
3. Students without a certified journal should not be allowed for the practical examination.
4. Each of the practical batches needs a separate question paper.
5. Internal and External examiner should set jointly the question paper for each batch.

Sr. No.	Topic	Sub Topic & learning Points	No. of Lectures
1.	Introduction of S.O.I. Toposheet & Relief Representation	a. Introduction of Survey of India Toposheets: Marginal Information, Conventional signs and symbols and Colours in S.O.I. Toposheets. b. Types of toposheets / Indexing of toposheets c. Methods of Relief Representation i) Qualitative: Hachures, Hill shading, Layer Tint. ii) Quantitative: Contours, Form lines, Bench Marks, Spot Heights, Triangulation Mark, Relative Height (r)	15
2.	Interpretation of S.O.I.	a. Reading of SOI toposheets from plain, plateau and Mountainous region. (Minimum one	15

	Toposheets and Data generation	Toposheet per region) b. One day field Excursion for orientation of toposheets, observation and Identification of Geographical Features and Preparation of a Brief Report	
3.	Introduction & Interpretation Weather Maps	a. Introduction to Weather Maps b. Symbols in Daily Weather Report used by India Meteorological Department (IMD) c. Isobaric Pattern d. Reading of Weather Map from i) Summer ii) Monsoon iii) Winter Season (Minimum one weather map from each season)	15
4.	Introduction & Application of GIS & Remote Sensing Techniques	a. Definition and Components of GIS b. GIS Data Types (spatial and non-spatial), Raster and Vector data c. Introduction of Aerial Photographs & Satellite Images d. Use of Computer open source Software for GIS & RS techniques in Geography	15

Reference Books:

1. Ahirrao, D. Y. and Karanjkehele, E.K., 2002. Pratyakshik Bhugol, Sudarshan Publication, Nashik.
2. Buoygoot, J. 1964., An Introduction to Map work and Practical Geography, University Tutorial, London.
3. Burrough, P. A., and McDonnell, R. A., 2000. Principles of Geographical Information System, Oxford University Press.
4. Curran, P. 1989., Principles of Remote Sensing, Logman, London.
5. Dickinson, G. C., 1979, Maps and Air Photographs, Arnold Publisher, New Delhi.
6. Dr. P. G. Saptrashi and Dr. S. R. Jog., 1991, Statistical Methods (Marathi)
7. Ebdon, D., 1977. Statistics in Geography: A Practical Approach, Basil Blackwell, Oxford.
8. Kumbhar, A., 2000. Pratyakshik Bhugol, Sumeru Publications, Mumbai.
9. Lillesand, T. M. and Kiefer, R. W., 2002. Remote Sensing and Image Interpretation, John Wiley and Sons, New Delhi.
10. Lutgens, F. K. and Tarbuck, E.J., 2007. The Atmosphere. Prentice hall, Englewood Cliffs, New Jersey, USA.

11. Monkhouse, F. J. and Wilkinson, H. R. 1971. Maps and Diagrams. Methuen and Co. Ltd. London, UK.
12. Ramamurthy, K., 2006. Map Interpretation, Rex Printers, Madras.
13. Siddhartha, K., 2006. Geography Through Maps, Kisalaya Publication, Pvt. Ltd, New Delhi.
14. Singh L. R. and Singh R., 1973. Map Work and Practical Geography, Central Book Depot, Allahabad.
15. Singh R. L. and Dutt, P.K., 1968. Elements of Practical Geography, Students Friends, Allahabad.
16. Singh R. L., 2005. Elements of Practical Geography. Kalyani Publishers, New Delhi.
17. Singh, G., 2005. Map Work and Practical Geography, Vikas Publishing House Pvt. Ltd., New Delhi.
18. Strahler, A. A. and Strahler, A. N., 2002. Physical Geography. Science and Systems of the Human Environment, John Wiley & Sons, INC.
19. Strahler, A. H. and Strahler, A. N., 1992. Modern Physical Geography. John. Wiley & Sons, INC.
20. डॉ.काळे व्ही.बी. २०२१ 'प्रात्यक्षिक भूगोल' प्रशांत पब्लिकेशन, जळगाव.

Semester V
SEC 2 C
 Value/Skill based Course
Research Methodology - I
 CREDIT - 2

Objectives:

1. To develop the understanding of the basic concept of research
2. To develop the understanding of the basic framework of sampling and data collection
3. To develop the understanding of various sampling methods and techniques

Topic No.	Topic	Sub-Topic	No. of Lectures
1	Introduction to Research Methodology	i. Meaning and objectives of research ii. Characteristics of Research iii. Types of Research iv. Various steps in Research Process	10
2	Research Design	i. Introduction of Research Design ii. Purpose of Research Design iii. Characteristics of Good Research Design	10
3	Research Problem	i. Definitions of the Research Problem ii. Identification of a Research Problem iii. Technique involved in defining a problem	10

References

1. Montello Daniel R. and Sutton Paul C. (2006) – Introduction to scientific research Methods of Geography. By Saga Publication
2. Kothari, C. R. (2004) – Research Methodology -Methods and techniques, New Age.
3. Mishra, H.N. and Sing, V.P. (1998)- research Methodology in Geography, Rawat Publication
4. Clifford, N. Fresh S, Valentine, G. (2010) - Key Methods in Geography, Saga Publication
5. Gregory, K. J. (2000) – The changing Nature of Physical Geography, Arnold, London
6. Gomez basil and Jones, III John Paul (editor) (2010) – Research Methods in geography : A Critical, Wiley – Blackwell
7. Harvey, David (1971) – Explanation in Geography, Edward Arnold, London
8. Chorley, R. J. and P. Haggett(ed) (1967) – Models in Geography, Methuen

Semester VI

T.Y.B.A. (Geography) Choice Based Credit System Syllabus

be implemented from Academic Year 2021-2022

Paper Code	Semester	Paper	Subject
Gg: 310(B)	VI	CC1F	Geography of Disaster Management-II OR Geography of Tourism -II
Gg: 320(B)	VI	DSE 1D	Geography of India -II OR Geography of rural development -II
Gg: 301(B)	VI	DSE 2D	Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report
(Value/skill based course)		SEC 2 D	Research Methodology – II

Semester VI**Geography of Disaster Management-II CC1F (No. of Credits: 03)**

Sr. No.	Topic	Learning Points	No. of Lectures
1	Geological and Geomorphic disasters and their management	a) Earthquakes b) Landslides c) Tsunami	12
2	Anthropogenic disasters and their management	a) Deforestation b) Forest fire c) Soil degradation	12
3	Global Environmental issues	a) Global warming b) Ozone depletion c) Acid rain	12
4	Case Studies of disaster	a) Tsunami in Indian ocean -2004 b) Fukushima Nuclear disaster -2011 c) Kedarnath Cloud Burst -2013	12

Reference books:

- Alexander, D. (1993): Natural Disasters. UCL Press Ltd., London
- Bloom, A.L., 1998. Geomorphology. A Systematic Analysis of Late Cenozoic Landforms. Pearson Education (Singapore) Pte. Ltd.
- Chandna, R. C., 2000. A Geography of Population, Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi.

- Copola P Damon, 2007, Introduction to International Disaster Management
- Cuny, F. 1983, Development and Disaster, Oxford University Press.
- Govt. of India, 2005, Disaster Management Act Government of India, New Delhi.
- Hamblin, W.K., 1989. The Earth's Dynamic Systems, Macmillan Publishing Company, New York.
- Huggett, D.A., 2004. Fundamentals of Biogeography, Routledge.
- Kale, V.S. and Gupta, A., 2001. Introduction to Geomorphology, Orient Longman, Calcutta.
- Knox, P. and Agnew J., 1998. The Geography of the World Economy, Arnold, London.
- Lutgens, F.K. and Tarbuck, E.J., 2007. The Atmosphere. Prentice Hall, Englewood Cliffs, New Jersey, USA.
- Ross, D. A., 1988. Introduction to Oceanography. Prentice Hall, New Jersey.
- Saptarshi P. G., More J. C., Ugale V. R. and Arjun Musmade (2009), "Geography and Natural Hazard" Diamond, Pune.
- Savindra Singh, (2000): Environmental Geography. PrayagPustakBhavan, Allahabad
- Singh, S., 1998. Geomorphology, PrayagPustakBhavan, Allahabad.
- Strahler, A.A. and Strahler, A. N., 2002. Physical Geography: Science and Systems of the Human Environment, John Wiley and Sons, INC.
- A.H.Choudhar ,P.N.Salve, S.M.Kadam.R.H.Choudhar,V.C.Ithape (2010), "Contemporary Issues and Geography",Atharva ,Pune.
- Musmade Arjun. H., More J. C., 2014, Geography of Disaster Management, Diamond, Pune.

Geography of Tourism- II CC1F(No. of Credits: 03)

Objectives:

1. To understand the history of Tourism
2. To introduce the students to the basic concepts in Tourism Geography.
3. To understand the types of Tourism
4. To gain knowledge different aspects of Tourism Geography.

Sr. No.	Topic	Sub Topic & Learning Point	No. of Lectures
1.	Role of Accommodation in Tourism	a) Accommodation Types i. Hotels, Motels, Inn, Dharmashalas ii. Govt. Accommodation, Tourist homes iii. Private accommodations and unrecognized accommodations b) Factors affecting choice of Accommodation c) Role of Accommodation in Tourism Development	12
2.	Impact of Tourism	a) Economic impact i. Effect on foreign exchange ii. Employment generation iii. Infrastructure development b) Physical and Environmental impacts i. Land Degradation ii. Loss of plant and animal life iii. Air and water pollution c) Social cultural impacts i. Crime and Gambling activities ii. Languages iii. Traditional arts	12
3.	Planning and Policies of tourism development	a) World Tourism Organization (WTO) b) India Tourism Development Corporation (ITDC) c) Maharashtra Tourism Development Corporation (MTDC)	12
4.	Case studies of Major Tourist Centers in India	a) Hill Station- Manali and Mahabaleshwar b) Historical- Tajmahal and Raigadh fort c) National Parks- Kaziranga, Melghat	12

Reference Book

1. A Geography of Tourism: Robinson H. (1996)
2. Tourism Development, Principles and Practices: Bhatia A.K., Sterling Publisher Ltd., New Delhi
3. Geography of Tourism and Recreation: S. N. Singh (1985)
4. Tourism Today: A Geographical Analysis: Douglas Pearce (1987)

5. Tourism: Economic Physical and Social Impact: Mathiseson A. and Wall C, Logman, U.K.
6. India: A Tourist Paradise: Manoj Das.
7. Tourism Today: An Indian Perspectives: Maneet Kumar
8. Geography of Travel and Tourism: Hudman L.E.
9. Successful Tourism Management: Seth P.N. (1985) Sterling Publisher Ltd., New Delhi.
10. Tourism Analysis: Smith S.L.J.
11. Tourism in India: Gupta V.K.
12. Dynamics of Tourism: Kaul R. N., Sterline Publisher Ltd.
13. Geography of Tourism: S.B. Shinde, Phadke Prakashan, Kolhapur 2

CBCS PATTERN TYBA GEOGRAPHY

Semester VI
Geography of India -II DSE1 D(No. of Credits: 03)

Objective:

1. To acquaint the students with geography of our Nation.
2. To make the student aware of the magnitude of problems and Prospects at National level.
3. To help the students to understand the inter relationship between the subject and the society.
4. To help the students to understand the recent trends in regional studied

Sr. No	Unit	Subunit	No. of Lectures
1	Cultural Setting	a) Religions of India b) Languages of India c) Major tribes, tribal areas and their problems	12
2	Transportation & Communication	a) Role of Transportation in regional development of India b) Land ways, Airways and Waterways c) Developments in communication technology	12
3	Resources	a) Iron ore and Manganese b) Coal and Petroleum c) Hydro and Thermal Power	12
4	Agriculture	a) Significance of agriculture in Indian Economy. b) Agro Based Industries: Sugar, Cotton & Textile c) Agriculture Revolution in India: Green, White & Blue	12

Reference Books

1. Aher A.B , Chaodhari A. P & Chaodhari Archana. Regional Geography of India Prashant Publication Jalgaon 2015
2. Deshpande C.D: India-A Regional Interpretation Northern Book Centre, New Delhi.1992.
3. Farmer, B.H.: An Introduction to South Asia. Methuen, London, 1983.
4. Govt. of India: India - Reference Annual, 2001 Pub. Div, New Delhi, 2001.
5. Govt. of India: National Atlas of India, NATMO Publication, Calcutta..
6. Govt. of India: The Gazetteer of India. Vol I & III Publication Division, New Delhi, 1965.
7. Learmonth, A.T.A. et.al(ed.) : Man and Land of South Asia Concept, New Delhi.

8. Mitra, A.: Levels of Regional Development India Census of India, Vol I, Part I-A (i) and (ii) New Delhi, 1967.
9. Routray, J.K.: Geography of Regional Disparity Asian Institute of Technology, Bangkok, 1993.
10. Shafi, M: Geography of South Asia, McMillan & Co., Calcutta, 2000.
11. Singh, R.L.(ed.): India: A Regional Geography. National Geographical Society. India, Varanasi, 1971.
12. Spate, O.H.K. and Learmonth, A.T.A.; India and Pakistan - Land, People and Economy Methuen & Co., London, 1967.
13. P. G. Saptarshi, J. C. More, V. R. Ugale & A. H. Musmade :A Geographical Region of India : Diamond Publication (2009) (Marathi)
14. Patil S. G., Suryawanshi R. S., Pacharne S., Choudhar A. H. : Economic Geography, Atharav Prakashan, Pune. (2014) (Marathi).
15. Musmade Arjun. H., More J. C., 2015, Geography of India , Diamond, Pune.

Semester VI**Geography of Rural Development II DSE 1 D (No. of Credits: 03)****Objectives-**

1. To study the problems and policies related to education in rural areas.
2. To create awareness among the students about various area development programmes and Target Group Programmes implemented in India.
3. To create a positive approach for rural development among the students through the examples of successful case studies.

Sr. No.	Topic	Sub Topic	Learning Points	No. of Lectures
1	Education in Rural Areas	Problems	a) Problems in School Education b) School Dropouts c) Girl Child Education d) Sarva Siksha Abhiyan: National Literacy Mission	12
2	Area Development Programmes:	Programmes	a) Drought Prone Area Programme b) Command Area Development Programme c) Desert Development Programme d) Hill Area Development Programme	
3	Target Group Programmes	Programmes	a) Suwarnajayanti Gram Swoyam rojgar Yojana b) National Rural Livelihoods Mission c) Micro Finance d) Self-help Groups for Women Empowerment	12
4	Case Studies:	Case Studies	a) Study of a successful case: Hivare Bazar b) Study of successful case: Mendhalekha c) study of people's movement: Farmers' agitation against New laws, Chipco movement d) Study of your own village, to highlight issues and remedial measures of Rural area development	12

Reference Books

1. Vasant Desai: Rural Development in India, Himalaya Publishing House, Mumbai, 2012.
2. Singh, R.B. (1985): *Geography of Rural Development*. New Delhi, India: Inter India.

3. Mukherjee, Neela. (1993). *Participatory Rural Appraisal: Methodology and Application*. Delhi, India: Concept Pubs. Co.
4. Rural Development Satya Sundaram, Himalaya publication House Mumbai
5. Indian economy R. D. Sudharam Chand and co. Ramnagar New Delhi.
6. Commercial Geography Dr. B.S.Nagi. Kedarnath Ramnath publications Meerut,
7. Human Resource Development T.Y. Rao SAGE Publication New Delhi.
8. Katar Singh -Rural Development –Principles, Policies and Management.
9. Agricultural Geography (second edition) Jasbir singh and S.S. Dhillon Tata mc crow publication
10. Interrelation Technology and Globalization S.K. Bansal APII Publishing Corp. Ansari Rd. Dayranganj Delhi.
11. Economic Geography. Sadha –Khan 8. Ruural Energy criai S. Giriappa Himalaya Publishing House Mumbai
12. Anand, Subhash. (2013). *Dynamics of Rural Development*. Delhi, India: Research India Press.
13. Mukundan, N.-Rural Development and Poverty eradication in India.
14. Krishnamurthy, J. (2000). *Rural Development - Problems and Prospects*. Jaipur, India: Rawat Pubs.
15. Ramachandran, H., and Guimaraes, J.P.C. (1991). *Integrated Rural Development in Asia-Leaning from Recent Experience*. New Delhi, India: Concept Publishing.
16. Palione, M. (1984). *Rural Geography*. London, UK: Harper and Row.
17. Dutt and Sundaram- Indian Economy, S.Chand Publications, New Delhi, 2013-07-02.
18. Mishra, S.K. and Puri V.K. - Economics of Development and Planning, Himalaya Publishing House, Mumbai, 2012.
19. K Vijayakumar Empowerment of weaker section future planning and strategies for Rural Development in India.
20. Shankar Chatterjee- Implementation of Rural Development.
21. Gilg A. W., 1985: An Introduction to Rural Geography, Edwin Arnold, London.
22. Misra R. P. and Sundaram, K. V. (eds.), 1979: Rural Area Development: Perspectives

Semester VI**Practical Geography- II (Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report) DSE- 2 D****(No. of Credits: 04)**

Workload: Six Periods per week per batch consisting of 12 Students; however the last batch needs to have more than six students.

(Examination for the course will be conducted at the end of the semester)

Sr. No.	Topic	Sub Topic & learning Points	No. of Lectures
1.	Geographical Data & its Basic Analysis	a. Introduction and Types of Geographical Data: i) Spatial and Temporal data ii) Discrete and Continuous series iii) Grouped and Ungrouped data b. Basic Analysis : i) Tally marks and frequency table ii) Frequency distribution (histogram & polygon) iii) Cumulative Frequency & Ogive curve	15
2.	Calculation of Central Tendency, & Dispersion	a. Meaning and description of central tendencies- Mean, Mode, Median b. Calculation of Mean, Mode, Median for ungrouped and grouped data (two examples each) c. Measures of Dispersion: Mean Deviation & Standard Deviation (two examples each)	15
3.	Testing and Application of Hypothesis	a) Meaning, Definition of Hypothesis & Types of Hypothesis i) Null & Alternative hypothesis ii) Level of significance, iii) Degree of freedom b) Concept of Correlation and regression I. Concept of bivariate correlation & Regression II. Meaning of coefficient of correlation III. Parametric & Non parametric tests: i) Chi-square test (two examples each) IV. Calculation of Spearman Rank order (Min. two examples for each test)	15
4.	Field Excursion / Village Survey / Project Report	a. One Short tour of two days duration and preparation of tour report OR b. One long Tour of more than Five days duration anywhere in the country and preparation of tour report OR c. Village / City / Area Survey and preparation of report	15

Reference Books:

1. Acevedo, M. F., 2012. Data Analysis and Statistics for Geography, Environmental Science and Engineering, CRC Press.
2. Ahirrao, D. Y. and Karanjkehele, E.K., 2002. Pratyakshik Bhugol, Sudarshan Publication, Nashik.
3. Creswell J., 1994. Research Design: Qualitative and Quantitative Approaches, Sage Publications.
4. Dikshit, R. D., 2003. The Art and Science of Geography: Integrated Readings. Prentice-Hall of India, New Delhi.
5. Hammond, R. and McCullagh, P. S., 1977. Quantitative Techniques in Geography: An Introduction, Clarendon Press, Oxford.
6. Harris, R., Jarvis, C. 2011. Statistics for Geography and Environmental Science, Prentice Hall.
7. Jog. S. R. and Saptarshi, P. G., 1980. Sankhikhi Bhugol, Narendra Publication, Pune.
8. Karlekar, S. N. and Kale, M., 2006. Statistical Analysis of Geographical Data, Diamond Publication, Pune.
9. Kumbhar, A., 2000. Pratyakshik Bhugol, Sumeru Publications, Mumbai.
10. Mc Grew Jr., J. C., Lembo Jr., A. J., Monroe, C. B. 2014. An Introduction to Statistical Problem solving in Geography, 3rd ed, Waveland Press.
11. Pal. S. K., 1998. Statistical Methods for Geoscientists: Techniques and Applications, Concept Pub.co.
12. Robinson, A., 1998. "Thinking Straight and Writing That Way", in Writing Empirical Research Reports: A basic guide for students of the Social & Behavioral Sciences, eds. By F. Pryczak & R. Bruce Pryczak, Publishing, Los Angeles.
13. Rogerson, P. A., 2015. Statistical Methods for Geography: A Student's Guide, 4th ed, Sage.
14. Sarkar, A. 2015. Practical Geography: A Systematic Approach, 3rd ed, Orient Blackswan.
15. Singh R. L. and Dutt, P.K., 1968. Elements of Practical Geography, Students Friends, Allahabad.
16. Singh R. L., 2005. Elements of Practical Geography. Kalyani Pubishers, New Delhi.

17. Stoddard, R. H., 1982. Field Techniques and Research Methods in Geography, Kendall/Hunt.
18. Wokcatt, H. 1995. The Art of Fieldwork, Alta Mira Press, Walnut Creek, CA.
19. डॉ. प्रवीण सप्तर्षी, सांख्यिकी भूगोल , नीराली प्रकाशन, पुणे.
20. डॉ.काळे व्ही.बी. २०२१ 'प्रात्यक्षिक भूगोल' प्रशांत पब्लिकेशन, जळगाव.

CBCS PATTERN TYBA GEOGRAPHY

Semester VI
SEC 2 D
Value/ Skill based Course
Research Methodology – II
CREDIT - 2

Objectives:

1. To identify various sources of information for data collection.
2. Understanding of the conducting survey on various issues and develop the Report writing skill of students

Sr. No.	Topic	Sub-Topic	No. of Lectures
1	Methods of Data Collection	A) Primary Data Questionnaire Method i.) Questionnaire – definition ii.) Characteristics of a good questionnaire iii.) Merits and demerits Questionnaire Method B) Secondary Data i) Government Sources ii) Syndicated Sources iii) Other Types of Sources	10
2	Types of Research Report	i. Dissertation and Thesis, ii) Research paper, review article iii) Characteristics of Good Research Report Writing	10
3	Techniques of Research Report Writing	i) Structure and organization of research reports: Title, abstract, key words, introduction ii) Methodology, results, discussion, conclusion, references, footnotes, iii) Concepts of Case Study	10

References

1. Gaum, Carl G., Graves, Harold F., and Hoffman, Lyne, S.S., (1950): Report Writing, 3rd ed., New York: Prentice-Hall.
2. Kothari, C.R. (2004): Research Methodology: Methods and Techniques, New Age

- International (P) Ltd., New Delhi – 110002.
3. Kothari, C.R., (1984): Quantitative Techniques, 2nd ed., New Delhi: Vikas Publishing House Pvt. Ltd.
 4. Mishra Shanti Bhushan and Shashi A. (2011): Handbook of Research Methodology, Education Publishing, New Delhi – 110075.
 5. Pandey, P. and Pandey, M.M. (2015): Research Methodology: Tools and Techniques, Bridge Center, Romania, European Union.
 6. Tandon, B.C., (1979): Research Methodology in Social Sciences. Allahabad, Chaitanya Publishing House.
 7. Ullman, Neil R. (1978): Elementary Statistics, New York: John Wiley & Sons, Inc.
 8. Yamane, T., Statistics (1973): An Introductory Analysis, 3rd ed., New York: Harper and Row.

CBCS PATTERN TYBA GEOGRAPHY



Savitribai Phule Pune University

(Formerly University of Pune)

Three Year B.Sc. Degree Program in Geography

(Faculty of Science & Technology)

S.Y.B.Sc. (Geography)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2020-21

Title of the Course: B.Sc. Geography

Preamble of the syllabus:

- i. To introduce the students to the fundamentals concepts of Environmental Geography.
- ii. To acquaint the students with environmental protection laws, acts, planning and management.
- iii. To appraise the students with salient features of the Maharashtra State.
- iv. To acquaint the students with the principles of surveying, its importance, and its utility in the Geographical study.

Introduction: Pattern – CBCS: Semester (15 marks internal and 35 marks University)

Title of the Course: S.Y.B.Sc. Geography

Year	Semester	Course Type	Course code	Course Name	Credit
2	3	Compulsory Course	GG 231	Environmental Geography-I	2
			GG 232	Geography of Maharashtra (Physical)-I	2
			GG 233	Surveying-I	2
	4	Compulsory Course	GG 241	Environmental Geography-II	2
			GG 242	Geography of Maharashtra (Human)-II	2
			GG 243	Surveying-II	2

Equivalence of Syllabus in Geography (S.Y.B.Sc.) with effects from June 2020

Paper	Old Syllabus (2014)		New Syllabus-2020	
	Course Code	Name	Course code	Name
1	Gg 211:	Geography of Resources – I	GG 231	Environmental Geography -I
	Gg 211:	Geography of Resources – II	GG 241	Environmental Geography -II
2	Gg 212:	Watershed Management – I	GG 232	Geography of Maharashtra (Physical)-I
	Gg 212:	Watershed Management – II	GG 242	Geography of Maharashtra (Human)-II
3	Gg 201	Map Projections & Surveying	GG 233	Surveying-I
			GG 243	Surveying-II

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

Choice Based Credit System

(With effect from June 2020)

S.Y.B.Sc. Syllabus, Semester-III

Environmental Geography –I (Paper-I)

Course No: GG 231

No. of Credits: 02

No. of hours: 30

Objectives:

- To create environmental awareness amongst the students.
- To familiarize the students with fundamentals concepts of Environmental Geography.
- To acquaint the students to past, present, and future utility and potentials of resources at regional, national and global levels.
- To enable the students to understand dynamics of man–environment relationship in various region of the world.

Unit No.	Topic	Sub-Topics	Learning Points	Hours
1	Introduction to Environmental Geography	Introduction and Ecosystems	1. Introduction to Environmental Geography a) Meaning and definition b) Nature, scope and significance c) Types of environment. 2. Ecosystem: a) Definition and concept b) Structure (Biotic and abiotic factors) and function (Food chain, trophic level, food web, energy flow) c) Major types of ecosystem: Equatorial and River ecosystems	10
2	Man and environment relationship	The relationship between human life and environment in different regions	1. Human life in the mountain region 2. Human life in the desert region 3. Human life in the coastal region	6

3	Environmental Problems	Global issues and India's major problems	1. Major global environmental issues: Causes and effects of a) Climate change b) Stratospheric ozone depletion c) Biodiversity depletion 2. Major environmental issues in India: causes and effects of a) Loss of biodiversity b) Water pollution c) Air pollution d) Noise pollution e) Nuclear (Atomic) pollution	8
4	Specific Environmental issues in India	Major environmental crises in India and efforts to resolve them	1. Energy crisis: Impact and remedial measures 2. Major environmental movements in India: a) Western Ghat Conservation b) Chipko Movement c) Narmada Bachao Andolan	6

Reference Books:-

1. Chandna, R. C., (2002). Environmental Geography. Kalyani Publishers, Ludhiana.
2. Cunningham, W. P., and Cunningham, M. A., (2004). Principles of Environmental Science: Inquiry and Applications, Tata McGraw-Hill, New Delhi.
3. Gautam, A., (2007). Environmental Geography, Sharda Pustak Bhawan Allahabad
4. Gholap, T.N., (2000). Environment Science, Nishikant Publication, Pune (Marathi).
5. Goudie, A., (2001). The Nature of the Environment. Blackwell, Oxford.
6. Huggett, R.J., (1998). Fundamentals of Biogeography. Routledge, London.
7. Kormondy, E. J., (2012). Concepts of Ecology. PHI Learning Pvt. Ltd., New Delhi.
8. Miller, G. T., (2004). Environmental Science: Working with the Earth, 5th edition, Thomson/ Brooks Cole, Singapore.
9. Odum, E. P., (2006). Fundamentals of Ecology, 6th edition, Cengage Learning India.
10. Saxena, H.M., (2017). Environmental Geography. 3rd edition, Rawat Publication, Jaipur.
11. Sharma, P.D., (2015). Ecology and Environment. Rastogi Publications, Meerut.
12. Singh, R.B., (2009). Biogeography and Biodiversity. Rawat Publication, Jaipur.
13. Singh, R.B., (1998). Ecological Techniques and Approaches to Vulnerable Environment. Oxford & IBH Pub, New Delhi.
14. Singh, S., (1997). Environmental Geography. Prayag Pustak Bhawan. Allahabad.

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE**Choice Based Credit System**

(With effect from June 2020)

S.Y.B.Sc. Syllabus, Semester-III**Geography of Maharashtra (Physical)-I (Paper II)****Course No: GG 232****No. of Credits: 02****No. of hours: 30****Objectives:**

- i. To appraise the students with salient features of the Maharashtra State.
- ii. To familiarize the students with the climatic characteristics of the State.
- iii. To make the students aware of the geographic problems of Maharashtra in the view of sustainable development.

Unit No.	Topic	Sub-Topics	Learning Points	Hour
1.	Introduction to Geography of Maharashtra	Location, Extent, Administrative divisions	1. Location & extent of Maharashtra 2. Introduction to Maharashtra-Geology, Historical and political background 3. Administrative divisions of Maharashtra	06
2.	Physiography and Drainage of Maharashtra	Major physiographic divisions of Maharashtra Major rivers of Maharashtra	1. Physical Divisions of Maharashtra i. The Konkan Lowland ii. Western Ghat/Sahyadri iii. Maharashtra Plateau (<i>Desh</i>) 2. Major Rivers of Maharashtra i. East flowing rivers: Godavari, Krishna and Bhima ii. West flowing rivers- Tapi, Purna and Konkan rivers	08
3.	Climate	Characteristics and Seasons	1. Characteristics of climate in Maharashtra 2. Temperature and rainfall distribution in Maharashtra 3. Importance of monsoon in Maharashtra	08

4.	Soils and Natural Vegetation in Maharashtra	Soil: Types and distribution Soil degradation Methods of soil conservation Vegetation: Types and distribution Methods of forest conservation	A) Soils: 1. Types and distribution of Soils in Maharashtra 2. Problems of soil erosion and salinization: causes and effects 3. Methods of soil conservation: a) Afforestation b) Soil management c) Crop rotation d) Construction of dam 4. Role of Government in soil conservation in Maharashtra B) Natural Vegetation: 1. Types and distribution of forest in Maharashtra 2. Deforestation: Definition, meaning, causes and effects 3. Methods of Forest conservation a) Reforestation and afforestation b) Prevention of forest fire c) Social forestry and Tree Plantation d) Agroforestry 4. Role of Government in forest conservation in Maharashtra	08

Reference Books:-

1. Arunachalam B., (1967), Maharashtra – A study in Physical and Regional Setting, Sheth and Co., Mumbai.
2. Bhamare, S.M., (2013). Geography of Maharashtra, Prashant Publication, Jalgaon.
3. Dasatane S., (1992). Glimpse of Maharashtra. Dasatane Ramchandra and Co., Pune.
4. Deshpande, C. D., (1971). Geography of Maharashtra. National Book Trust, New Delhi.
5. Diddee, J., et al. (2002). Geography of Maharashtra, Rawat Publication, Jaipur.
6. Dixit, K.R., (1986). Maharashtra in Maps. Maharashtra State Board for Literature and Culture Mantralaya, Bombay (Mumbai).
7. Gadgil G. and Deshpande A., (1988), Maharashtra- Problems, potentials and prospects., Somaiya Publications, Mumbai.
8. Magar Jaykumar (2001). Bharatacha Bhugol. Vidya Publishers, Nagpur. (Marathi)
9. Patil, S. B., (2019). Geography of Maharashtra, Prashant Publication, Jalgaon.
10. Sarang Subhashchandra, (1997). Maharashtracha Bhugol, Vidya Prakashan, Nagpur. (Marathi)
11. Savadi, A.B., (2020). The Mega State -Maharashtra. Nirali Prakashan, Pune.
12. Singh, R. L., (2012). India: A Regional Geography, National Geographical Society of India (NGSI), Banaras.

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

Choice Based Credit System

(With effect from June 2020)

S.Y.B.Sc. Syllabus, Semester-III

Surveying –I (Paper III)

Course No. Gg. 233 No. of Credits: 02 No. of Practicals: 15 (4 Hours each Practical)

Note:

1. Each practical batch should **not have more than 12 students**.
2. A separate question paper should be set for each batch.
3. Four hours of one practical should be allotted.

Objectives:

- i. To acquaint the students with the principles of surveying, its importance, and its utility in the Geographical study.
- ii. To familiarize the students with the basic aspects of linear, vertical and angular measurements of surveying.
- iii. To understand the importance, basic principles and uses of GPS in surveying.
- iv. To identify sources and types of errors occurs during surveys.

(Per batch 12 students)

Sr. No.	Name of the Topic	Learning Points	No. of Practicals 15 (4 hours/Practical)
1	Introduction to Surveying	1. Meaning and Definition of Surveying 2. Types of Surveying, Classification of Surveys 3. Methods of Surveying. 4. Importance of Surveying in Geography 5. Introduction to recent surveying techniques: Drone, Total station, DGPS Survey, etc.	04
2	Plane Table Survey	1. Introduction 2. Instruments used in Plane Table Survey 3. Methods of Plane Table Survey: Radiation and Intersection Method (one example of each method) 4. Measurement and conversion of area in different units i. Sq. Meter to Guntha ii. Sq. Meter to Acre iii. Bigha to hectare iv. Sq. Foot to Acre v. Sq. Mile to hectare 5. Merits and Demerits of Plane Table Survey.	04

3	Prismatic Compass Survey	1. Introduction. 2. Structure and functions prismatic compass with diagram 3. Methods of Prismatic Compass Survey (Open and Close Traverse) 4. Correction of bearing and closing error by Bowditch Method 5. Merits and Demerits of Prismatic Compass Survey	04
4	GPS Survey	1. Introduction, Definition, and Components of GPS/ Segments of GPS 2. Applications of GPS. 3. GPS Survey (Plotting of area on a graph with the help of latitude and longitude) 4. Introduction about GPS based apps: Aarogya Setu ,Google Earth, GPS Essentials and Solar Calculator app	03

Reference Books:-

1. Bygott, J. (1955). Map work and Practical Geography. 5th Edition, University Tutorial Press, London.
2. Davis, R.E. and Foote, F.S. (1953). Surveying, McGraw-Hill Book Co., New York.
3. Deshpande, G.B. (1991). Surveying, Everest Publishing House, Pune
4. Kanetkar T.P. and Kulkarni S.V. (1983). Surveying and Levelling (Part I and II), Vidyarthi Gruha Prakashan, Pune.
5. Mishra, R.P, and Ramesh A. (2000). Fundamental of Cartography, Concept Publishing, Company, New Delhi.
6. Monkhouse, F.X.J. & Wilkinson, H.R. (1989). Maps & Diagrams, B.I Publications, Bombay.
7. Robinson, A.H. & Sleep, R.D. (1969). Elements of Practical Geography, John Wiley publications, New York.
8. Singh Gopal (1996). Map Work and Practical Geography, Vikas Publishing House Pvt. Ltd., New Delhi.
9. Singh, Lekhraj & Singh R. (1973). Map work and Practical, Central Book Depot. Allahabad.
10. Singh, R.C., and Dutta (1993). Elements of Practical Geography, Kalyani Publications, New Delhi.
11. Singh, R.L., and Kanaujia L.R.S. (1963). Map Work and Practical Geography, Central Book Depot, Allahabad.
12. Singh, R.L., and Singh, R.P.B. (1997). Elements of Practical Geography, Kalyani Publishers, New Delhi.

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE**Choice Based Credit System**

(With effect from June 2020)

S.Y.B.Sc. Syllabus, Semester-IV**Environmental Geography- II (Paper-I)****Course No: GG-241****No. of Credits: 02****No. of Periods: 30****Objectives:**

- i. To introduce the methods and assessments of the impact on the environment amongst the students.
- ii. To acquaint the students with environmental protection laws, acts, planning, and management.
- iii. To appraise the students with various indigenous environmental conservation measures.
- iv. To make aware the students about various programs and policies carried out in the regional and global scale.

Unit No.	Topic	Sub-Topics	Learning Points	Hours
1.	Environment Impact Assessment	Nature and methods	1. Environment Impact Assessment: Definition, Nature and Scope 2. Methods of Environment Impact Assessment: i. Adhoc method (Expert opinions and Expert panel discussion) ii. Predicting the severity of environmental impacts (Delphi methods) 3. Steps in Environment Impact Assessment	8
2.	Environmental Planning and Management	Principle of Environmental planning, Management and Protection.	1. Environmental planning: Definition, Principles and Concept 2. Aspects and Approaches to environmental management 3. Major environmental laws in India: i. Wildlife (Protection) Act -1972 ii. Forest (Conservation) Act.1980 iii. Environmental Protection Act- 1986	6

3.	Environmental Conservation in India	Measures of Environmental Conservation	1. Forest conservation 2. Energy conservation 3. Water conservation with respect to Ganga action plan 4. Solid waste management 5. Role of the Government and NGO in environmental conservation	8
4.	Environmental Programme and Policies	Policies in developed and Developing countries	1. The United Nations Environment Programme (UNEP) and initiative: i. Stockholm conference-1972 ii. Earth Summit, Rio de Janeiro-1992 iii. Kyoto Protocol-1997 iv. World Summit on Sustainable Development, Johannesburg-2002 v. Sustainable Development Summit, New York-2015 2. Major Programme for environmental protection and conservation in India: i. Tiger conservation ii. 33 crore tree plantation program in Maharashtra	

Reference Books:-

1. Chandna, R. C., (2002). Environmental Geography. Kalyani Publishers, Ludhiana.
2. Cunningham, W. P., and Cunningham, M. A., (2004). Principals of Environmental Science: Inquiry and Applications, Tata McGraw-Hill, New Delhi.
3. Gautam, A., (2007). Environmental Geography, Sharda Pustak Bhawan Allahabad
4. Gholap, T.N., (2000). Environment Science, Nishikant Publication, Pune (Marathi).
5. Goudie, A., (2001). The Nature of the Environment. Blackwell, Oxford.
6. Huggett, R.J., (1998). Fundamental of Biogeography. Routledge, London.
7. Ingale, S.T., et al., (2013). Environmental Studies, Prashant Publication, Jalgaon.
8. Kormondy, E. J., (2012). Concepts of Ecology. PHI Learning Pvt. Ltd., New Delhi.
9. Miller, G. T., (2004). Environmental Science: Working with the Earth, 5th edition, Thomson/ Brooks Cole, Singapore.
10. Odum, E. P., (2006). Fundamentals of Ecology, 6th edition, Cengage Learning India.
11. Saxena, H.M.,(2017). Environmental Geography. 3rd edition, Rawat Publication, Jaipur.
12. Sharma, P.D., (2015). Ecology and Environment. Rastogi Publications, Meerut.
13. Singh, R.B., (2009). Biogeography and Biodiversity. Rawat Publication, Jaipur.
14. Singh, R.B.,(1998). Ecological Techniques and Approaches to Vulnerable Environment. Oxford & IBH Pub, New Delhi.
15. Singh, S., (1997). Environmental Geography. Prayag Pustak Bhawan, Allahabad

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE**Choice Based Credit System**

(With effect from June 2020)

S.Y.B.Sc. Syllabus, Semester-IV**Geography of Maharashtra (Human)-II (Paper-II)****Course No: GG-242****No. of Credits: 02****No. of Periods: 30****Objectives:**

- i. To acquaint the students with the relationship between man and environment in Maharashtra State.
- ii. To familiarize the students with the agricultural pattern, problems and prospects in the state.
- iii. To study and understand the industrial sector, spatial distribution, development and problems faced within the state.
- iv. To know the status of transport and communication in Maharashtra state.

Sr. No.	Topic	Sub-Topic	Learning Points	Hour
1.	Population of Maharashtra	Population growth and distribution	1. Population growth in Maharashtra. 2. Population distribution in Maharashtra 3. Spatial distribution of religions in Maharashtra 4. Migration in Maharashtra: i. Interstate migration ii. Rural to Urban, Urban to urban migration	06
2.	Agriculture in Maharashtra	Types Problems and Prospects of Agriculture	1. Major food crops (Wheat, Rice, Bajra and Jowar) in Maharashtra 2. Major cash crops (Cotton, Sugarcane, Grapes and Onion) in Maharashtra 3. Problems and Prospects of Agriculture in Maharashtra	08
3.	Industries in Maharashtra	Types of Industries Industrial Development in Maharashtra	1. Major industries in Maharashtra (Cotton textile, IT industry) 2. MIDC and Industrial Development in Maharashtra 3. Problems and prospects of Agro-based industries in Maharashtra (Sugarcane and Wine Industry)	08

4.	Transport and Communication in Maharashtra	1.Transport 2.Communication	A) Transportation in Maharashtra (Road, Railway, Air and Water Transportation) B) Major Transportation Projects in Maharashtra: Express Highway, Samaruddhi Marg and Metro C) Communication in Maharashtra: Print media, Electronic media, Social media, etc.	08

Reference Books:-

1. Arunachalam B., (1967), Maharashtra – A study in Physical and Regional Setting, Sheth and Co., Mumbai.
2. Bhamare, S.M., (2013). Geography of Maharashtra, Prashant Publication, Jalgaon.
3. Census Report – 2011, Government of India.
4. Deshpande, C. D.,(1971). Geography of Maharashtra. National Book Trust, New Delhi.
5. Diddee, J., et al. (2002). Geography of Maharashtra, Rawat Publication, Jaipur.
6. Dixit, K.R., (1986). Maharashtra in Maps. Maharashtra State Board for Literature and Culture Mantralaya, Bombay (Mumbai).
7. Government of India: The Gazetteer of India,-1965. Vol. I & II, Publication Division, New Delhi.
8. Hange, A.K., and Waghmare, H.S.(2018). Geography of Maharashtra. Kailas Publications, Aurangabad. (Marathi)
9. Majid Hussain (2014): Geography of India, McGraw Hill Education (India) Private education, New Delhi.
10. Memoria, C. B.,(1986). Geography of India, Shival Agrawal & Co., Agra.
11. Negi, B. S. (1998). Economic and Commercial Geography of India, Kedarnath Ramnath Publications, New Delhi.
12. Savadi, A.B., (2020). The Mega State -Maharashtra. Nirali Prakashan, Pune.
13. Sharma, T.C., and Coutinho O. (1998). Economic and Commercial Geography of India. Vikas Publishing House, India.
14. Tirtha, R. (2002): Geography of India, Rawat Publication, Jaipur.

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE**Choice Based Credit System**

(With effect from June 2020)

S.Y.B.Sc. Syllabus, Semester-IV**Surveying – II (Paper-III)****Course No. GG-243 Total no. of Credits: 02 No. of Practicals: 15 (4 Hours each Practical)****Note:**

1. Each practical batch **should not have more than 12 students each.**
2. A separate question paper should be set for each batch.
3. Four hours of one practical should be allotted.

Objectives:

- i. To acquaint the students with the principles of surveying, its importance and utility in the Geographical study.
- ii. To familiarize the students with the basic aspects of linear, vertical, and angular measurements of surveying.
- iii. To introduce the importance, basic principles, and uses of GPS in surveying.
- iv. To identify sources and types of errors occurs during surveys.

Sr. No.	Name of the Topic	Learning Points	No. of Practicals 15 (4 Hours/Practical)
1	Dumpy/Auto Level Survey	1. Introduction 2. Structure and function of Dumpy Level / Auto Level with allied instruments 3. Methods of Dumpy Level/Auto Level Survey i. Collimation Method ii. Rise and Fall Method (One field survey of each method) 4. Examples on Collimation Method and Rise and Fall Method (One example each) with Arithmetic Check	05
2	Theodolite Survey	1. Definitions, concepts, and importance of Theodolite survey 2. Components of Theodolite survey, adjustments in theodolite 3. Types of Theodolite and Methods of Theodolite Surveys: Transit and non-transit theodolite Surveying and plotting: intersection method and Tacheometric (One example each)	04

3	Field Survey	1. Dumpy Level/Auto Level survey with plotting and report writing 2. Theodolite survey with plotting and report writing (Per batch one separate field survey for both the surveys)	04
4	Excursion or Village Survey	Visit to any geographically significant location anywhere in the country for all the students together. Or Socio-economic village survey	02

Reference Books:-

1. Bygott, J. (1955). Map work and Practical Geography. 5th Edition, University Tutorial Press, London.
2. Davis, R.E. and Foote, F.S. (1953). Surveying, McGraw-Hill Book Co., New York.
3. Deshpande, G.B. (1991). Surveying, Everest Publishing House, Pune
4. Kanetkar T.P. and Kulkarni S.V. (1983). Surveying and Levelling (Part I and II), Vidyarthi Gruha Prakashan, Pune.
5. Mishra, R.P. and Ramesh A. (2000). Fundamental of Cartography, Concept Publishing, Company, New Delhi.
6. Monkhouse, F.X.J. & Wilkinson, H.R. (1989). Maps & Diagrams, B.I Publications, Bombay.
7. Robinson, A.H. & Sleep, R.D. (1969). Elements of Practical Geography, John Wiley publications, New York.
8. Singh Gopal (1996). Map Work and Practical Geography, Vikas Publishing House Pvt. Ltd., New Delhi.
9. Singh, Lekhraj & Singh R. (1973). Map work and Practical, Central Book Depot. Allahabad.
10. Singh, R.C., and Dutta (1993). Elements of Practical Geography, Kalyani Publications, New Delhi.
11. Singh, R.L., and Kanaujia L.R.S. (1963). Map Work and Practical Geography, Central Book Depot, Allahabad.
12. Singh, R.L., and Singh, R.P.B. (1997). Elements of Practical Geography, Kalyani Publishers, New Delhi.

UNIVERSITY OF PUNE
BOARD OF STUDY IN ECONOMICS
M.A. ECONOMICS - PART I (CREDIT & SEMESTER SYSTEM)
SYLLABUS : FROM JUNE 2013

M.A. Part I Semester I		M.A. Part I Semester II	
Core courses Compulsory Paper		Core courses Compulsory Paper	
EC-1001	Micro Economic Analysis I	EC-2001	Micro Economic Analysis II
EC-1002	Public Economics I	EC-2002	Public Economics II
EC-1003	International Trade	EC-2003	International Finance
Non-Core course Any one of the following		Non-Core course Any one of the following	
EC-1004	Indian Economic Policy	EC-2004	Agricultural Economics
EC-1005	Labour Economics	EC-2005	Industrial Economics
EC-1006	Mathematical Economics	EC-2006	Statistical Technique

M.A. ECONOMICS PART I CREDIT & SEMESTER SYSTEM
REVISED SYLLABUS COMMITTEE.

Dr. Suhas Avhad	Chairman
Dr. N.R. Dangat	Coordinator
Dr. R.D.Jadhavar	BOS Member
Dr.Sahani Rohini	BOS Member
Dr. Santosh Dastane	Subject Expert
Dr. S.L. Matkar	Subject Expert
Dr. D.G Ushir	Subject Expert
Dr. Manjusha Musmade	Subject Expert

**M.A. Economics Part I Semester I
Core Course**

EC-1001 Micro-Economic Analysis–I

(This course will have *FOUR* credits.)

1: Introduction (6 Lectures)

- 1.1 The Basic Micro- Economic Problems of Scarcity and Choice.
- 1.2 Market and Price Mechanism
- 1.3 Disturbances to Equilibrium, Floor Price, Ceiling Price.

2. Consumer Theory (14 Lectures)

- 2.1 The Concept of and Measurement of Utility: Cardinal and Ordinal.
- 2.2 Theory of Consumer Choice: Marginal Utility Theory, Indifference Curve Approach, Income and Price Expansion Paths, Demand Curve.
- 2.3 Income and Substitution Effects: Slutsky and Hicksian approach.
- 2.4 Theory of Revealed Preference, Index Numbers.
- 2.5 Concept of Elasticity: Price, Income and Cross Elasticity.
- 2.6 Concept of Consumers' Surplus.
- 2.7 Preference Ordering

3. Production Theory (14 Lectures)

- 3.1 Production Function – One Input, Two Inputs: Isoquants.
- 3.2 Law of Variable Proportions, Returns to the Variable Factor, Returns to Scale, Cobb- Douglas Production Function.
- 3.3 Producer's Equilibrium with one and two inputs.
- 3.4 Cost Curves, Total, Average and Marginal Cost, Short Run and Long Run Costs, Economist concept of cost.
- 3.5 Concept of Total Revenue, Average Revenue and Marginal Revenue
- 3.6 Derivation of Supply curve, Firm and Industry, Short Run and Long Run.
- 3.7 Concept of Producers' Surplus

4. Equilibrium

(6 Lectures)

- 4.1 Partial and General Equilibrium.
- 4.2 Edgeworth Box Depiction of Competitive Market Equilibrium involving only Exchange.
- 4.3 Externality, Concept of Social Welfare

Recommended Books:

1. Hirschleifer J and A. Glazer (1997): Price Theory and Applications, Prentice Hall of India, New Delhi.
2. Stigler, G (1996): Theory of Price, Prentice Hall of India, New Delhi.
3. Arthur O Sullivan Micro Economics principles Applications and tools Pearson Publication. Delhi
4. D.N.Dwivedi (3011) Micro Economics - Pearson Publication new Delhi.
5. Sen, A.(1999): Micro Economics: Theory and Applications, Oxford University Press, New Delhi.
6. Misra S.K. and V.K. Puri (2001): Advanced Microeconomic Theory, Himalay Publishing House, New Delhi.
7. Kreps, David, M (1990): A Course in Microeconomic Theory, Princeton University Press.
8. Rubinfeld Pindyck: Microeconomic Theory and application, 7th edition, Pearson Education New Delhi.

M.A. ECONOMICS (PART – I) –Semester – I
Core Course
EC-1002 Public Economics I
(This course will have *FOUR* credits.)

PREAMBLE

Role and functions of the Government in an economy have been changing with the passage of time. The term ‘Public Finance’ has traditionally been applied to the package of those policies and operations which involve the use of tax and expenditure measures while budgetary policy is an important part to understand the basic problems of use of resources, distribution of income, etc. There are vast areas of fiscal institutions — tax systems, expenditure programmes, budgetary procedures, stabilization instruments, debt issues, levels of government, etc., which raise a spectrum of issues arising from the operation of these institutions.

1: Introduction (10 Lectures)

- 1.1 Role of Government in Organized Society
- 1.2 Changing Perspective — Government in a Mixed Economy: Public and Private Sector
- 1.3 Government as an agent for Economic Planning and Development
- 1.4 Private Goods, Public Goods, and Merit Goods

2: Rationale for Public Policy (10 Lectures)

- 2.1 . Allocation of Resources — Provision of Public Goods.
- 2.2 Voluntary Exchange Models
- 2.3 Impossibility of decentralized provision of Public Goods
- 2.4 contributions of Samuelson and Musgrave Demand Revealing Schemes for public goods Contributions of Clarks, Groves
- 2.5 Leyard, Tiebout model, Theory of Club Goods; Stabilization Policy

3: Public Expenditure (10 Lectures)

- 3.1 Wagner’s Law of Increasing State Activities
- 3.2 Wiesman- Peacock Hypothesis; Pure Theory of Public Expenditure
- 3.3 Structure and Growth of Public Expenditure
- 3.4 Criteria for Public Investment; Social Cost-Benefit Analysis, Project Evaluation, Estimation of Costs, Discount Rate.
- 3.5 Reforms in Expenditure Budgeting; Programme Budgeting and Zero Base Budgeting. Outcome of Budget and performances.

4. Taxation

(10 Lectures)

- 4.1 Theory of Incidence; Alternative concepts of Incidence
- 4.2 Allocative and equity aspects of Individual Taxes;
- 4.3 Benefit and Ability to Pay Approaches
- 4.4 Theory of Optimal Taxation; Excess Burden of Taxes;
- 4.5 The problem of Double Taxation.
- 4.6 Shifting of Tax Burden

BASIC READING LIST

- Goode, R. (1986), Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
- Houghton, J.M. (1970), The Public Finance: Selected Readings, Penguin, Harmondsworth.
- Rajesh K.Jha (2012) Public Finance. Pearson Publication New Delhi

ADDITIONAL READING LIST

- Cornes, R. and T. Sandler (1986), The Theory of Externalities, Public Goods and Club Goods, Cambridge University Press, Cambridge.
- Duff, L. (1997), Government and Market, Orient Longman, New Delhi.
- Herber, B.P. (1967), Modern Public Finance, Richard D. Irwin, Homewood.
- Spulber, N. (1998), Redefining the State, Cambridge University Press, Cambridge.
- Buchanan, J.M. (1968), The Demand and Supply of Public Goods, Rand McNally, Chicago.
- Mueller, D.C. (1979), Public Choice, Cambridge University Press, Cambridge.
- Spulber, N. (1998), Redefining the State, Cambridge University Press, Cambridge.
- Stiglitz, J.E. (1986), Economics of Public Sector, Norton, New York.
- Dorfman, R. (Ed.) (1970), Measuring the Benefits of Government Investment, Brookings Institution, Washington.

M.A. Economics Part I Semester I
Core course

EC 1003- International Trade
(This course will have *FOUR* credits.)

1 – Overview of Classical and Modern Trade Theories (18 lectures)

- 1.1 Ricardo and the concept of Comparative Cost Theory
- 1.2 Opportunity Cost –Heckscher Ohlin Theorem,
- 1.3 Verification of Physical Criterion and Price Criterion,
- 1.4 Leontief Paradox – Factor Price Equalization and explanation with Edgeworth Box Diagram
- 1.5 New theories of Trade, Product Life Cycle and Technology Gap Models,
- 1.6 Preference similarity and Intra-Industry Trade,
- 1.7 Economies of Scale and Monopolistic Competition –
- 1.8 Krugman- Theory of Economic Geography
- 1.9 Neo-Heckscher Ohlin theorem

2 – Terms of Trade (4 lectures)

- 2.1 Concepts of Net Barter Terms of Trade,
- 2.2 Gross Barter Terms of Trade, Factors affecting Terms of Trade
- 2.3 Terms of Trade and Economic Development

3 – Trade Policy (8 lectures)

- 3.1 Free Trade vs. Controlled Trade,
- 3.2 Tariffs and Non-Tariff Barriers on Trade,
- 3.3 Effects of Tariffs under Partial Equilibrium. (Price Effect, Terms of Trade Effect, Competitive Effect, Income Effect, Revenue Effect)
- 3.4 Effects under General Equilibrium, Stolper – Samuelson Theorem

4 GATT, WTO and world Trade (10 lectures)

- 4.1 International Trade Agreements.
- 4.3 Dunkel Proposal.
- 4.3 WTO- Important Agreements under, Major developments since 1995, Expected effects on the Indian Economy.

- 4.4 Features of Global Trade Growth,
- 4.5 Composition of the Global Trade Growth,
- 4.6 Growth of trade in Services, Developing Countries and participation in Global Trade

Recommended books

- Paul R. Krugman & Maurice Obstfeld (2009) International Economics Theory and Policy. Pearson Education Publication New Delhi
- James Gerber (2012) International Economics Pearson Publication. New Delhi
- Chacholiades, M. (1990), International Trade : Theory and Policy, McGraw Hill, Kogakusha, Japan.
- Kindleberger, C.P. International Economics, R.D. Irwin, Homewood.
- Salvatore, D. (1997), International Economics, Prentice Hall, Upper Saddle River, N.J., New York.
- Soderston, Bo (2005), International Economics, The Macmillan Press Ltd., London.

M.A. Economics Part I Semester I
[Non-core course]

EC-1004 Indian Economic Policy

(This course will have *FOUR* credits.)

Preamble- The candidates at the post-graduate level are expected to analyze various issues pertaining to India's economic development. The performance of the economy is to be assessed on the backdrop of various Five Year Plans implemented in the economy. Wherever possible, critical appraisal is expected by taking cognizance of the contemporary developments in the economy.

1. Framework of Indian Economy

8 lectures

- 1.1. National Income: Trends and Structure of National Income
- 1.2. Demographic Features and Indicators of Economic Growth and
Development Rural-Urban Migration and issues related to Urbanization
- 1.3. Poverty debate and Inequality, Nature, Policy and Implications
- 1.4. Unemployment-Nature, Central and State Government's policies, policy
implications, Employment trends in Organized and Unorganized Sector

2. Development Strategies in India

12 lectures

- 2.1. Agricultural- Pricing, Marketing and Financing of Primary Sector
- 2.2. Economic Reforms- Rationale of Economic Reforms, Liberalization,
Privatization and Globalization of the Economy,
- 2.3 Changing structure of India's Foreign Trade
- 2.4. Role of Public Sector- Redefining the role of Public Sector, Government
Policy towards Public Sector, problems associated with Privatization, issues
regarding Deregulation-Disinvestment and future of Economic Reforms

3. The Economic Policy and Infrastructure Development

15 lectures

- 3.1. Energy and Transport
- 3.2. Social Infrastructure- Education, Health and Gender related issues, Social
Inclusion
- 3.3. Issues and policies in Financing Infrastructure Development

3.4. Indian Financial System- issues of Financial Inclusion, Financial Sector Reforms-review of Monetary Policy of R.B.I. Capital Market in India.

4. The Economic Policy and Industrial Sector

5 lectures

4.1. Industrial Sector in Pre-reforms period, Growth and Pattern of Industrialization

4.2. Industrial Sector in Post-reform period- growth and pattern of Micro, Small, Medium Enterprises s, problems of India's Industrial Exports

4.3. Labour Market- issues in Labour Market Reforms and approaches to Employment Generation

Basic Reading List

- Brahmananda, P.R. and V.A. Panchmukhi.[2001], Ed. '*Development Experience in Indian Economy, Inter-state Perspective,*' Bookwell, New Delhi.
- Gupta,S.P.[1989], '*Planning and Development in India: A Critique,*' Allied Publishers Private Limited, New Delhi.
- Bhagwati, Jagdish.[2004], '*In Defense of Globalization,*' Oxford University Press, U.K.
- Dhingra, Ishwar //C.[2006], '*Indian Economy,*' Sultan Chand and Sons, New Delhi.
- Datt, Ruddar and Sundaram, K.P.M.[Latest edition] , '*Indian Economy,*' S. Chand and Co, New Delhi.

M.A. Economics Part- I Semester I
[Non-core course]

EC- 1005 Labour Economics

(This course will have *FOUR* credits.)

Lectures.

1 Introduction. (8)

- 1.1 Meaning- Concept, Significance and Peculiarities of Labour.
- 1.2 Nature, Scope and Importance of Labour Economics.
- 1.3 Characteristics of Indian Labour Market.

2 Wage Determination (8)

- 2.1 Marginal Productivity Theory, Theory of Collective Bargaining, Modern Theory of Wages.
- 2.2 Minimum Wage and Fair Wage.
- 2.3 Wage Determination in – Organised- Unorganised Sector.
- 2.4 Evolution and Features of Wage Policy in India.

3 Migration and Absenteeism (8)

- 3.1 Approaches to Labour Migration trends & effects of Migration.
- 3.2 Absenteeism to Industrial Labour in India, causes, effects and remedies.
- 3.3 Labour turnover - Trends in Labour Turnover in India.

4 Industrial Relations. (8)

- 4.1 Labour Unions in India- Growth, Pattern, Structure and Achievements of Labour Union in India.
- 4.2 Causes of Industrial Disputes and their settlement and preventive mechanism.
- 4.3 Current trends in Collective Bargaining
- 4.4 Social Security Measures.

5 Labour Market reforms.

(8)

5.1 Exit Policy

5.2 Child Labour Policy in India

5.3 Problems and Policy of Female Workers in India.

5.4 Labour Relations in India.

5.5 Contract Labour

Reference Books :

- Datt, G (1996), Bargaining Power, Wages and Employment : An Analysis of Agricultural, Labour : Markets in India : Sage Publications, New Delhi
- Hajela, P.D.(1998), Labour Restructuring in India : A Critique of the New Economic Policies, Commonwealth Publishers, New Delhi.
- Jhabvala, R. and R.K. Subrahmanya (Eds) (2000), The Unorganised Sector : Work Security and Social Protection : Sage Publications, New Delhi.
- Lester, R.A.(1964), Economics of Labour (2nd Edition), Macmillan, New York.
- McConnell, C.R. And S.L. Brue (1986), Contemporary Labour Economics, McGraw-Hill, New York.
- Papola, T.S.P.P. Ghosh and A.N.Sharma (Eds)(1993). Labour, Employment and Industrial Relations in India, B.R.Publishing Corporation, New Delhi.
- Rosenberg M.R. (1988), Labour Markets in Low Income Countries in Chenery
- T.N.Srinivasan (Eds) The Handbook of Development Economics North Holland, New York.
- Venkata Ratnam, C.S.(2001), Globalization and Labour- Management Relations : Dynamics of Changes, Sage Publications/Response Books, New Delhi.

M.A. Economics Part I Semester I
[Non-core course]

EC 1006- Mathematical Economics
(This course will have *FOUR* credits.)

1 : Review of concepts **(6 lectures)**

- 1.1 The concept of Sets, Real and Number System.
- 1.2 Use of Graphs; Identities, Equations and Inequalities.
- 1.3 Power of Number; Logarithms and their Properties.
- 1.4 Binomial Theorem; Sequences and their Formulas.

2.: Functions of a Single Dependent Variable: **(8 lectures)**

- 2.1 Algebraic, Exponential and Logarithmic.
- 2.2 Explicit, Implicit, and Inverse Functions.
- 2.3 Polynomial functional Diagrammatic Representation of Higher Order Function of a Single Variable.
- 2.4 Market Demand, Supply Curves, Total Revenue, Cost Functions.

3.: Extensions to function of more than two independent variables (4)

- 3.1 Indifference Curves, General Production Function, Isoquants.
- 3.2 Production Possibility Frontiers and its use in Economics.

4. Matrix algebra **(6 lectures)**

- 4.1 Elementary operations of Addition, Multiplication etc.
- 4.2 Transpose and Inverse of Matrices. Rank of a Matrix.
- 4.3 Solution of Simultaneous Equation using Matrices.

5.: Differential Calculus **(8 lectures)**

- 5.1 Limits of functions, Continuity at a point, Over and Interval,
- 5.2 Rules of Differentiation Including Product, Quotient, and Chain Rule.
- 5.3 Derivatives of Implicit Functions, Partial Derivatives, Constrained Optimization.

5.4 Profit Maximization in the different types of Markets.

5.5 Price Discrimination by Monopolist to Maximize Profits.

6.Integration

(8 lectures)

6.1 Indefinite integral of Algebraic, Exponential and Logarithmic Functions.

6.2 Define Integrals.

6.3 The relation between Average and Marginal concepts.

6.4 Capital values under Continuous Interest.

Books

Allen R.G.D.: Mathematical Analysis for Economics

Chaing A: Fundamental Methods of Mathematical Economics

UNIVERSITY OF PUNE
REVISED SYLLABUS FOR M.A. ECONOMICS
CREDIT & SEMESTER SYSTEM
From June 2013

M.A. Economics Part- I Semester II
Core Course

EC-2001 Micro Economic Analysis – II
(This course will have *FOUR* credits.)

- 1. Classification of Markets** (4 Lectures)
 - 1.1 Classification of Markets.
 - 1.2 Perfect Competition - Short Run and Long Run Equilibrium
- 2 Monopoly** (10 Lectures)
 - 2.1 Short Run and Long Run Equilibrium of a Single Firm an Industry under competitive conditions
 - 2.2 Equilibrium of a Firm under Monopoly (Short Run and Long Run)
 - 2.3 Price Discrimination under Monopoly, different types.
 - 2.4 Comparison of Monopoly and Perfectly Competitive Market outcomes.
 - 2.5 Regulation of Monopoly Power.
- 3. Imperfect Competition** (10 Lectures)
 - 3.1 Monopolistic Competition, Price and Non-price competition, Equilibrium.
 - 3.2 Product Differentiation, Selling Costs and Excess Capacity.
 - 3.3 Oligopoly, Basic market structure, Non-collusive oligopoly, Cournot- Bertrand Solution.
 - 3.4 Collusive Oligopoly, Cartels, Price and Output Determination
 - 3.5 Game Theory, Basic Concepts, Dominant Strategy Equilibrium, Nash Equilibrium, Repeated and Sequential Games.
- 4. Alternative Theories of the Firm** (6 Lectures)
 - 4.1 Goal of Profit Maximization and Alternative Theories of the Firm.
 - 4.2 Baumol's Sales Revenue Maximization Model.
- 5. Theory of Distribution and Welfare Economics** (10 Lectures)
 - 5.1 Marginal Productivity Theory.
 - 5.2 Product Exhaustion Theorem. (Euler's Theorem)
 - 5.3 Piguo's Welfare Theorem
 - 5.4 Pareto Optimality
 - 5.5 Social Welfare Function, Compensation Criteria.
 - 5.6 Arrow's Impossibility Theorem.

Recommended Books:

1. Varian, Hal (1996): Intermediate Microeconomics, W.W. Norton and Company, New York.
2. Hirschleifer J and A. Glazer (1997): Price Theory and Applications, Prentice Hall of India, New Delhi.
3. Stigler, G (1996): Theory of Price, Prentice Hall of India, New Delhi.
4. H.Gravelle and R.Rees (2007) Microeconomics Pearson Publication New Delhi
5. James Gerber (2012) Microeconomics, Pearson Publication New Delhi
6. Robert Pindyck, (2009) Microeconomics, Pearson Publication New Delhi
7. Sen, A.(1999): Micro Economics: Theory and Applications, Oxford University Press, New Delhi.
8. Misra S.K. and V.K. Puri (2001): Advanced Microeconomic Theory, Himalay Publishing House, New Delhi.
9. Kreps, David, M (1990): A Course in Microeconomic Theory, Princeton University Press.
10. Dominick Salvatore: Principles of Microeconomics, Oxford University Press 5th edition.
11. William J. Baumol and Alan H. Blinder: Microeconomics-Principle and Policy, 9th edition.
12. Thomson Waldman Jenhen: Industrial Organization, 3rd edition Pearson Education New Delhi.

M.A. Economics Part- I Semester II
Core Course

EC-2002 Public Economics II

(This course will have *FOUR* credits.)

1. Public Debt

(10 Lectures)

- 1.1 Classical view of Public Debt;
- 1.2 Compensatory aspect of Debt Policy
- 1.3 Sources of Public Debt; Debt through created Money
- 1.4 Public Borrowings and Price Level
- 1.5 Crowding Out of Private Investment and Activity
- 1.6 Principles of Debt Management and Repayment
- 1.7 Burden of Public Debt on Indian Economy.

2. Fiscal Policy

(10 Lectures)

- 2.1 Objectives of Fiscal Policy, Interdependence of Fiscal and Monetary Policies
- 2.2 Fiscal Policy for Stabilization - Automatic vs. Discretionary Stabilization.
- 2.3 Budget – Meaning and Components. Preparation, Presentation and Execution of Budget.
- 2.4 Economic Classification of Budget.
- 2.5 **Budget** Deficits and Their Implications.
- 2.6 Trends in Expenditure of Union, State and Local Bodies since 1991.
- 2.7 Balanced Budget Multiplier.

3 Indian Fiscal Federalism

(10 Lectures)

- 3.1 Fiscal Federalism in India;
- 3.2 Vertical and Horizontal Imbalance
- 3.3 Assignment of Function and Sources of Revenue
- 3.4 Constitutional provisions; Finance Commission and Planning Commission
- 3.5 Devolution of Resources and Grants
- 3.6 Theory of Grants; Resource transfer from Union to States — Criteria for Transfer of Resources
- 3.7 Centre-State Financial Relations in India
- 3.8 Problems of States' Resources and Indebtedness
- 3.9 Transfer of resources from Union and States to Local Bodies.

4 Indian Public Finances

(10 Lectures)

- 4.1 Indian Tax System
- 4.2 Revenue of the Union, States and Local Bodies
- 4.3 Major Taxes in India - Direct and Indirect Taxes, Taxation of Agriculture, Expenditure Tax,
- 4.4 Reforms in Direct and Indirect Taxes, Taxes on Services;
- 4.5 Non-tax Revenue of Centre, State and Local Bodies
- 4.6 Analysis of Central and State Government Budgets
- 4.7 Fiscal Sector Reforms in India
- 4.8 Budget Management & Kelkar Committee Recommendations

Reading List :-

- Shome, P. (Ed.) (1995), Tax Policy : Handbook, Tax Division, Fiscal Affairs Department, International Monetary Fund, Washington D.C.
- .Tripathy R.N. Public Finance in Underdeveloped Countries.
- Rajesh K.Jha (2012) Public Finance. Pearson Publication New Delhi
- Dr. Joshi P.L. Zero Base Budgeting Technology in Government, Dhruv and Deep Books, Bombay.
- .Dr.Tyagi B.P., Public Finance, Jai Prakash Nath Pub.Meerat (UP).
- Mithani D.M. Principles of Public Finance and Fiscal Policy Himalaya Publishing House, New Delhi.
- Ruddar Datt and K.P.M. Sundharam (2006), Indian Economy, S.C.Chand and Company Ltd, New Delhi.
- Ashutosh Raravikar, Fiscal Deficit and Inflation in India, Macmillan India Ltd. New Delhi

M.A. Economics Part- I Semester II
Core Course

EC - 2003- International Finance
(This course will have *FOUR* credits.)

1. Balance of Payments

(8 Lectures)

- 1.1 Balance of Trade and Balance of Payments- Meaning, Structure and Components
- 1.2 Balance of Payments Disequilibrium- Causes of Disequilibrium;
- 1.3 Correction of Disequilibrium-Automatic Correction, Deliberate Correction,
- 1.4 Foreign Trade Multiplier- Meaning and Working- Implications of Foreign Trade Multiplier- Limitations of Foreign Trade Multiplier.
- 1.5 Policies for Internal and External Balance-Fiscal and Monetary Policy Under Fixed and Floating Exchange Rates
- 1.6 Devaluation of Indian Rupee- Devaluation of 1966 and 1991.

2. Foreign Exchange

(10 lectures)

- 2.1 Functions of Foreign Exchange Market- Transfer of Purchasing Power, Provision of Credit, Provision of Hedging Facilities
- 2.2 Transactions in the Foreign Exchange Market- Spot and Forward and Exchanges, Futures, Swap Operation, Arbitrage
- 2.3 Determination of Rate of Exchange- Purchasing Power Parity Theory, Balance of Payments Theory, Monetary Models.
- 2.4 Exchange Control-Scope of Exchange Control, Objectives and Methods of Exchange Control.
- 2.5 Exchange Rate Systems- Fixed and Flexible Exchange Rates-Case for and against Fixed and Flexible Exchange Rates
- 2.6 Current and Capital Account Convertibility –Meaning, Benefits, Prerequisites and Problems
- 2.7 Currency Exchange Risk and their Management
- 2.8 Foreign Exchange Management Act- Objectives and Features

3. International Capital Flows

(8 lectures)

- 3.1 Classification of International Capital Flows-Direct and Portfolio Investment, Government, Institutional and Private Capital, Short term and Long term Capital, Home and Foreign Capital, Foreign Aid
- 3.2 Importance and Role of Foreign Capital-Trade and Investment, Theories of International Investment.
- 3.3 Factors Affecting International Capital Movements
- 3.4 Growth and Dispersion of FDI

4 International Banking and Eurocurrency Market

(8 lectures)

- 4.1 International Banking-Factors Leading to Growth of International Banks, Types of International Banking Offices, Offshore Financial Centres, Non-Banking Financial Companies
- 4.2 Eurocurrency Market- Meaning and Scope, Feature, Origin and Growth, The Participants, Supply and Demand

5. International Economic Organizations

(6 lectures)

- 5.1 International Monetary Fund
- 5.2 World Bank
- 5.3 International Development Association
- 5.4 International Finance Corporation
- 5.5 Asian Development Bank

Suggested Readings:

1. Heller, Robert H., NJ: International Monetary Economics Prentice Hall, Englewood Cliffs
2. Kindleberger, Charls P., D.B. International Economics, Taraporewala and Sons, Mumbai
3. Rugel, Thomas A. International Economics, McGraw Hill, New Delhi.
4. Ellsworth P.T. and Clark J. Leith, The International Economy New York Macmillan Publishing Co.
5. RBI, Report ON Currency and Finance (annul).
6. Gowda, Venkatagiri K., Eurodollar Flows and International Monetary Stability, Geetha Book House, Mysore.
7. Verghese, S.K., Foreign Exchange and Financing of Foreign Trade, Vikas Publishing House, New Delhi.
8. Heller, Robert, H., International Monetary Economics Prentice Hall, Cliffs.
9. Salvatore, Dominick, International Economics Macmillan, New York Publishing Co. New York

10. Economic Survey, Government of India (annual).
11. Jalan Bimal, India's Economic Crisis, Oxford University Press, Oxford
12. M.L.Zingan, International Economics Vrinda Publications, Delhi.
13. K.R.Gupta,; International Economics; Atma Ram and Sons, Delhi

M.A. Economics Part- I Semester II
Non-Core course

EC.2004- Agricultural Economics
(This course will have *FOUR* credits.)

- 1 – Introduction. (8)
 - 1.1 Place of Agriculture in Indian economy.
 - 1.2 Trends .Agriculture Productivity
 - 1.3 Agricultural Development under Five Year Plans.
 - 1.4 S.E.Z Policy. – Agriculture
- 2 Agriculture Labour (8)
 - 2.1 Problems of Agriculture Labour.
 - 2.2 Efficiency of Agriculture Labour
 - 2.3 Impact of Mechanization on Agriculture Labour.
 - 2.4 National Employment Guarantee Scheme.
- 3 Agricultural credit. (8)
 - 3.1 Co-operative Credit Structure.
 - 3.2 Role of NABARD
 - 3.3 Role of Commercial Banks.
 - 3.4 Micro Finance --Meaning, Role, and Trends.
 - 3.5 Issues of Agriculture Subsidies.
- 4 Agriculture Marketing. (8)
 - 4.1 Problems of Agriculture Marketing in India.
 - 4.2 Agriculture -Marketing and Price System in India
 - 4.3 Problems of Agriculture – Export- Imports.
 - 4.4 Processing of Farm Products.
 - 4.5 Agreements of WTO in Agriculture
- 5 Sustainable Agriculture. (8)
 - 5.1 Bio Technology – Meaning and Trends
 - 5.2 Organic Farming – Present status and Future.
 - 5.3 Contract Farming - Present Status and Future.

5.4 Diversification of Agriculture in India (High Technology in Agriculture.)

5.5 Agricultural Management – Concept , Recent trends and Problems.

5.6 Food Securities in India.

Reference Books. :

- Datt R. & K.P.M Sundharm (2007) Indian Economy, S.Chand & Co.Ltd.Delhi.
- Misra S.K. & V.K.Puri (2007) Indian Economy – Himalaya Publication house Mumbai.
- Gopal Ji & SumanBhakari ‘Indian Economy (2012) Performance and Policies Pearson Publication Delhi
- Agrawal A.N. Indian Economy Problem of Development and Planning 06.
- Johnson P.A Development Issues of Indian Economy (2003) Manan Prakashan.
- Kapila Uma (ed) Indian Economy Since Independence, Academic Foundation (2003)
- Dewett Kewal : Indian Economy C.Chand & Co.Ltd, New Delhi 2005.
- B.N.P singh : Indian Economy Today Changing Contours. Deep and Deep pub. 05.
- Mamoria C.B.Agricultural Problems of India Kitab Mahal Pub. 2005.
- M.P.Singh- Indian Economy Today- Problems Planning and Development. (2004) Deep and Deep Publication.
- Singh Acharya, Sagar – Sustainable Agricultural Poverty and Food Securities (2002) Rawat Publication Jaypur Vol- I & II
- Ajit Singh and Tabatabai – Economic crisis and Third world Agriculture, Combries University Press.
- Gulati & Kelley – Trade Liberalization of Indian Agriculture, (1999), Oxerpert University press.
- C.S. Prasad – Sixty years of Indian Agriculture – New Delhi 2006.
- Hansra Parumal and Chandrakarn – Modernization of Indian Agriculture in 21st century challenges, opportunity and strategies, Concept Publication Co. New Delhi.
- Norten and Allwinding – The Introduction to Economic and Agricultural Development Mac Graw Hill Co. Publication, New Delhi.
- Wakatash – Development Agricultural Technology, Rawat Publications.

M.A. Economics Part- I Semester II
[Non-core course]

EC 2005- Industrial Economics
(This course will have *FOUR* credits.)

Preamble- The candidates are expected to understand the process of industrialization as a part of rapid economic development. Excepting a few references to the theoretical background the study aims at the analysis of the performance of the industrial economy of India on the backdrop of the contemporary development.

1. Introduction

6 lectures

- 1.1 industrial economics - Meaning, scope, need and significance of the study
- 1.2 Industrial Structure - private sector, large, medium and small scale industries, cottage industries,
- 1.3 role, problems and future of public sector industries
- 1.4 Industrial Combinations- causes, mergers and amalgamations, industrial monopoly-control of monopolies

2. Theories of Industrial Location

06 lectures

- 2.1 Factors influencing location of industries
- 2.2 Theories of Industrial location, Weber, Sargent Florence
- 2.3 Need for balanced regional development of industries.- role of SIDC's

3. Industrial Productivity and efficiency

10 lectures

- 3.1 Industrial Productivity- norms and measurement
- 3.2. Factors affecting productivity and capacity utilization
- 3.3. Importance of productivity in the competitive environment
- 3. 4.Measures required for improving productivity and efficiency
- 3.5. Trends in India's industrial employment- Measures of generating industrial employment.

4. Industrial Finance

08 lectures

- 4.1. Meaning, scope, importance of industrial finance
- 4.2.Sources of industrial finance- private, public and cooperative sector, shares, debentures, bonds, deposits, loans etc.
- 4.3. Foreign capital- need, government's policy, direct investment, foreign institutional investment,
- 4.4 form of foreign Capital : Euro issues, GDR, ADR, External commercial borrowings

5. Indian Industrial Growth

10 lectures

- 5. 1. Industrial policy : Trends in industrial growth since 1991
- 5.2. Performance and problems of Micro, Small, Medium Enterprises
- 5.3. Role of MNC's in India
- 5.4. Problems of regional imbalance and industrial growth in India

Basic Reading List

- Ahluwalia I.J. [1985], '*Industrial Growth in India*,' Oxford University Press, New Delhi.
- P.R.N.Sinha Indu Bala Sinha (2010) *Industrial Relation Trade Unions and Labour Legislation* Pearson Publication. New Delhi
- Barthwal R.R. [1985], '*Industrial Economics*,' Wiley Eastern Ltd., New Delhi.
- Cherunilam, F.[1994], '*Industrial Economics: Indian Perspective*,' Himalaya Publishing House, Mumbai.
- Desai, B. [1999], '*Industrial Economics in India*,' Himalaya Publishing House, Mumbai.
- Divine, P.J. and R.M. Jones et.al.[1976], '*An Introduction to Industrial Economics*,' George, Allen and Unwin Ltd., London.
- Government of India, *Annual Economic Survey*.
- Hay, D. and D.J. Morris[1979], '*Industrial Economics, Theory and Evidence*.' Oxford University Press, New Delhi.
- Kuchhal, S.C. [1980], '*Industrial Economy of India*,' Chaitanya Publishing House, Allahabad.
- Reserve Bank of India, *Annual Report on Currency and Finance*.
- Singh, A. A.N. Sandhu.[1988], '*Industrial Economics*,' Himalaya Publishing, House, Mumbai.

M.A. Economics Part- I Semester II
[Non-core course]

EC-2006 Statistical Technique

(This course will have *FOUR* credits.)

1: Descriptive Statistics	8 lectures
1.1 Collection, Organization and Presentation of Data.	
1.2 Measures of Central Tendency and Dispersion- Mean, Median, Mode, Standard Deviation, Variance, Covariance and Correlation Coefficients.	
1.3 Correlation and regression Analysis.	
1.4 Measures of Skewness and Peaked Ness.	
2. : Sampling and sampling methods	8 lectures
2.1 Sample and Population, Parameters and Statistics.	
2.2 Variables and Attributes; Sampling and Non-sampling Errors;	
2.3 Types of Sampling	
3: Theory of Probability	8 lectures
3.1 Probability, Distribution, Events Spaces.	
3.2 Joint, Marginal and Conditional Probability under conditions of Certainty and uncertainty.	
3.3 Random Variable: Expectation and Distribution.	
3.4 Addition and Multiplication Theorems.	
3.5 Probability Distribution, Discrete and Continuous and Expected Values.	
4 : Probability Distribution Function	4 lectures
4.1 Binomial, Poisson,	
4.2 Normal T-test, Chi-square,	
5 : Statistical Estimation and Testing of Hypothesis	6 lectures
5.1 Types of Estimators and their Properties.	
5.2 Sampling distribution for sample Mean and Proportion.	
5.3 Point and Interval Estimation.	
5.4 Null and Alternate Hypothesis.	
5.5 Level of Significance and Level of Confidence, Confidence Limits and Critical Region;	
5.6 Tests of Significance- Type I and II errors.	

6 : Time series**6 lectures**

6.1 Nature and Decomposition of a Time Series-Trend.

6.2 Cyclical, Seasonal and Random Components.

6.3 Fitting Trend Curves.

Books

Croxtan and Dudley: Applied General Statistics

Gupta S. P.: Applied Statistics

UNIVERSITY OF PUNE
Board of Studies in Economics
REVISED SYLLABUS
For

M.A. Part II (Credit system)
(Course to be started from June 2014)

The students will have *THREE* Core courses and will have to select *ONE* Non-Core course in each of the two semesters, in M.A. Part II. There will be *Four* courses in each of the two semesters for M.A.

M.A. Part II Semester III		M.A. Part II Semester IV	
Core Courses		Core Courses	
EC-3001	Macro Economics I	EC-4001	Macro Economics II
EC-3002	Growth & Development I	EC-4002	Growth & Development II
EC-3003	Modern Banking	EC-4003	Research Methodology
Non- Core Courses (Any one course to be selected)		Non- Core Courses (Any one course to be selected)	
EC-3004	Demography	EC-4004	Rural Development
EC-3005	World Economy	EC-4005	Economics of Environment
EC-3006	Economics of Finance	EC-4006	Econometrics

M.A. Economics Revised Syllabus Committee.

Sr,no	Name	Designation
1	Dr. Suhas Avhad	Chairman
2	Dr. Dangat N.R.	Coordinator
3	Dr. Jadhavar R.D	Member
4	Dr. Sahni Rohini	Member
5	Dr. Dastane Santosh	Member
6	Dr. Matkar S.C	Member
7	Dr. Satam Madhu	Member
8	Dr. Musmade Manjusha	Member
9	Dr. Malika Misri	Member
10	Dr. Ushir D. G.	Member

UNIVERSITY OF PUNE

M.A. ECONOMICS PART – II

Semester – III

UNIVERSITY OF PUNE
M.A. ECONOMICS (PART –II) Semester – III
EC-3001 Macro Economics I
Core Course - (CREDIT SYSTEM)
(This course will have *FOUR* credits.)
(From June 2014)

PREAMBLE

Macroeconomics or aggregative economics analyses and establishes the functional relationship between the large aggregates. The aggregate analysis has assumed such a great significance in recent times that a prior understanding of macroeconomic theoretical structure is considered essential for the proper comprehension of the different issues and policies. Macroeconomics is not only a scientific method of analysis; but also a body of empirical economic knowledge. The paper entitled “Macro Economic Analysis” equips the students at the postgraduate level to understand systemic facts and latest theoretical developments for empirical analysis.

1. National Income	15
1.1 Gross Domestic Product, Gross National Product, Net Domestic Product	
1.2 Nominal and Real domestic product. Price Indexes and GDP deflator.	
1.3 Concept of disposable Income and Relationships between Income & consumption,	
1.4 Saving, Investment, Government Expenditure, Taxes, Imports & Exports.	
1.5 National Accounts Statistics-system of national income accounting	
 2: Aggregate Supply & Aggregate Demand	 15
2.1 Difference between Potential Output and Actual Output- Classical Approach	
2.2 Determination of output and employment Effects of change in Aggregate Demand and Supply Curves - Classical Approach	
2.3 Keynesian approach, Determination of Equilibrium of Aggregate Demand and Supply	
2.4 Keynesian approach-neutrality of money Multiplier Effect	
2.5 Multiplier effect with inclusion of Government sector. (Automatic stabilizers, balanced budget multiplier)	
 3. Brief structure of IS-LM Model	 15
3.1 Derivation of IS curve and LM curve	
3.2 Equilibrium in the Goods and Assets under fixed and flexible prices	
3.3 Derivation of aggregate demand schedule Monetary and Fiscal policy- The transmission Mechanism-Liquidity Trap	

3.4 Fiscal policy and crowding out effect, Optimum Policy mix with IS-LM model.

4. New Classical Macroeconomics & Open Economy Issues 15

- 4.1 Consumption and saving, Life cycle hypothesis, Permanent income hypothesis.
- 4.2 Investment spending, Marginal productivity of capital, Concept of accelerator and super Multiplier.
- 4.3 The Real Business cycle Theory
- 4.4 The Rational expectations Revolution New Classical Macroeconomics: Perfect Information Rational Expectations
- 4.5 Lucas critique- Imperfect information and asymmetric information
- 4.6 Open Economy IS-LM-BPo's, the Mundell-Fleming Model Stabilization, Macroeconomic policy and exchange rate regimes

Suggested Reading:

- Glahe, Fred, R (1973), Macroeconomics: Theory and Policy, Harcourt Brace Jovanovich, Inc, New York.
- Mckinen, G.E. (1978), Money, The Price Level and Interest Rates, Prentice Hall of India, New Delhi.
- Jha, R. (1991), Contemporary Macroeconomic Theory and Policy, Wiley Eastern Ltd., New Delhi. Economics 81
- Branson, W.A. (1989), Macroeconomic Theory and Policy, (3rd Edition), Harper and Row, New York.
- Ackley, G. , Macroeconomics : Theory and Policy, Macmillan, New York.
- Agarwal Vanita Macroeconomics Theory and policy Person Publication, New Delhi.
- D'souza Errol (2008) Macroeconomics : Person Publication, New Delhi.
- National Accounts Statistics-NAS Measures, Concepts of National Accounts Statistics.
- Heijdra, B.J. and V.P. Fredericck (2001), Foundations of Modern Macroeconomics, Oxford University Press, New Delhi
- Lucas, R. (1981), Studies in Business Cycle Theory, M.I.T. Press, Cambridge, Massachusetts
- Romer, D.L. (1996), Advanced Macroeconomics, McGraw Hill Company Ltd., New York.
- Shapiro, E. (1996), Macroeconomic Analysis, Galgotia Publications, New Delhi.
- Surrey, M.J.C. (Ed.) (1976), Macroeconomic Themes, Oxford University Press, Oxford
- <http://www.journals.elsevier.com/journal-of-macroeconomics/>
- <http://onlinelibrary.wiley.com>
- <http://www.ccsenet.org>
- <http://journals.cambridge.org>
- <http://www.oxfordjournals.org>
- <http://www.economist.com>
- <http://www.macrobasics.com>
- <http://econ.worldbank.org>

University of Pune
M.A Economics Part II Semester III
EC-3002 Growth and Development – I
Core Course CREDIT SYSTEM
(This course will have *FOUR* credits.)
(From June 2014)

Preamble:

Growth and Development is one of the most important areas of economic exploration in the last 50-60 years. Although relatively recent in origin this subject occupies a significant position in economic theory and practice. India being a developing country, this subject becomes extremely relevant for both teachers and students. The syllabus of Semester III includes the evolution of growth models as well as important concepts such as poverty, inequality and population dynamics in the context of developing countries.

1. Development and Underdevelopment: An Overview	20
1.1 Concepts of growth and Development	
1.2 Problems in defining economic development	
1.3 Characteristics of LDCs – structural view of underdevelopment	
1.4 The world distribution of income and Development gap	
1.5 Per capita income as an index of development	
1.6 Difficulties of measurement and comparability in the calculation of per capita according to exchange rate and PPP	
1.7 Alternative measures of development gap – HDI	
2 Poverty and inequality	10
2.1 Defining poverty and problems of measurement	
2.2 Income distribution - Income inequality, measurements of inequality, understanding inequality in developed and underdeveloped worlds	
2.3 Impact of inequality on the process of development.	
2.4 Contemporary debater on poverty in India	
3 Theories of Economic Growth and Development:	15
3.1. The Harrod Domar growth model and its application to LCD's	
3.2 Solow model of economic growth	
3.3 the Cobb Douglas Production Function	
3.4 Marx Schumpeter Gerschenkron – surplus labour	
3.5 Big push (Rosenstein–Rodan) –	
3.6 Balanced growth : (Nurkse) & Unbalanced growth (Hirschman)	
3.7 The process of cumulative causation (Myrdal)	
3.8. The centre and periphery hypothesis – the dependency school	
4 Population growth and economic development	15

- 4.1 Population– the theory of demographic transition
- 4.2 Age structures of population and Sex ratio
- 4.3 Migration – Rural and Urban migrations
- 4.4 The Harris – Todaro Model
- 4.5 Problems of urbanization - Employment markets formal, informal
- 4.6 Formal and informal employments – wage rates

Suggested reading:

- Behrman, S. and T.N. Srinivasan (1995), Handbook of Development Economics, Vol. 3, Elsevier, Amsterdam.
- Thirwall, A.P. (1999), (6th Edition), Growth and Development, Macmillan, U.K.
- Brown, M. (1966), On the Theory and Measurement of Technical Change, Cambridge University Press, Cambridge, Mass.
- Chenery, H. and T.N. Srinivasan (Eds.) (1989), Handbook of Development Economics, Vols.1 & 2, Elsevier, Amsterdam.
- Dasgupta, P. (1993), An Enquiry into Well-being and Destitution, Clarendon Press, Oxford.
- Gillis, M., D.H. Perkins, M. Romer and D.R. Snodgrass (1992), Economics of Development, (3rd Edition), W.W. Norton, New York.
- Kindleberger, C.P. (1977), Economic Development, (3rd Edition), McGraw Hill, New York.
- Meier, G.M. (1995), Leading Issues in Economic Development, (6th Edition), Oxford University Press, New Delhi.
- Todaro, M.P. (1996), (6th Edition), Economic Development, Longman, London.
- Meier G.M. leading Issues in Development Economics

University of Pune
M.A Economics Part II Semester III
EC-3003 Modern Banking
Core course
(This course will have *FOUR* credits.)
(From June 2014)

Preamble-

The course intends to make students aware about the changing scenario of the modern banking role, structure, performance and the current problems faced by the banking sector in India and also in the world. It also tries to throw light on the future prospects and role of modern banking sector at the global level. Students are supposed to study the current affairs and events happening in the money market and capital market at the national and international level.

- 1. Introduction- 15**
- 1.1 Nature, structure and role of financial system in economic development.
 - 1.2 Functions of financial system
 - 1.3 Theories of financial development-Credit Creation Theory, Financial Regulation and Financial Liberalization Theory.
 - 1.4 Investment policy of a bank- liquidity, safety and profitability.
 - 1.5 Balance sheet of a commercial bank.
- 2. Modern Banking in India- 20**
- 2.1 Evolution, role and functions of modern banks in India
 - 2.2 Money market and capital market
 - 2.3 Changing trends in banking sector since 1991.
 - 2.4 Comments on the present status of cooperative banks, RRB
 - 2.5 Foreign banks in India and their impact on Indian banking sector
 - 2.6. Provisions of the Banking Regulation Act
 - 2.7 Progress and present status of E-Banking in India
 - 2..8 Current challenges faced by banking sector- Mergers and amalgamations, Consolidations, Financial Inclusion, NPA.
- 3. Non-banking Financial Institutions in India- 10**
- 3.1 Nature, types and significance of NBFIs in India
 - 3.2 Performance of the NBFIs in the public, private and foreign collaboration sector – LIC, GIC, Provident Fund, Small Savings, Mutual Funds, Pension fund
- 4. International Financial Markets- 15**
- 4.1 Nature and role of foreign exchange market,
 - 4.2 Recent trends in the exchange rates and its impact on Indian economy
 - 4.3 Forms of foreign capital – Foreign Direct Investment [FDI], Pros and cons for FDI in India,

- 4.4 Regulation of foreign investments – Foreign Investments Promotion Board
- 4.5 Working and role of IMF, IBRD, IDA, IFC
- 4.6 Role of Euro-Dollar and Euro currency markets
- 4.7 Global Financial Crisis 2008- Its causes and impact on developing and developed economies.

List of Prescribed Books

- Bhole, L. M. [2000]’ Indian Financial System,’ Chugh Publications, Allahabad.
- Bhole, L. M. [2012]. ’Financial Institutions and Markets,’ Tata McGraw Hill Co. Ltd. New Delhi.
- Pathak, Bharati.[2009]’The Indian Financial System, ’Pearson Education Publication, New Delhi.
- Harker, P.T. and S. A. Zenios.[2000]Ed. ’Performance of Financial Institutions, CUP, UK.
- Prasad, K.N.[2001] ’Development of India’s Financial System,’ Sarup and Sons, New Delhi.
- D. Muralidharan.[2009]’Modern Banking Theory and Practice,’ PHI Learning Pvt. Ltd. New Delhi.
- Sharma, K.C.[2007]’Modern Banking in India,’ Deep and Deep Pub. New Delhi.
- Uppal,R.K. [2009]’ Modern Banking in India – Dimensions and Risk’ New Century Pub. New Delhi.
- Shiller, Robert J.[2008] ’The Sub-Prime Solutions- How Today’s Global Financial Crisis happened and what to do about it.’
- International Banking’ Ed. MacMillan Pvt. Ltd. 2011. Indian Institution of Banking and Finance, New Delhi.

Other Readings-

- RBI Annual Reports and web site
- Reports on Currency and Finance
- Basel Committee Report on Banking Supervision, 2001.
- RBI Bulletins, Economic and Political Weekly issues, Prajnan [NIBM], Daily the Economic Times etc.

University of Pune
M.A Economics Part II Semester III
EC- 3004 DEMOGRAPHY
 Non- Core Courses- (CREDIT SYSTEM)
(This course will have *FOUR* credits.)
(From June 2014)

The main objective of this paper is to make the students aware of the importance of population in economic development and the various theories that explain the growth of population in a country. The paper also enlightens the students on the quantitative and the qualitative aspects and characteristics of the population through various demographic techniques. In recent times, gender characteristics of the population have acquired importance and these have also been included in the framework of study. Migration and urbanization are the characteristics of structural change taking place in a society. Their study is essential to understand the dynamics of this change. The paper exposes the students to sources of population and related characteristics and also to the rationale, need and evolution of population policy.

1. Demography 1.1 Demography : Nature and Scope 1.2 Development of population studies in India- relationship with other disciplines 1.3 Sample surveys dual report system 1.4 World population growth and distribution 1.5 Population growth in developed and developing countries	15
2. Population theories 2.1 Malthusian theory 2.2 Classical and Neo-classical schools of thought – 2.3 Optimum population theory 2.4 Biological theories. 2.5. Theory of demographic transition	15
3. Population structure and characteristics 3.1 Census- growth rate and population - Sex ratio in India – factors affecting sex ratio , age structure 3.2 Meaning and measures of Mortality – infant mortality – child mortality - causes of death. 3.3 Fertility Meaning – factors affecting fertility - social and cultural factors	15

3.4 Proximate determinants of fertility - measures of fertility (GFR - ASFR – TFR – GRR – NRR – Child-woman ratio) –Methods of contraception - levels and trends in fertility in India - factors related to high fertility in India – fertility differentials in India

3.5 Migration, Meaning - differentials in migration – internal migration in India.

4. Population distribution

15

4.1 Population distribution by geographic areas - measures – density of population - factors affecting population distribution –world population distribution – population distribution in India - urban-rural distribution of population – measures of urbanization – levels and trends of urbanization in India

4.2 Labour force Meaning – economically active population - measures of labour force participation - trends and levels of labour-force participation in India

4.3 India's Population Policy - National Population policy 2000

Reading List

- Bhende, Asha A. and Tara Kanitkar (2013) *Principles of Population Studies*, Himalaya Publishing House, Mumbai
- *National Family Health Survey-1 (1992-93), -11 (1998-99), -111 (2004-2005)*, (reports for India and different states of India) Government of India and International Institute for Population Sciences, Mumbai
- Davis K. (1968), *Population of India and Pakistan*, Russell and Russell, New York
- *Family Welfare Programme in India, Year Book 2012*, Government of India, New Delhi
- *National Population Policy 2000*, Government of India, New Delhi
- Agarwala S.N. (1972), *India's Population Problem*, Tata McGraw-Hill Co., Bombay.
- Bose, A. (1996), *India's Basic Demographic Statistics*, B.R. Publishing Corporation, New Delhi
- Bogue, D.J. (1971), *Principles of Demography*, John Wiley, New York
- Chenery H. and T.N. Srinivasan (Eds.) (1989), *Hand Book of Development Economics*, Vol.1 & 2 Elsevier, Amsterdam.
- Choubey, P.K. (2000), *Population Policy in India*, Kanishka Publications, New Delhi.

- Gulati, S.C. (1988), *Fertility in India: An Econometric Study of a Metropolis*, Sage, New Delhi.Economics
- Simon, J.L. (1992), *Population and Development in Poor Countries*, Princeton University Press.
- Srinivasan, K. (1998), *Basic Demographic Techniques and Applications*, Sage, New Delhi
- Srinivasan, K. and A. Shariff (1998), *India: Towards Population and Demographic Goals*, Oxford University Press, New Delhi
- Different publications based on Census of India 2011 published by Census Commissioner and Registrar General of India, New Delhi
- United Nations (1973) *Determinants and Consequences of Population Trends* Vol. I, New York

UNIVERSITY OF PUNE
MA ECONOMICS- PART II Semester III
EC 3005 - WORLD ECONOMY
Non- Core Courses
(CREDIT SYSTEM)
(This course will have *FOUR* credits.)
From June 2014

PREAMBLE

The world economy, or global economy, generally refers to the economy which is based on economies of all of the world's national economies. Also global economy can be seen as the economy of global society and national economies – as economies of local societies, making the global one. The course on World Economic Analysis is to be studied to analyse common issues faced by the world e. g. world recession, inflationary trends, impact of fluctuating prices of crude oil, gold etc. The study is country-based; i.e. the role of developed economies such as USA or Europe etc. and the functioning of institutions like ASEAN, SAARC, and Euro Zone etc. The students are expected to analyse from the viewpoint from the Indian economy, i.e. study these issues/problems/institutions in the light of India's development efforts.

- 1. Introduction to Global Economy** **10**
 - 1.1 Meaning of Global Economy and its History
 - 1.2 Structure and Components of Global Economy
 - 1.3 Role of MNC's in World Economic Development
 - 1.4 Effects of Globalization on Indian Economy
- 2. Regional Trade Blocs in the developed and developing economies** **20**

Objectives and Role of:

 - 2.1 OECD - Organization for Economic Cooperation and Development
 - 2.2 OPEC - Organization of Petroleum Exporting Countries
 - 2.3 EU - European Union and Creation of Euro
 - 2.4 ASEAN - Association of South East Asian Nations
 - 2.5 SAARC - South Asian Association for Regional Cooperation
 - 2.6 BRICS – Brazil, Russia, India, China and South Africa
- 3. Introduction to transition economies.** **18**
 - 3.1 Eastern Europe
 - 3.2 Disintegration of the Soviet Union. What has been its impact on the region, Instability in the Balkans, Integration of former Soviet Bloc countries in the EU.
 - 3.3 China: The emergence of China in world trade and industry, growth reforms.
 - 3.4 Africa: Composition of the industry and trade, Possibilities and limitations.

3.5 Latin America: Debt crises. Brazil. Argentina. Mexico.	
4. Major World Economic Issues and its impact on India	12
4.1 Issues in South East Asia – The flying geese model	
4.2 The Japanese bubble in real estate	
4.3 U.S. Debt Crisis and its impact on India	
4.4 Euro zone Crisis and its impact on India	

Recommended Readings

- Francis Cherunilam .International Economics– The McGraw Hill Education Private limited, New Delhi
- Kenchand Keswani, International relations in Modern World, Himalaya Publication
- P. V. Patwardhan ,World Economy 1914-1964, , Rajas Publication
- Johnson Harry, World Economy at the crossroads, Oxford University Press
- World Development Report
- Sharieff Afzal, World Political Geography Sarip Book Publication
- Mishra and Puri , Indian Economy, Himalaya Publication
- Bimal Jalan (2002) India's Economy in the New Millenium
Bimal Jalan (2005) The Future of India : Politics, Economics and Governance

University of Pune
M.A. Economics -Part II Semester – III
EC 3006 Economics of Finance
Non- Core Courses
(Credit system)
(This course will have *FOUR* credits.)
(From June 2014)

PREAMBLE

The positive and significant role of financial institutions in the process of growth and development has been very well recognized in the literature and indeed has become more important during the last two decades as the financial systems of different countries have become integrated in the process of globalization. India is no exception and has taken far reaching measures since 1991 in this direction. It is, therefore, essential that the student of economics should be well conversant with the theory and practice of different financial institutions and markets to understand and analyze the interconnection between the monetary forces and real forces, their developmental role and limitations in shaping and influencing the monetary and related policies both at the national and international levels.

1. Financial Sector and Economy 15

- 1.1 Role of Financial sector in an economy - a broad view
- 1.2 Structure of Financial system in India
- 1.3 Participants in Financial Sector
- 1.4 Role of Rate of Interest, present value and future value of income.
Internal Rate of Return, Net Present Value – its application as an evaluation criteria.
- 1.5 Functions of Financial Markets
- 1.6 Structure of Financial Market in India
- 1.7 Regulation of Financial System

2. Financial Markets and Financial Institutions 15

- 2.1 Debt Markets, Equity Markets, Financial Service Markets
- 2.2 Financial Institutions – Depository Institutions and Non-depository Institutions
- 2.3 Investment Intermediaries
- 2.4 Financial Instruments- Money Market Instruments, Capital Market Instruments and International Financial Instruments

3. Portfolio Theory 10

- 3.1 Asset Return- random variables and random returns,
- 3.2 Capital Asset Pricing
- 3.3 Validity of CAPM (Capital Asset Pricing Model) Arbitrage Pricing Theory

4. Derivatives Markets

20

- 5.1 Derivatives- Meaning and Types
- 5.2 Futures Markets – History, Hedgers, Speculators, Arbitrageurs
- 5.3 Financial futures and Commodity futures – forward contracts.
- 5.4 Swaps – Mechanics and Types
- 5.5 Options Markets – Mechanics and types
- 5.6 Trading Strategies – Exchange traded Funds, stock options and the pay-offs from buying and selling options.

BASIC READING LIST

- Hauthkkar H.S. and Williomson P.J., The Economics of Financial Market, Oxford University Press. 1996.
- Pathak, Bharati,[2009]‘The Indian Financial System, ’Pearson Education Publication, New Delhi.
- Zvi Bodie / Robert C. Merton / Devid L. Cleeton (2009) Financial Economics, Person Publication, New Delhi.
- David G. Lueberger Investment Science, Oxford University Press. 1998.
- Ross Stephen and Rudolph W.W., Fundamentals of Corporate Finance, McGraw Hill International Ed. 1998.
- John Hull Future, Option and Other Derivative Securities, McGraw Hill
- Susan Thomas, (ed) Derivatives Market India 2003, Invest India 2003.
- Frederic S. Miskin, The Economics of Money, Banking and Financial Markets, Harper Collins Publishers
- Bay and Jonsen Money, Banking & Financial Markets An Economic Approach, A.I.T.B.S. Publishers & Distributors. Delhi
- Chandra P. (1997), Financial Markets, (4th Edition), Tata McGraw Hill, New, New Delhi.
- Shaw E.S. (1983), Financial Deepening in Economic Development, Oxford University Press, London.
- Smith, P.F., (1978), Money and Financial Intermediation : The Theory and Structures of Financial System, Prentice Hall, Englewood- Cliffs, New Jersey.

UNIVERSITY OF PUNE
M.A. ECONOMICS PART – II
Semester – IV

UNIVERSITY OF PUNE
M.A. ECONOMICS PART – II Semester – IV
EC – 4001 Macro-Economics II
Credit system Core Course
(This course will have *FOUR* credits.)
(From June 2014)

PREAMBLE

Macroeconomics or aggregative economics analyses and establishes the functional relationship between the large aggregates. The aggregate analysis has assumed such a great significance in recent times that a prior understanding of macroeconomic theoretical structure is considered essential for the proper comprehension of the different issues and policies. Macroeconomics now is not only a scientific method of analysis; but also a body of empirical economic knowledge. The paper entitled “Macro Economics” equips the students at the postgraduate level to understand systemic facts and latest theoretical developments for empirical analysis.

- I: Money and Liquidity** **15**
- 1.1 Definitions of Money, Money stock and liquidity. Measures of Money Supply
 - 1.2 Liquidity measures according to Reddy Committee Report.
 - 1.3 The debate relating to the definition of money
 - 1.4 Liquidity theory, Gurley and Shaw Hypothesis- Alternative money stock measures
 - 1.5 The quantity and components of money stock in India and broad trend in them
- 2: Demand for Money and Price** **15**
- 2.1 Nominal v/s Real Cash Balance
 - 2.2 Neo Classical theory, Keynes’s Theory, Friedman’s Theory.
 - 2.3 The Quantity Theory of Money Approach. QTM and Income Equation
 - 2.4 Fishers QTM, Cambridge Cash Balance
 - 2.5 QTM as the theory of Price level
 - 2.6 Baumol-Tobin theory Issues regarding endogenous and exogenous supply of money
- 3: Money Supply and Inflation** **15**
- 3.1 Goals Targets, Indicators and instruments of Monetary Policy
 - 3.2 Theory of Money Supply: high Powered Money

3.3 Money Multiplier Process, Determinants of Money Multiplier, Factor Affecting High Powered Money

3.4 Autonomy of High powered money, Reserve Bank's analysis of Money Supply, Balance sheet of Reserve Bank of India.

3.5 Definition sources of Inflation- Demand Pull Inflation- cost push inflation

3.6 Income Shares and Inflation-Phillips Curve.

4: Theories of Interest Rates, Monetary Policy and Macro economy 15

4.1 Real and monetary theories of the interest rate Loanable funds theory

4.2 Keynesian theory- Wicksellian theory, Fisher's theory, Hicksian theory

4.3 Interest rate differentials- Term-structure of interest rates

4.4 Role of interest rates in Macro-economy, Credit market imperfections

4.5 Monetary transmission mechanism and targeting Inflation Money growth and Interest Rates

4.6 Interest rate rules -Taylor rule

4.7 Rules versus discretion, Central Bank autonomy

4.8 Dynamic inconsistency of monetary policy credibility and reputation

Suggested Reading

- Mishkin Frederic (2007), The Economics of Money Banking and Financial Markets, 8th edition Addison Wesley Longman Publishers
- Bain, Keith & Howells, Peter (2009), Monetary Economics: Policy and Its Theoretical Basis, Palgrave.
- Agarwal Vanita Macroeconomics Theory and policy Person Publication, New Delhi.
- D'souza Errol (2008) Macroeconomics : Person Publication, New Delhi.
- Wrightman D:- An Introduction to Monetary Theory and Policy
- Gupta S. B. :- Monetary Economics Institutions, theory and policy
- Gupta S. B :- Monetary Planning for India
- Harris:- Monetary Theory
- Laidler, D.E.W. (1977), Demand for Money: Theory and Evidence, DumDon Valley, New York.
- Branson, W.A. (1989), Macroeconomic Theory and Policy, (3rd Edition), Harper and Row, New York.
- Rakshit, M. (1998), Studies in the Macroeconomics of Developing Countries, Oxford University Press, New Delhi.
- Gurley, J. and E.S. Shaw (1960), Money in a Theory of Finance, Brookings Institution, Washington.
- Romer, D. (2006), Advanced Macroeconomics, 3 edn, McGraw-Hill Higher Educational
- <http://www.journals.elsevier.com/journal-of-macroeconomics/>
- <http://onlinelibrary.wiley.com> <http://www.ccsenet.org>
- <http://journals.cambridge.org> <http://www.oxfordjournals.org>
- <http://www.economist.com> <http://www.macrobasics.com>
- <http://econ.worldbank.org>

University of Pune
M.A Economics Part II Semester IV
EC-4002 Growth and Development –II
Core Course
(This course will have *FOUR* credits.)
(From June 2014)

Preamble:

Growth and Development is one of the most important areas of economic exploration in the last 50-60 years. Although relatively recent in origin this subject occupies a significant position in economic theory and practice. India being a developing country, this subject becomes extremely relevant for both teachers and students. The syllabus of Semester IV includes the practical aspects of the process of growth and development – including the role of agriculture and industry, external trade and resource mobilization and the role of the state and the markets.

1 The role of agriculture and Industry in development	15
1.1. Role of Agriculture in development ‘Market surplus’ Size of holding Price policy	
1.2. Disguised unemployment	
1.3. Role of industry – Major reasons for industrialization in LDCs	
1.4. The Role of Infrastructure – social and physical infrastructure – education and health infrastructure	
2 Policy Environment for growth and development	15
2.1 The infant industry argument – The employment argument Police Environment	
2.2 Export promotion Vs import substitution	
2.3. Monetary Policy – trade policy	
2.3 Fiscal Policy – Inflation, savings and growth	
2.4 Non –inflationary finance of investment – Inflation and credit – Inflation and growth	
3 Trade and development	15
3.1 Trade as an engine of growth - foreign borrowing – Savings – Investment gap – The foreign exchange gap	
3.2 foreign borrowing and debt – servicing problem	
3.3 types and measurement of international capital flows	
3.4 The role of IMF, World Bank, FII and FDI	
4 The role of the government	15

- 4.1 The role of the government and markets in the developmental process
- 4.2 Development of distributive institutions
- 4.3 poverty alleviation measures
- 4.4 public distribution systems – public policies like NREGA in India –
- 4.5 Microfinance – issues related to microfinance. Self Help Groups and savings and Gender

Suggested reading:

- Behrman, S. and T.N. Srinivasan (1995), Handbook of Development Economics, Vol. 3, Elsevier, Amsterdam.
- Thirwall, A.P. (1999), (6th Edition), Growth and Development, Macmillan, U.K.
- Brown, M. (1966), On the Theory and Measurement of Technical Change, Cambridge University Press, Cambridge, Mass.
- Chenery, H. and T.N. Srinivasan (Eds.) (1989), Handbook of Development Economics, Vols.1 & 2, Elsevier, Amsterdam.
- Dasgupta, P. (1993), An Enquiry into Well-being and Destitution, Clarendon Press, Oxford.
- Gillis, M., D.H. Perkins, M. Romer and D.R. Snodgrass (1992), Economics of Development, (3rd Edition), W.W. Norton, New York.
- Kindleberger, C.P. (1977), Economic Development, (3rd Edition), McGraw Hill, New York.
- Meier, G.M. (1995), Leading Issues in Economic Development, (6th Edition), Oxford University Press, New Delhi.
- Todaro, M.P. (1996), (6th Edition), Economic Development, Longman, London.
- Meier G.M. leading Issues in Development Economics

University of Pune
M.A Economics Part II Semester IV
EC-4003 Research Methodology
Core Course- (CREDIT SYSTEM)
(This course will have *FOUR* credits.)
(From June 2014)

Preamble –

Students who complete their post graduation in economics are mentally equipped to pursue research in the same discipline. It is generally accepted that the research is nothing but the extension and application of knowledge in a certain specialized field. Therefore regular and external students who do their post graduation will be given an opportunity to get exposed to a few elements of social science research. Elementary knowledge of research methodology shall consolidate and deepen their understanding of various branches of Economics.

1. Introduction to Research	15
1.1 Meaning and types of research 1.2 Social Science. Research- Meaning Objectives, Nature, importance, utility, Limitations and difficulties. 1.3 Stages involved in designing research.	
2. Research Techniques	15
2.1 Data Collection - Sources of Data 2.2 Primary - Interviews, Questionnaire, Observation, Schedule. 2.3 Secondary Data Collection. 2.4 Case studies & Historical methods 2.5 Hypothesis - Definition, Formulation and Role. 2.6 Sampling Technique - Types of Samples, Size of Samples	
3. Analysis of Data	15
3.1 Classification and Tabulation. 3.2 Graphs and Diagrams. 3.3 Measures of Central Tendencies. Mean, median mode 3.4 Dispersion. & Correlation. 3.5 Percentage. Bi-variate presentation. 3.6 Hypothesis Testing. Chi Square test.	
4. Information Systems & report writing	15
4.1 Information Systems and knowledge management. 4.2 Global Information - Internet surfing, downloading, blogs, mails. 4.3 Computerized data processing- Excel, SPSS. 4.4 Stages of report writing.. 4.5 Presentation - Power Point	

BASIC READING LIST

- Wilkinson and Bhandarkar - Methodology and Techniques of Social research -Pauline, Young - Scientific Social Surveys and Research
- Goode and Hatt - Methods in Social Surveys and Research
- Krishnaswamy K.N. and Appa Iyer Sivakumar (2009): Management Research Methodology, Pearson Education Publication,. N.Delhi .
- Sharma Prasad and Satyanarayana (ed) Research Methods in Social Sciences
- Moser and Kalton - Survey Methods in Social Investigations
- Sadhu and Singh - Research Methodology in Social Sciences
- Kurein C. T. A guide to research in Economics.
- Devendra Thakur - Research Methodology in Social Sciences
- Basotia G.R. Sharma K.K.- Research Methodology.

ADDITIONAL READING LIST

- Acoff. Russel L.(1961) The Design of Social Research, Chicago, Uni. of Chicago,
- Allen, T. Harrell (1978) New Methods in Social Science Research. New York;Praeges Publishes.
- Berdie, Douglas R. & Andesson, John F. (1974) Questionnaires, Design and use Metuchen N.J. the sear escrow press Inc.
- Ghosh B.N. (1982) Scientific Methods & Social Research New Delhi, Sterling Publishers Pvt. Ltd.
- Goode, William J. & Hatt, Paul K. (1952) Methods in Social Research, New York MacGrow Hill.
- Wilkinson and Bhandarkar – Methodology and Techniques of Social Research.
- Pauline Young : Scientific Social survey and Research
- Moser and Kalton : Survey methods in Social Investigations.
- Kothori C.R. Research methodology New era Publication
- જ.ફા. પાટીલ ય કે.જે. પઠાણ પી. જે તામ્હણકર : અર્થશાસ્ત્રીય અંશોધનાની તોડઝોલ્લખ
- ગુરુનાથ નાથગોંડે : સામાજિક અંશોધન પદ્ધતી.
- પ્રદિપ આગલાયે : અંશોધન પદ્ધતી શાસ્ત્ર ય તંત્ર.
- પુ.લ.ભાંડારકર લ સામાજિક અંશોધન પદ્ધતી

University of Pune
M.A Economics Part II Semester IV
EC-4004 Rural Development
None Core Course
(This course will have *FOUR* credits.)
(From June 2014)

PREAMBLE

The course on Rural Development attempts to sensitize students about the dynamics of changes in the rural economy. It includes the study of problems faced by rural population and also includes the critical review of various schemes and projects that benefit the rural population. Emphasis may be laid on the study of rural development as an integral part of overall socioeconomic development. The treatment of topics shall be in the context of Indian economy and society.

- 1. Rural Development** **15**
 - 1.1 Concept, Scope, Objectives and Importance of Rural Development.
 - 1.2 Various approaches to Rural Development. Gandhian Approach. PURA.
 - 1.3 Structure of Rural Economy of India
 - 1.4 Rural Administrative machinery. 73rd Constitutional Amendment
- 2. Aspects of Rural Development.** **20**
 - 2.1 Rural Infrastructure – Roads, Railway development, Irrigation, electricity, housing, sanitation facilities, communication links, Education, health and family welfare, HDI in rural India
 - 2.2 Agricultural development in India . Land use pattern. Land Reforms. Changes in cropping pattern. Farm laborers. Farm sector vs. non-farm sector
 - 2.3 Rural Indebtedness – magnitude, causes and remedial measures.
 - 2.4 Role of non-institutional sources of credit Cooperatives
 - 2.5. Role of Commercial banks. RRBs. NABARD. SHGs.
 - 2.6 Microfinance institutions in India. Kisan Credit Cards
 - 2.7 Rural Industrialization and agro-based industries. Cottage industries. Growth, problems and solutions.
 - 2.8 Development of Rural entrepreneurship
- 3. Problems of Rural Development.** **10**
 - 3.1 Rural unemployment. Magnitude of the problem, causes, remedies, Status of women & gender bias, Women empowerment.

3.2 Causes of migration of rural population. Solution.

3.4 Rural poverty. Various measurements, causes & remedies.

3.5 Problem of Inequality in rural India. Magnitude, causes & remedial measures

4. Objectives and critical assessment of rural development programs as a part of inclusive and sustainable growth **15**

(Financial Provisions through five year plans, progress, achievements, critical evaluation of following programme)

4.1. IRDP

4.2 MGNREGS

4.3 SFDA

4.4 Food for Work Program

4.5 TRYSEM , TSP

4.6 Swarn Jayanti Gram Swarajgar Yojana.,

4.7 Food & nutrition security

4.8 National Rural Livelihood Mission (NRLM)

Recommended reading:

- Datt & Sundharam, Indian Economy S Chand & Co., New Delhi, 68th New Delhi, 2013
- India Rural Development Report 2012-13, Orient Blackswan Pvt. Ltd, New Delhi, 2013.
- Rural Development in India – Past, Present & Future, by Vasant Desai, Himalaya Publishing House, Mumbai, 2nd edition, 2013
- Satya Sundaram Rural Development, Himalaya Publishing House, Mumbai, 4th edition 2013.
- Twelfth Five Year Plan ---2012-17, vols.-1-3, Ministry of Finance, Government of India, OUP, New Delhi, 2013.
- Annual Reports : Ministry of Rural Development, Govt. of India
- Periodicals : Yojana (Marathi) Yojana (English) Kurukshetra (English) – All published by Publications Division, Ministry of I & B, Government of India, New Delhi.
- Economic & Political Weekly, Mumbai.

University of Pune
M.A Economics Part II Semester IV
EC – 4005 Economics of Environment
None core Course
(This course will have *FOUR* credits.)
(From June 2014)

PREAMBLE

Environment is a part and parcel of living things in general and human beings in particular. Hence for their well being and environmental balance its preservation and protection is of vital importance. Environmental degradation can very badly affect all living things coupled with human beings in particular. Environment can have economic aspects, which are neglected in the studies in main stream economics and its branches. This necessitates studying Economics of Environment as an Elective paper at post graduate level. The prime objective of this paper is to well equip the students regarding economic aspects of environment and development

1. Introduction To Economics of Environment:	15
 1.1 Economics of Environment: Meaning, Nature, Scope and Significance 1.2 Environment –Economic and Development - Common Property Resources - Eco-systems – Loss of Bio-diversity. 1.3 Sustainable Development. 1.4 Environmental degradation.	
2. Industrial Development And Environmental Problems	15
 2.1 Water pollution – Air Pollution – Noise Pollution – 2.2 Depletion of Ozone Layer – Green House Effect, Global Warming and Climate Change 2.3 Environment Friendly Size of Firm – Limits to Growth Theory. 2.4 Effects of environment on human being.	
3. Environmental problems of agricultural development	15
 3.1 Technological changes in Agriculture and Environment; Excess use of Water, Fertilizers, Pesticides and Environment. 3.2 Concept of Natural Farming – Large sized dams and Environment 3.3 Forest Depletion; Cause, Consequences and Remedies – Significance of Social Forestry. 3.4 Social forest	
4. Environmental Protection and Environmental policy	15
 4.1 Role of Public, Private, and Co-operative sectors in Environmental Protection 4.2 Environment Management Techniques : Cost Benefit Analysis –	

Assessment Environmental Impact – Environmental Audit

4.4 India's Environmental Policy : Environmental Protection Laws in India-

4.5 Pollution Control Boards (CPCB and DPCBs).

4.4 Role of environmental education.

READING LIST :

- Baumol, W.J. & W.E. (1997), The Theory of Environmental Policy, Prentice Hall, Englewood-cliffs.
- Bhardwaj, R. (1983), Managing Limits to Growth, Asian and Pacific Development Centre, Kuala Lumpur.
- Dorfman, R & N. Dorfman (Eds.) (1977), Economics of the Environment. W.W. Norton, New York.
- Nijkamp, P. (Ed.) (1976), Environmental Economics, Vol. I & II, Martinus Nijhoff, Leiden.
- Charles Peering (1987) Economy and Environment Cambridge University Press, New York.
- Ali, S.A. (1979), Resources for Future Economic Growth, Vikas Publishing House, New Delhi.
- Rathore, M.S. (Ed.) (1996), Environmental and Development, Rawat Publications, Jaipur.
- Garge, M. R. (Ed.) (1996) Environmental Pollution and Protection, Deep and Deep Publications, New Delhi.
- Lodha, S. L. (Ed.) (1991), Environmental of Environment. RBSA Publishers, Jaipur.
- Rajlakshmi N. And Dhulasi B. (1994), Environmental Economics, Allied publishers Ltd., New Delhi.
- Singh, G. N. (Ed.) (1991), Environmental Economics, Mittal Publications, New Delhi.
- Mehta, C.S. (1994), Environment and Law, RBSA Publishers, New Delhi.
- Karpagam, M. (1993), Environmental Economics, Sterling Publishers, New Delhi.
- World Bank Report on Human Development.
- The Hindu Survey of Environment: Annual Reports.
- R. N. Bhattacharya (2006), Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi.
- Ulaganathan, Sankar (2006), Environmental Economics, Oxford University Press, New Delhi.
- Hanley, Shogren and White (2004), Environmental Economics in Theory and Practice, McMillan India Limited, Delhi.
- Singh & Shishodia (2010), Environmental Economics: Theory and Applications, Sage Publications, New Delhi.

University of Pune
M.A Economics Part II Semester IV
EC – 4006 Econometrics
None core Course
(This course will have *FOUR* credits.)
(From June 2014)

Preamble:

Application of economic theory needs a reasonable understanding of economic relationships and relevant statistical methods. The syllabus of Econometrics is to equip the students with basic theory and relevant applications of the methods. The course covers various econometric methods applicable to different topics in economics and those needed for applied economic research. An introductory module on multivariate methods has also been included in the course, which constitutes an important tool for analysis in multivariable data in development related studies.

1: The Nature of regression analysis **15**

- 1.1 Two variable Regression model: Concept of PRF, Meaning of Linear, Stochastic specification of PRF, Significance of the Stochastic Disturbance Term, Estimation through OLS-Assumptions, Estimators and their Properties, Gauss-Markov Theorem, coefficient of determination,
- 1.2 Two Variable Regression: Interval Estimation and Hypothesis Testing- Normality Assumption and Properties of OLS Estimators under Normality Assumption, Confidence Interval and Test of Significance Approach for Regression Coefficients, Analysis of Variance, Extensions of Two Variable Linear Regression Model:- Regression through the Origin , Functional Forms

2: Multiple Regression Analysis **15**

- 2.1 Problem of Estimation, Meaning of Partial Regression Coefficients, Adjusted R Square,
- 2.2 Partial Correlation Coefficients, Problem of Inference,
- 2.3 Hypothesis testing, Uses of F test, relaxing the Assumption of the OLS: Multi co linearity and Consequences,
- 2.4 Detection through Graphical Method, Spearman's rank Correlation Method, Goldfeld - Quandt Test
- 2.6 White's test-remedial measures, Autocorrelation: Nature of the Problem,
- 2.7 BLUE Estimator in the Presence of Autocorrelation, Consequences, Detection of the Problem through Graphical Method and Durbin-Watson d test, Remedial Measures

3: Regression on Dummy Variables **15**

- 3.1 Nature of Dummy Variables, Regression on Quantitative and Qualitative Variables,
- 3.2 Testing for Structural Stability, Interaction Effects,
- 3.3 Use of Dummy variables in Seasonal Analysis, use of dummy variables in Combining Time series and Cross Sectional Data

4: Simultaneous Equation Models 15

- 4.1 Examples, Simultaneous Equation bias.
- 4.2 Problem of Identification: Definition and Rules for Identification,
- 4.3 Estimation of Simultaneous Equation models: Recursive Models, Indirect Least Squares Two stage Least Squares,
- 4.4 Introduction to Time Series Autoregressive and Distributed Lag Models, Stationary and Non-Stationary Process,
- 4.5 Concept of Unit Root Process and Testing, Transforming Non-Stationary Time Series, Introduction to Forecasting using Time Series, Vector Autoregressive Model

Suggested reading-

1. Damodar Gujarati Basic Econometrics
2. Jeffrey Wooldridge Introductory Econometrics: A Modern Approach
3. A. Koutsoyinnis Theory of Econometrics
4. G. S. Maddala Introduction to Econometrics
5. G. S. Maddala Econometric Methods



Savitribai Phule Pune University

(Formerly University of Pune)

Two Year Degree Program in Geography

(Faculty of Science & Technology)

Revised Syllabi for

M.A./M.Sc. (Geography) Part-I

(For Colleges Affiliated to Savitribai Phule Pune University)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2019-2020

Title of the Course: M.A./M.Sc. (Geography)**Preamble****Introduction:**

SavitribaiPhule Pune University has decided to change the syllabi of various faculties from June,2019. Taking into consideration the rapid changes in science and technology and new approaches in different areas of Geography and related subjects, Board of Studies in Geography after a thorough discussion with the teachers of Geography from different colleges affiliated to the Savitribai Phule Pune University, Pune has prepared the syllabus of M.Sc./M. A. Semester - I and Semester- II (w.e.f. 2019-20) Geography course under the Choice Based Credit System (CBCS). The model curriculum as developed by U.G.C. is used as a guideline for the present syllabi.

Aims and Objectives of the new curriculum :

- i) To maintain updated curriculum.
- ii) To take care of fast development in the knowledge of Geography.
- iii) To enhance the quality and standards of Geography Education.
- iv) To provide a broad common frame work, for exchange, mobility and free dialogue across the Indian Geography and associated community.
- v) To create and aptitude for Geography in those students who show a promise for higher studies and creative work in Geography.
- vi) To create confidence in others, for equipping themselves with that part of Geography which is needed for various branches of Sciences or Humanities in which they have aptitude for higher studies and original work.

Structure of the Syllabus :**Semester – I**

Sr. No.	Course Code	Core Compulsory Theory Paper (CCTP)	Choice Based Optional Paper (CBOP)	Theory / Practical	Core Compulsory Practical Paper (CCPP)		Credit	
1	GGUT-111	Principles of Geomorphology	-	-	-		04	
2	GGUT-112	Principles of Climatology	-	-	-		04	
3	GGUT-113	Principles of Economic Geography	-	-	-		04	
4			GGDT-114	Principles of Population and Settlement Geography	-		04	
5					GGUP-115	Practical in Physical and Human Geography	04	
		Total Credits of Semester I						20

Semester – II

Sr. No.	Course Code	Core Compulsory Theory Paper (CCTP)	Choice Based Optional Paper (CBOP)	Theory / Practical	Credit	Core Compulsory Practical Paper (CCPP)	Credit	
1	GGUT-121	Geoinformatics - I					04	
	One of the following according to specialization from CCTP							
2	GGUT-122	Coastal Geomorphology	-	-	04	-	04	
	GGUT-123	Synoptic Climatology	-	-	04	-		
	GGUT-124	Agricultural Geography	-	-	04	-		
	GGUT-125	Population Geography	-	-	04	-		
	One of the following according to specialization from CCTP							
3	GGUT-126	Fluvial Geomorphology	-	-	04	-	04	
	GGUT-127	Monsoon Climatology	-	-	04	-		
	GGUT-128	Industrial Geography	-	-	04	-		
	GGUT-129	Geography of Rural Settlements	-	-	04	-		
	Choice Based Optional Paper (CBOP) (1 Theory + 1 Practical)							
4			GGDT-130	Geography of Tourism	02		04	
			GGDP-131	Practical in Surveying	02			
			GGDT-132	Geography of Disaster Management	02			
			GGDP-133	Practical in Map Projections	02			
	Core Compulsory Practical Paper (CCPP)							
5						GGUP-134	Practical of Statistical Techniques for Geography	04
		Total Credits of Semester - II						20

Semester – 5

Course Code	Core Compulsory Theory Paper (CCTP)	Choice Based Optional Paper (CBOP)	Theory / Practical	Credit	Core Compulsory Practical Paper (CCPP)	Credit
GGUT-231	Geoinformatics-II	-	-	04	-	04
GGUT-232	Geographical Thoughts	-	-	04	-	04
One of the following according to specialization from CCTP						
GGUT-233	Tropical Geomorphology	-	-	04	-	04
GGUT-234	Applied Climatology	-	-	04	-	
GGUT-235	Geography of Rural Development	-	-	04	-	
GGUT-236	Urban Geography	-	-	04	-	
Choice Based Optional Paper (CBOP) (1Theory + 1Practical)						
		GGDT-237	Practical in Geoinformatics	02	-	04
		GGDP-238	Computer -aided Cartography	02		
		GGDT-239	Watershed Management	02	-	
		GGDP-240	Multivariate Statistics	02	-	
One of the following according to specialization from CCPP						
				GGUP-241	Practical in Geomorphology	04
				GGUP-242	Practical in Climatology	
				GGUP-243	Practical in Economic Geography	
				GGUP-244	Practical in Population and Settlement Geography	
Total Credits of Semester -III						20

Semester – IV

	Core Compulsory Theory Paper (CCTP)	Choice Based Optional Paper (CBOP)	Theory / Practical	Credit	Core Compulsory Practical Paper (CCPP)	Credit
GGUT-241	Geography of India	-	-	-	-	04
GGUT-242	Oceanography	-	-	-	-	04
GGUT-243	Biogeography	-	-	-	-	04
Choice Based Optional Paper (CBOP) (1Theory + 1Practical)						
		GGDT-244	Geography of Soils	02		04
		GGDP-245	Geostatistics	02		
		GGDT-246	Political Geography	02		
		GGDP-247	Regional Planning	02		
		GGDT-248	Tourism Geography	02		
		GGDP-249	Social Geography	02		
		GGDP-250	Interpretation of Topographical Maps & Village Survey / Project work	02		
Core Compulsory Practical Paper (CCPP)						
				GGUP-251	Dissertation / Research Project	04
Total Credits of Semester - IV						20

Semester I**Course: GGUT-111:Principles of Geomorphology****Course Outcome:**

1. Student gets acquainted with the basic concepts in Geomorphology.
2. Student understands and gets familiar with Earth system
3. Student understand the theories along with the fundamental concepts in Geomorphology. Gain knowledge about earth's interior its structure and composition. Develop an idea about concept of plate tectonics, and resultant landforms.
4. Understands the overall processes of weathering, mass movement and hill slope. Gain the knowledge of various hill slope models.
5. Understand the varied erosional depositional processes and landforms related to fluvial, coastal, glacial and aeolian processes and identify basic landforms from tectonic, fluvial, glacial, aeolian and coastal environments.

No. of Credits: 04**No. of Periods:****60**

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Geomorphology	i. Definitions, Nature and Scope of Geomorphology ii. History of Geomorphology iii. Basic concepts in Geomorphology iv. Branches of Geomorphology v. Hierarchy of spatial and temporal scales in Geomorphology vi. Geologic time scale	06
2	Geomorphology and Tectonics	i. Internal structure of the Earth: Layers based on physical and chemical properties ii. Seismic waves and types iii. Wegener's Continental Drift Theory iv. Theory of Plate Tectonics and associated landforms v. Holmes Convectional Current Theory vi. Gravity and Isostasy vii. Paleomagnetism viii. Folds: Types and landforms ix. Faults: Types and landforms	12
3	Weathering and Mass Movement Processes	i. Weathering: Types and related landforms ii. Mass Movement: Types of mass movement	08
4	Hillslopes	i. Hillslope processes and forms ii. Models of hillslope evolution	06

5	Fluvial Processes and Landforms	i. Genetic classification of streams ii. Playfair's law iii. River and stream, drainage basin and drainage network patterns iv. River processes: erosion, transportation and deposition v. Fluvial landforms: erosional and depositional vi. Davisian Cycle of Erosion	10
6	Glacial Processes and Landforms	i. Glacial system: Types of glaciers ii. Glacial processes: erosion, transportation and deposition iii. Glacial landforms: erosional and depositional	06
7	Coastal Processes and Landforms	i. Sea waves, currents and tides ii. Coastal processes: erosion, transportation and deposition iii. Coastal landforms: erosional and depositional	06
8	Aeolian Processes and Landforms	i. Aeolian environment ii. Wind processes: erosion, transportation and deposition iii. Aeolian landforms: erosional and depositional iv. Work of water in desert and landforms	06

Reference Books:

- **Bloom, A.L. (2012):** Geomorphology- A Systematic Analysis of Late Cenozoic Landforms, Prentice-Hall of India, New Delhi
- **Chorley, R.J., Schumm, S. A. and Sugden, D. E. (1984):** Geomorphology, Methuen, London.
- **Gregory, K.J. and Goudie, A.S. (2014):** The SAGE Handbook of Geomorphology, SAGE, London.
- **Christiansen E.H. and Hamblin, W.K. (2008):** The Earth's dynamic systems Macmillan, New York and Collier Macmillan London.
- **Holmes, (1944):** Principles of Physical Geology, Thomas Nelson and Sons Ltd, London.
- **Huggett, R.J. (2008):** Fundamentals of Geomorphology, Routledge, London and New York.
- **Goudie A.S. (2004):** Encyclopedia of Geomorphology, Routledge, London and New York.
- **Kale, V.S. (2014):** Landscapes and Landforms of India, Springer, London/New York.
- **Kale, V.S. and Gupta, A. (2010):** Introduction to Geomorphology, Universities Press, Hyderabad
- **Migon, P. (2010):** Geomorphological Landscapes of the World, Springer, London/New York.
- **Ollier, C.D. (1981):** Tectonics and Landforms, Longman, London.
- **Singh, S. (2011):** Geomorphology, Prayag Pustak Bhawan, Allahabad.
- **Siddhartha, K. (2001):** The Earth's dynamic surface, Kishore, Delhi.
- **Spark, B.W. (1972):** Geomorphology, Longman, New York.
- **Steers, A. (1958):** The Unstable Earth, Methuen, London.
- **Strahler, A.H. and Strahler, A.N. (1992):** Modern Physical Geography, John Wiley, New York.

Semester I**Course: GGUT- 112:Principles of Climatology****Course Outcome:**

1. Student gets acquainted with the basic concepts in Climatology
 2. Understand the elements of weather and climate, different atmospheric phenomena and climate change.
 3. Gain the knowledge to associate climate with other environmental and human issues.
 4. Understands the concepts of Insolation and temperature
- Realize the way atmospheric moisture works.

No. of Credits: 04**No. of Periods: 60**

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Climatology	i. Meteorology and Climatology ii. Nature and Scope of Climatology iii. Development of Climatology iv. Tropical Climatology	06
2	Earth's Atmosphere	i. Evolution ii. Structure and composition of atmosphere iii. The ozone layer depletion iv. Aurora - types	08
3	Insolation	i. Solar and terrestrial radiation ii. Electromagnetic spectrum iii. Factors affecting insolation iv. Latitudinal and seasonal variation v. Effect of atmosphere vi. Greenhouse effect vii. Heat budget viii. Mechanisms of heat transfer	10
4	Temperature	i. Heat and temperature ii. Temperature measurements and controls iii. Lapse rate iv. Temperature inversion v. Types of inversion	06

5	Atmospheric Pressure and Winds	i. Pressure measurement and distribution ii. Factors affecting distribution of pressure iii. Wind observation and measurement iv. Factors affecting wind v. Geostrophic wind and Gradient wind vi. Models of general circulation of the atmosphere vii. Eddy theory viii. Local winds ix. Jet stream x. Cyclones and Anticyclones	12
6	Atmospheric Moisture	i. Atmospheric moisture ii. Hydrologic cycle iii. Evaporation and condensation iv. Forms of condensation v. Precipitation vi. Types of precipitation vii. Measurement of humidity	06
7	Atmospheric Stability	i. Lapse Rate: normal, environmental, dry adiabatic lapse rate and wet adiabatic lapse rate ii. Stable and unstable air iii. Absolute stability iv. Absolute instability v. Conditional instability	06
8	Air Masses and Fronts	i. Introduction to air masses and fronts ii. Types of air masses iii. Types of fronts	06

Reference Books:

- **Critchfield, H.J. (Rep. 2010):** General Climatology. Prentice Hall, New Delhi.
- **Lal, D.S. (1998):** 'Climatology', Chaitanya Publishing House, Allahabad.
- **Lutgens, Frederic K. & Tarbuck, Edward J. (2010):** 'The Atmosphere: An Introduction to Meteorology', Pearson Prentice Hall, New Jersey.
- **Oliver, John E. & Hidore, John J. (2003):** Climatology: An Atmospheric Science, Pearson Education, Delhi
- **Savindra Singh (2005):** Climatology, Prayag Pustak Bhawan, Allahabad.
- Trewartha: Introduction to Weather and Climate.
- **More, Pagar, Thorat (2014):** (Marathi), Elements of Climatology & Oceanography, Atharv Publication, Pune

Semester I**Course: GGUT-113 :Principles of Economic Geography****Course Outcome:**

1. Student gets acquainted with the basic concepts in Economic Geography.
2. Student understands and gets familiar various economic activities and understands the importance of resources.
3. Student understand the theories and models in Economic Geography.
4. Gets acquainted with role of transport and communication in the economic development.
5. Gain an insight in to the varied economic issues related to development in India and the state

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Economic Geography	i. Definition, nature and scope ii. Approaches :traditional and modern iii. Recent trends in Economic Geography	06
2	Economic Activities	i. Definition and classification of economic activities ii. Factors of location of economic activities: physical, social, economic and technical iii. Location of economic activities: Weber's and Von Thunen's model	10
3	Resources	i. Definition and classification of resources ii. Significance of natural and human resources in economic development iii. Importance of non-conventional energyresources for sustainable development	08
4	Economic Development	i. Definition and concept of economicdevelopment ii. Measures of economic development iii. Classification of countries on the basis ofeconomic development iv. Rostow's and Myrdal's model	08
5	Transport and Communication	i. Various modes of transport ii. Geographical factors and transportation iii. Various means of communication iv. Role of transport and communication ineconomy	06
6	Trade	i. Definition and types of trade ii. Factors affecting on international trade iii. Problems and prospects of international tradewith reference to India iv. E-commerce	06

7	Economic Development in India	i. Pre-and post-independence economic development in India ii. Green revolution in India iii. Need of new green revolution in India iv. Regional disparities in India v. Impact of globalization and privatization on economic development	06
8	Contemporary Issues	i. Regional disparities in Maharashtra ii. Role of IT industry in economic development in Maharashtra iii. A case study of one local agro-based industry: Economic analysis, problems and prospects (Sugar factory/ winery/ agro-tourist center etc.)	10

Reference Books:

- **Alexander, J.W. (1977):** Economic Geography, Prentice Hall of India Pvt. Ltd., New.
- **Chorley, R.J. and Haggett, P. (1970):** Socio Economic Models in Geography, Concept publishing Company Pvt. Ltd., New Delhi.
- **Garnier, B.J. and Delobez, A. (1979):** Geography of Marketing, Longman.
- Hartshorne, T.A. and Alexander, J.W. (2010): Economic Geography, PHI Learning, New Delhi
- **Kanan Chatterjee (2015):** Basics of Economic Geography.
- **Knox, P., Agnew, J. and McCarthy, L. (2008):** The Geography of the World Economy, Hodder Arnold, London.
- **Lloyd, P. and Dicken, B. (1972):** Location in Space: A Theoretical Approach to Economic Geography, Harper and Row, New York Methuen.
- **Mitra, A. (2002):** Resource Studies, Sreedhar publishers, Kolkata.
- **Patil, S.G., Suryawanshi, R.S., Pacharne, S. and Choudhar, A.H. (2014):** Economic Geography, AtharavPrakashan, Pune.
- **Ray, P.K. (1997):** Economic Geography, New Central Book Agency (P) Ltd., Calcutta.

- **Saptarshi, P.G., More, J.C. Ugale, V.R. and Musmade, A.H. (2009):** India A Geographical Analysis Diamond, Pune.
- **Saxena, H.M. (2013):** Economic Geography, Rawat publication, Jaipur.
- **Siddhartha, K. (2000):** Economic Geography: Theories, Process and Patterns, Kisalaya Publications, New Delhi
- **Smith, D.M. (1971):** Industrial Location: An Economic Geographical Analysis, John Wiley and Sons, New York
- **Pagar, Thorat & More (2015):** Agriculture Geography, (Marathi), Atharv Publication, Pune
- **More J. (2014):** Geography & Agriculture For MPSC Examination, (Marathi), Atharv Publication, Pune

Semester I

Course: GGD-114 :Principles of Population and Settlements Geography

Course Outcome:

- 1 Student gets acquainted with the basic concepts in Population and settlement Geography.
- 2 The students will acquire knowledge about the population distribution in the world, factors affecting population distribution and about the concept of migration.
- 3 Understand patterns and processes of population growth and its implications.
- 4 Students understand the theories along with the fundamental concepts in Population and settlement Geography.

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Population and Settlement Geography	i. Definition, Nature and scope of Population Geography ii. Development of Population Geography as discipline iii. Approaches to the study of population Geography iv. Definition, subject matter and scope of Settlement Geography v. Development of Settlement Geography vi. Approaches: genetic, spatial and ecological	08
2	Population Distribution	i. Population distribution and factors affecting distribution of population ii. Density : definition and types iii. Factors affecting density of population iv. Population density in India v. Urbanization: definition and stages vi. Trend and level of urbanization in India	08

3	Population Growth and trend	i. Concept of population growth ii. Component of population growth (Fertility, Mortality, and Migration) iii. Theory of Demographic Transition iv. Malthus Theory v. Population growth and trend in India vi. Migration: concept of migrant and migration, immigration and emigration	08
4	Population Structure and Characteristics	i. Age and sex structure ii. Concept of aging of populations, iii. Dependency ratio iv. Sex Ratio: definition and affecting factors of sex ratio v. Sex ratio in India vi. Population Composition: religious, linguistics, ethnic, marital and educational vii. Literacy: definition and measures of literacy viii. Literacy in India	06
5	Fertility and Mortality	i. Concepts: fertility, fecundity, sterility, cohort ii. Crude birth rate, Total fertility rate iii. Concept of baby boom iv. Concepts: mortality and morbidity v. Death rate and its measures vi. Level and trends of mortality in India	06
6	Human Settlement	i. Classification: urban and rural ii. Rural-urban dichotomy iii. Site and situation aspect in settlement iv. Types: compact, semi-compact, hamleted and dispersed v. Patterns of settlement	08
7	Rural Settlements	i. Definition, classification of villages ii. Size and spacing of villages iii. Nearest neighbor analysis iv. Concepts of dispersion and nucleation v. Factors affecting dispersion and nucleation	08
8	Urban Settlements	i. Concept: urban place, urban agglomeration, urban sprawl ii. Urban settlement hierarchy iii. Urban-rural fringe iv. Rank-size rule v. Central Business District (CBD)	08

Reference Books:

- **Bhende, A. and Kanitkar, T. (2011):** Principles of Population Studies, Himalaya Publishing House, Bombay.
- **Beaujeu, G. J. (1966):** Geography of Population, Longman Group Ltd.
- **Chandna, R.C. (Rep.2010):** Geography of Population, Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi.

- **Clark, J. I. (1973):** Population Geography, Pergamon Press Ltd., Oxford.
- **Clark, J.I. (1984):** Geography and Population: Approaches and Applications, Pergamon Press Ltd., Oxford.
- **Hudson, (1970):** Geography of Settlement, Macdonald & Evans Ltd., London.
- **Khullar, D. R. (2011):** India A Comprehensive Geography, Kalyani Publication, New Delhi.
- **Michel Chisholm (1973):** Studies in Human Geography, London.
- **Mishra, R.S.(1975):** Economics of Growth and Development, Somaiya Publication Pvt. Ltd.
- **Singh R.Y. (Rep. 2010):** Geography of Settlements, Rawat Publication.
- **MusmadeArjun, SonawaneAmit and Jyotiram More, (2015)** Population & Settlement Geography (Marathi) -Diamond Publication Pune.

Semester I

Course: GGUP-115:Practical in Physical and Human Geography

Course Outcome:

1. Student gets acquainted with the basic techniques to be used in Geomorphology and Climatology.
2. Student gets acquainted with the basic techniques to be used in the fields of Economic and Population Geography.
3. Gain an insight in to the varied landforms and understand the process of their formation

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	Periods (3 hours)
		A Geomorphology	
1	Drainage Network	Stream ordering and Bifurcation ratio i. Strahler's method ii. Horton's method	02
2	Drainage Basin Relief Analysis	Relief analysis (for a 3 to 5 order drainage basin; based on grid method) i. Absolute relief map ii. Relative relief map iii. Hypsometric analysis iv. Basin cross profiles v. Block diagram (multiple section)	03
		B Climatology	
3	Climatic Element Diagrams	i. Climatograph ii. Climograph iii. Simple wind rose iv. Hythergraph v. Water Budget	03
4	Climatic Classification	i. Koppen's classification	02
		C Economic Geography	
5	Crop Combination and Crop Diversification	i. Weaver's method ii. Jasbir Singh	02

6	Measures of Network Structure	i. Ratio measure ii. Alpha, beta, gamma, etc. iii. Associated number, cyclomatic number	01
D Population and Settlement Geography			
7	Population Indices and Projection	i. Age-sex pyramid ii. Infant mortality rate iii. Population growth rate iv. Population projection	02
8	Measures of Nucleation and Dispersion	i. Rank size rule ii. Nearest neighbor analysis iii. Calculation of centrality	03
9	Field Visit and Report Writing	i. One day study tour or long tour of geographical interest places anywhere in the country and excursion report	02

Reference Books:

- **AsisSarkar (2015):** Practical Geography, A Systematic Approach, Orient Black Swan
- **Carter, H. (1977):** The study of Urban Geography, Edward Arnold, London.
- **Hans, R. (1978):** Fundamentals of Demography, Surjeet, Delhi.
- **Hudson F.S. (1976):** Geography of Settlements, Estover, Macdonald& Evans, England.
- **Liendsor, J.M. (1997):** Techniques in Human Geography, Routledge.
- **Lloyd, P. and Dicken, B. (1972):** Location in Space - A theoretical approach to economic geography, Harper and Row, New York.
- **Michael, E. and Hurse, E.(1974):** Transportation Geography, McGraw-Hill, New York.
- **Pollard, A.H. and FarhatYusu, (1974):** Demographic Techniques, Rushcutters Bay, N.S.W., Pergamon Press, Australia.
- **Singh, J. and Dhillon, (1984):** Agricultural Geography, Tata McGraw-Hill Publishing Company Limited, New Delhi.
- **Yeats, M.H. (1974):** An Introduction to Quantitative Analysis in Human Geography, McGraw-Hill, New York.

Semester II

Course: GGUT-121:Geoinformatics-I

Course Outcome:

1. Students can know about concept and components of Geographical Information System. They will understand the GIS Data Structures, develop an idea about GIS Data Analysis and They will know about application of GIS .
2. Students will apply spatial data analysis to solve natural, environmental and societal problems and challenges they will apply GIS in different real world situation
3. To know various applications of GIS and GPS in various fields. Handle integrated geospatial techniques and apply them in solving real world problems.
4. To understand and develop the different types of models for GIS spatial analysis
5. Describe various GIS tools and techniques within spatial analytical framework
6. Visualize GIS outputs in different dimensions and to design and produce thematic maps
7. Understand existing data dissemination systems and download appropriate spatial and non-spatial data using web services.

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to GIS	i. Definition, potential of GIS, concept of space & time ii. Spatial Information Theory iii. History of GIS iv. Objectives of GIS v. Elements of GIS, hardware & software requirements vi. GIS Applications vii. GIS Tasks- input, manipulation, management, query & analysis, visualization	14
2	Database	i. Spatial: spatial relationship, functional relationship, logical relationship ii. Non-spatial: nominal, ordinal, ratio and cyclic	08
3	Data Models	i. Spatial: Geometric primitives, Raster, Vector, Quad tree tessellation, comparative overview of raster and vector models, layers and coverage ii. Non-spatial: DBMS- Advantages, conceptual models; Implementational models- hierarchical, network and relational	12
4	Structuring of Spatial Data	i. Digitizers: manual, semi-automatic & automatic ii. Editing error: detection & correction, topology building	10

5	Data Analysis (I)	i. Attribute databases: operations from algebraic theory ii. Operations from set theory SQL: attribute query	08
6	Data Analysis (II)	i. Spatial Databases: map algebra, grid Operations: Local, Focal ii. SQL: spatial query	08

Reference Books:

- **Burroughs, P. A. and McDonnell, R. A. (2002):** Principles of Geographical Information System, Oxford University Press.
- **George J. (2004):** Fundamentals of Remote Sensing, Universities Press Pvt. Ltd., Hyderabad.
- **Jensen, J. R. (2003):** Remote Sensing of Environment, An Earth Resource Perspective, Pearson Education Pvt. Ltd., New Delhi.
- Kang- Tsung-Chang, Introduction to Geographical Information System, 2002, McGraw Hill.
- **Lillesand, T. M. and Kiefer R. W. (2002):** Remote Sensing and Image Interpretation, John Wiley and Sons, New Delhi.
- **Lo C. P. and Yeung, A.K.W. (2002):** Concepts and Techniques of Geographic Information System, Prentice Hall, India.
- **Paul A. Longley, Michel F. Goodchild, D J. Maguire and D W. Rhind, (2002):** Introduction to Geographic Information Systems and Science, John Wiley and Sons Ltd.
- Fundamentals of Remote Sensing, A Canada Centre for Remote Sensing Remote Sensing Tutorial.
https://www.nrcan.gc.ca/sites/www.nrcan.gc.ca/files/earthsciences/pdf/resource/tutor/fundam/pdf/fundamentals_e.pdf

Semester II**Course: GGUT-122: Coastal Geomorphology****Course Outcome:**

- 1 Students will get introduced with the basic concepts of Coastal Geomorphology.
- 2 The course will help the students to understand concept and theories related to sea-level rise.
- 3 Students will be aware of the coastal processes those operate in coastal environment.
- 4 The morphology and hydrodynamics of coastal environment can be deliberated in this course.
- 5 Students will comprehend the applications of Coastal Geomorphology useful in assessment and management.

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction: Coasts and Coastal Systems and Shore Zones	i. The coastal environment: littoral, shore, coastal zones ii. Components of coastal systems processes, sediment transport, morphology, stratigraphy iii. Spatial and temporal scales in Coastal Geomorphology iv. Coastal classification: genetic and morphological	06
2	Coastal Processes	Waves: i. Definition, wave length, amplitude, depth, period, fetch, frequency ii. Types of waves: sea waves, swell waves, capillary waves, gravity waves, long period tidal waves, storm waves, standing waves iii. Process of shoaling: wave breakers- spilling, plunging and surging, reflection, diffraction and refraction of waves Tides: i. Equilibrium theory of tides ii. Semidiurnal, diurnal, spring, and neap tides iii. Amphidromic point, co-tidal lines, coastal tides iv. Tides in bays and estuaries v. Tides and coastal landforms Currents: i. Wave induced shore normal and longshore currents, rip currents, beach drift ii. Wind induced, river induced and tide induced currents, flood and ebb currents	10

3	Sea level	i. Transgression, regression, relative eustatic sea level change ii. Causes and consequences of sea level change iii. Quaternary sea level changes, glacial eustasy, Staircase theory, Holocene transgression iv. Future sea level changes v. Indicators of former sea levels: Fossil beach ridges, beach rocks, abandoned cliffs, caves, raised features, marine terraces	10
4	Coastal sediments	i. Properties of coastal sediments ii. Types: clastic and biogenic sediments iii. Grain size characteristics iv. Sources of sediments: coastline erosion and sea floor v. Pathways of sediments transport: Factors affecting transport, sediments traps and sinks	08
5	Coastal environments -I	i. Fluvial-dominated: Coastal deltas: classification, formation, morphology of delta plain, delta front and pro-delta, Fan delta, braided delta, morphodynamics of deltas ii. Tide-dominated: morphology and hydrodynamics of estuaries and tidal flats	06
6	Coastal environments- II	i. Wave-dominated: Process of deposition, Beaches and spits: profiles, types and sediments, barrier islands, coastal sand dunes, dune systems, sea cliffs and caves: formation and morphology, shore platforms: formation types and morphology, sea arches, stacks, stumps, geos and blow holes ii. Biotic environments: mangrove swamps and salt marshes, corals and coral reefs	06
7	Applied coastal Geomorphology -I	Current coastal issues: i. Sea level rise ii. Storm hazard management iii. Tsunami iv. Coastal erosion and progradation v. Wetlands, kharlands, estuarine reclamation vi. Salt intrusion and subsidence of coastal aquifers	08
8	Applied coastal Geomorphology- II	Coastal hazard management: i. Impact, vulnerability and risk ii. Shoreline erosion management iii. Coastal adaptation and resilience iv. Coastal conservation v. Coastal policies and plans vi. Coastal Regulation Zone (CRZ Notification 2018) vii. Local and international case studies	06

Reference Books:

- **Bird, E.C. (2000):** Coastal Geomorphology: An Introduction, John Wiley and Sons, Chichester.
- **Bloom, A.L. (2002):** Geomorphology: A Systematic Analysis of Late Cenozoic, Landforms, Prentice-Hall of India, New Delhi.
- **Davis, J.L. (1980):** Geographical variation in coastal development, Longman, New York
- **Goudie, A.S. (Eds.) (2004):** Encyclopaedia of Geomorphology, Routledge, London.
- **Ivan, V. (2006):** Global Coastal Change, Blackwell publishing, Oxford.
- **Karlekar Shrikant (2009):** Coastal processes and landforms, Diamond Publication, Pune
- **King, C.A.M. (1972):** Beaches and Coasts, Edward Arnold, London.
- **Masselink, G. Hughes, M. and Knight, J. (2011):** Introduction to Coastal Processes and Geomorphology Hodder Education, London.
- **Pethick, J. (1984):** An Introduction to Coastal Geomorphology, Arnold-Heinemann, London.
- **Tooley, M. M. and Shennan, I. (1987):** Sea level changes, Basil Blackwell, Oxford, U. K. 8.

Semester II**Course: GGUT-123: Synoptic Climatology****Course Outcome:**

1. To understand the basics of Synoptic Climatology and its approaches.
2. To study various types of observation, analysis and reporting of weather data.
3. To understand the formats and reading of Indian daily weather report.
4. To understand Tropical and Extra-Tropical weather systems.
5. To understand the different weather patterns.
6. To develop skills of weather interpretation and forecasting with focus on application in Pollution studies, Marine, Aviation, Disaster and Agriculture.

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Synoptic Climatology	i. Definition, nature and scope ii. Levels of climatological synthesis	03
2	Approaches	i. Analytical approach ii. Synoptic approach	03
3	Weather reporting and analysis	i. Observing, reporting, collecting and analysis of weather data by India Meteorological Department ii. Synoptic charts and maps, synoptic scale motion, laws of motion	04
4	Tropical Weather Systems	i. Easterly Waves- formation and characteristics ii. Tropical Cyclones (Hurricanes)- formation, life cycle, structure and dynamics iii. Thunderstorm- origin, structure and stages of development, iv. Tornadoes- development and occurrence	12

5	Extra-Tropical Weather Systems	i. Air masses and fronts ii. Air masses of North America, Europe and Asia iii. Types of fronts iv. Frontal weather, frontogenesis and frontolysis v. Principal zones of frontogenesis vi. Rossbywaves, wave cyclone- formation, a. life cycle, idealized weather	12
6	Weather Patterns	i. Clouds- classification ii. Precipitation processes iii. Fog- formation and types iv. Heat and cold waves	10
7	Weather Forecasting	i. Types of weather forecasting ii. Methods of weather forecasting iii. Role of satellites	08
8	Application of Synoptic Climatology	i. Application in pollution studies ii. Marine activities iii. Aviation iv. Disaster prevention and preparedness v. Agriculture	08

Reference Books:

- **Barry, R.G. and Perry, A.H. (1973):** Synoptic Climatology: Methods and Applications, Methuen and Co. Ltd., London.
- **Lutgens, Frederic K. and Tarbuck, Edward J. (2010):** The Atmosphere: An Introduction to Meteorology, Pearson Prentice Hall, New Jersey.
- **Navarra, J.G. (1979):** Atmosphere, Weather and Climate, W. B. Saunders Company, Philadelphia.
- **Petterson, S. (1969):** Introduction to Meteorology, McGraw Hill, New York.
- **Rama Sastry, A.A. (1984):** Weather and Weather Forecasting, Publications Division, Ministry of Information and Broadcasting, Government of India, New Delhi.
- **Stringer, E.T. (1972):** Foundations of Climatology, W. H. Freeman and Company, New York.
-

Semester II**Course: GGUT- 124 :Agricultural Geography****Course Outcome:**

1. Students will learn about the scientific definitions of agricultural Geography, data sources, their constraints and techniques to analyze spatial distribution of agricultural development.
2. Students will help them to acquire the knowledge of agricultural Geography and its development.
3. On completion of the course the student will be able to understand comprehensively stages of the
4. Agricultural developments, problems and process and development of Industries.
5. It will help to students to understand the different types of agriculture, agricultural theories and models.

No. of Credits: 04**No. of Periods: 60**

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Agricultural Geography	i. Definition, nature, scope and significance ii. Approaches: systematic, commodity, regional, recent iii. Recent trends in Agriculture Geography	08
2	Significance of Agriculture	i. Significance of agriculture in world ii. Importance of agriculture in the Indian economy iii. Role of agro-based industry in regional development	06
3	Determinates of Agriculture	i. Physical factors ii. Economic factors iii. Social factor iv. Technological factors	10
4	Agricultural regionalization	i. Definition and concept ii. Views of Baker and Whittlesey iii. Crop combination techniques: Weaver and Thomas method iv. Agricultural efficiency: Kendall's ranking coefficient, Bhatia's method v. v. Agricultural regions of India	10
5	Agricultural Types	i. Intensive subsistent farming ii. Mixed farming iii. Horticulture iv. Plantation agriculture v. Commercial grain farming vi. Shifting cultivation	08
6	Problems and Prospects of	i. Problems and prospects with reference to India ii. Droughts and famines iii. Role of irrigation in agriculture development iv. Agricultural productivity in India	05

	Agriculture		
7	Sustainable Agricultural Development in India	i. Waste land management ii. Organic farming concept iii. Crop rotation iv. Group farming v. Pest and weed management vi. Agro-forestry vii. Agro-tourism	07
8	Characteristics of Indian agriculture	i. Green revolution in India: problems associated with Indian agriculture ii. National agricultural policy iii. Recent changes in Indian agriculture	06

Reference Books:

- **Aiyer, A.K.Y.N. (1949):** Agricultural and Allied Arts in Vedic India.
- **Bayliss Smith, T.P. (1987):** The Ecology of Agricultural Systems. Cambridge University Press, London.
- **Berry, B.J.L. et. al. (1976):** The Geography of Economic Systems. Prentice Hall, New York.
- **Brown, L.R. (1990):** The Changing World Food Prospects - The Nineties and Beyond. World Watch Institute, Washington D.C.
- **Dyson, T. (1996):** Population and Food, Global Trends and Future Prospects. Routledge, London.
- **Gregor, H.P. (1970):** Geography of Agriculture. Prentice Hall, New York.
- **Grigg, D.B. (1974):** The Agricultural Systems of the World. Cambridge University Press, New York.
- **Grigg, D.G. (1974):** The Agricultural Systems of the world An Evolutionary Approach.
- **Hartshorn, T.N. and Alexander, J.W. (1988):** Economic Geography. Prentice Hall, New Delhi.
- **Illbery, B.W. (1985):** Agricultural Geography, Social & Economic Analysis, Oxford University Press.
- **Mannion, A.M. (1995):** Agriculture and Environment Change. John Wiley, London.
- **Morgan, W.B. (1987):** Agriculture in the Third World - A Spatial Analysis. Westview Press, Boulder.
- **Morgan, W.B. and Monton, S.C. (1971):** Agricultural Geography Methuen, London.

- **Patil S. G., Suryawanshi R. S., Pacharne S. and Choudhar A. H. (2014):** Economic Geography, AtharavPrakashan, Pune.
- **Pagar S. D., More J. C. & Thorat A. M. (2015):** Agricultural Geography, Atharva Publication, Pune.
- **Randhawa, M.S. (1980):** An History of Agriculture in India Vols. I, II, III, IV, ICAR, New Delhi.
- **Saptarshi P.G., More J.C., Ugale V.R., Musmade A.H. (2009):** India A Geographical Analysis, Diamond, Pune.
- **Sauer, C.O. (1969):** Agricultural Origins and Dispersals. M.I.T. Press, Mass, U.S.A.
- **Singh, J. and Dhillon, S.S. (1988):** Agricultural Geography, 2nd edition, Tata McGraw-Hill, New Delhi.
- **Singh, J. and Dhillon, S.S. (1994):** Agricultural Geography, Tata McGraw Hill, Publishing Co.
- **Symons, Leslie (1970):** Agricultural Geography, G. Belt and Sons Ltd., London.
- **Tarrent, J.R. (1970):** Agricultural Geography, David and Charles, Newton Abbot.
- **Wigley, G. (1981):** Tropical Agriculture: The Development of Production, 4th edition, Arnold, London

Semester II**Course: Gg. 213:Population Geography****Course Outcome:**

1. To learn the nature and scope of population geography and various sources of population data.
2. To understand the population distribution, density and determinants of population growth in the World.
3. To review and understand the subject matter with the help of population theories.
4. To study the measures of nuptiality, fertility, mortality and analyse levels & trends of fertility & mortality in India.
5. To study the population movement including various types, theories, determinants & consequences of migration.
6. To understand the demographic, social, economic & cultural composition of population.
7. To able to know the concept of HDI & GDI and relation between population & development.
- 8 To understand the population policy of India and China.

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1.	Introduction	i. Definitions, nature and scope of Population Geography ii. Sources of population data: census, national sample survey, sample registration survey, NFHS, DLHS data	08
2.	Population Dynamics	i. Population distribution in the world ii. Density of population in the world iii. Determinates of population growth	06
3.	Population Theory	i. Malthus Theory ii. Optimum Population Theory iii. Demographic Transition Model	08
4.	Fertility	i. Concepts and measures of Nuptiality and fertility ii. Levels and trends of fertility in India iii. Determinants of fertility iv. Theories of fertility	08
5	Mortality	i. Concept of mortality & morbidity ii. Measures of mortality iii. Recent mortality levels in world iv. Mortality trends in India	08
6	Migration	i. Definition, types (Internal and International) ii. Concept: refugee, brain-drain migration iii. Determinants and consequences of migration.	06

		iv. Lee's Theory of Migration v. Ravenstein's laws of migration vi. Push-pull factors of migration	
7	Population Composition	Population Composition: i. Demographic ii. Social iii. Economic iv. Cultural	08
8	Population Development and Policies	Concept of Population Index: i. Human Development Index (HDI) ii. Gender Development Index (GDI) iii. Relation between population and development iv. Population policy of India v. New Population policy of China	08

Reference Books:

- **Agarwala, S.N. (1977):** India's population Problems, Tata McGraw Hill publishing Co. Ltd. , New Delhi.
- **Bose Ashis et.al. (1974):** Population in India's Development Vikas Publishing House, New Delhi, 1974.
- **Chandna R.C. (1986) :** Geography of Population concepts, Determinants and Patterns, Kalyani Publishers, New Delhi
- **Clarke J.I :** Population Geography, Pergamon Press, Oxford, 1973.
- **Clarke J.I. (Ed)(1984):** Geography and Population, Approaches and Applications, Pergamon Press, Oxford
- **Crook Nigel :** Principles of Population and Development, Pergamon Press New York, 1997.
- **Garnier B.J. (1970) :** Geography of Population, Longman, London
- **Pathak, K.B. and F.Ram, (1992) :** Techniques of Demographic analysis. Bombay: Himalaya Publishing house
- **Sundaram K.V. and Sudesh Nangia (Ed) (1986):** Population Geography, Heritage Publications, Delhi
- **U N D P (2002) :** Human Development Report, Oxford, 2002.
- **Woods R. (1970) :** Population Analysis in Geography, Longman, London
- **Zelinsky Wilbur (1966) :** A Prologue to Population Geography Prentice Hall
- **Musmade Arjun, Sonawane Amit and Jyotiram More, (2015):** Population & Settlement Geography (Marathi) -Diamond Publication Pune.

Semester II

Course: GGUT-126: Fluvial Geomorphology

Course Outcome:

1. Students will get introduced with the basic concepts of Fluvial Geomorphology.
2. The course will provide students with an overview of the fluvial systems and their dynamics.
3. Students will be aware of micro fluvial environment and the landscape. They will understand the concepts in Drainage Basin Hydrology, Open Channel Hydraulics, Channel Morphology, Hydraulic Geometry, Fluvial Erosion, Sediment Transport, Fluvial Deposition & River Metamorphosis
4. The morphology and hydrodynamics of coastal environment can be deliberated in this course.
5. Students will achieve the ability to understand process and mechanism involved in fluvial action for landform development.
6. Advanced knowledge in fluvial geomorphology develop advanced knowledge in fluvial geomorphology which deals with the action of the flow of water in the development of landform.
7. Different mechanisms and processes both traditional and contemporary have been included to cover up the important aspects of the subject. Students will also learn the relevance of applied aspects of Geomorphology in various fields.

No. of Credits: 04

No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Fluvial Geomorphology	i. Definition and scope ii. Drainage basin and stream network iii. The drainage basin as a geomorphic unit iv. Horton's laws of drainage composition v. Laws of allometric growth vi. Phases of drainage network development- Glock's model	4
2	Drainage Basin Hydrology	i. Runoff generation and types (infiltration-excess overland flow, throughflow, pipeflow and saturation-excess overland flow) ii. Channel initiation iii. Gully and channel formation iv. Discharge and magnitude/frequency of flows in river system (flood stages and hydrographs, discharge measurement methods)	4
3	Open Channel Hydraulics	i. Types of flows- steady and unsteady flow, uniform and non-uniform flow, and Laminar and turbulent flow ii. Flow behaviour- sub-critical, critical and supercritical flow iii. Flow velocity variations and measurement methods iv. Shear stress and stream power	06

4	Channel Morphology	i. River categories- alluvial, bedrock and mix alluvial-bedrock ii. Cross-section morphology and reach morphology- width-depth ratio, channel capacity, wetted perimeter, hydraulic radius and gradient iii. Controls on channel morphology- morphologic and hydrologic controls iv. Channel bed configuration- ripples, dunes, anti-dunes, riffle-pool sequence, steps and pools v. Channel patterns or planforms- straight, meandering, braided, anabranching and anastomosing vi. Concept of grade- long profile: below, near and above grade conditions	10
5	Hydraulic Geometry	i. At-a-station hydraulic geometry ii. Downstream hydraulic geometry iii. (Relation of discharge with width, depth, velocity and gradient)	6
6	Fluvial Erosion	i. Types of erosion- vertical, lateral and headward erosion ii. Erosional Processes- solution, abrasion, cavitation, attrition, impaction, hydraulic action iii. Erosional landforms of bedrock channels- gorge, canyon, incised meanders, rapids, waterfalls, potholes, inner channels, grooves, etc.	8
7	Sediment Transport	i. Types of river load- solution and particulate load ii. Capacity and competence iii. Entrainment of sediment- forces acting on a submerged particle, critical shear stress and critical velocity iv. Modes of sediment transport in rivers- dissolved load, wash load, bedload and suspended load v. Measurement of sediment load vi. Sediment yield	8
8	Fluvial Deposition	i. Floodplains and associated features- meanders, point bars, ox-bow lakes, natural levees, backswamps, yazoo streams, etc. ii. River terraces- formation and classification iii. Alluvial fans and bajadas iv. Delta- formation and types v. Mid-channel and bank attached channel forms	8

9	River Metamorphosis	i. Definition, environmental change ii. Evidences of metamorphism (direct observations, historical records, sedimentary evidence and dating techniques) iii. Long-term and short-term adjustments iv. Quaternary fluvial systems	6

Reference Books:

- **Charlton, R. (2008):** Fundamentals of fluvial Geomorphology, Routledge, New York.
- **Fryirs, K.A. and Brierley, G.J. (2013):** Geomorphic Analysis of River Systems: An approach to reading the landscape, Wiley-Blackwell.
- **Garde, R.J. (2006):** River Morphology, New age international limited publishers New Delhi.
- **Kale, V.S. and Gupta, A. (2001):** Introduction to Geomorphology, Orient Longman, Kolkata.
- **Knighton, D. (1998):** Fluvial forms and processes, Arnold, an imprint of Hodder Education, an Hachette UK Company, London.
- **Kondolf, M.G. and Piegay, H. (2016):** Tools in Fluvial Geomorphology, Wiley-Blackwell.
- **Leopold, L.B., Wolman, M.G. and Miller, P. (1954):** Fluvial processes in Geomorphology, Freeman and Co. San Francisco.
- **Maithi, R. (2016):** Modern approaches to Fluvial Geomorphology, Primus Books.
- **Mangelsdorf, J., Scheurmann, K. and Weib, F.H. (1989):** River Morphology, Springer-Verlag.
- **Morisawa, M. (1985):** Rivers: Forms and Processes, Longman, UK.
- **Richards, K. (1982):** River: Forms and processes in alluvial channels. Methuen and Co. London.
- **Robert, A. (2003):** River Processes: An Introduction to Fluvial Dynamics. Hodder Education, and Hachette UK Company, London.
- **Schumm, S. A. (1977):** Fluvial Systems. Wiley, New York.
- **Schumm, S.A., Mosley, M.P. and Weaver, W.E. (1987):** Experimental Fluvial Geomorphology, A Wiley, Inter-science Publication.

Semester II

Course: GGUT-127: Monsoon Climatology

Course Outcome:

1. To understand the basic concepts of Monsoon and Monsoon Climatology.
2. To understand the origin of monsoon and monsoon models.
3. To study various regional aspects of Indian Monsoon.
4. To understand the inter-seasonal and inter-annual variation of Indian monsoon.
5. To acquire knowledge of scales, factors, models and current monsoon forecasting system of India Meteorological Department.

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1	Monsoon	i. Introduction and scope of Monsoon Climatology ii. Historical background and economic importance of monsoon	05
2	Origin of Monsoon	i. Different concepts related to origin of Monsoon – Thermal concept, Flohn's concept, Aerological concept ii. The Asian Monsoon: East and South Asian Monsoon iii. Classical Theory of Indian Monsoon iv. Tibetan Plateau and Monsoon	12
3	Monsoon Model	i. Driving mechanism ii. Monsoon on non-rotating and rotating Earth iii. Realistic Monsoon Model	08
4	Monsoon Climatology	i. Normal temperature, wind and pressure, ii. Dates of onset and withdrawal of monsoon rainfall	06
5	Regional Aspects of Indian Monsoon	i. Semi-permanent systems- heat low, Monsoon trough, ii. Easterly Jet, Tibetan High	06
6	Intra-seasonal Variation	i. Active and break period, depressions, trough of low Pressure ii. Mid-tropospheric disturbances, offshore and onshore vortices iii. Effect of topography	06
7	Interannual Variation	i. Variability of summer monsoon rainfall ii. Snow cover iii. Meteorological Teleconnections: El Niño Southern Oscillation (ENSO) iv. Indian Ocean Dipole (IOD) v. North Atlantic Oscillation (NAO) vi. Walker Circulation vii. Role of ocean and upper atmosphere	10

8	Forecasting of Monsoon	i. Different time scales ii. Factors for forecasting iii. Power regression and parametric model iv. Current monsoon forecasting system of India Meteorological Department v. MONEX and IIOE	07

Reference Books:

- **Das, P.K. (1991):** Monsoons, National Book Trust, New Delhi.
- **Fein, J.S. and Stephens, P.L. (1987):** Monsoons, John Wiley and Sons, New York.
- **Keshavmurty, K.N. (1992):** The Physics of Monsoons, Allied Publishers Limited, New Delhi.
- **Pant, G.B. and Rupa Kumar, K. (1997):** Climates of South Asia, John Wiley and sons, Chichester.
- **Rao, Y.P. (1976):** Meteorological Monograph, Meteorology No. 1/1976, Southwest Monsoon, India Meteorological Department.

Semester II

Course: GGUT-128: Industrial Geography

Course Outcome:

1. On completion of the course the student will be able to understand comprehensively stages of the economic process and development of Industries.
2. It will help them to identify industrial problems and consequences.
3. It will help them to understand the development and significance of manufacturing Industries and its links with the world economy.
4. Students will understand the location of major manufacturing activities with the support of various industrial location theories and models.

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Industrial Geography	i. Definition, nature and scope ii. Manufacturing and regional economies iii. Importance of industries in India's economic development	06
2	Industrial Location	i. Factors of industrial location: physical, economic, political and socio-cultural ii. Centralization and decentralization of industries iii. Agglomeration of industries iv. Industrial linkages v. Footloose industry	08

3	Models in Industrial Geography	i. Weber's model ii. Losch's model iii. Greenhut's model iv. Israd's model	08
4	Problems and Prospects of Industries in India	i. Iron and steel ii. Cotton textile iii. Sugar industries iv. Automobile v. Chemical vi. Tourism industry	10
5	Industrial Regions of India	i. Industrial regions of India ii. Characteristics of industrial regions iii. India's industrial policy iv. Agro-based industries in India v. SEZ vi. Small Scale Industries in India	06
6	Industrial Regions	Study of two industrial from each region i. Western Europe ii. Anglo-America iii. Japan iv. China	08
7	IT Industries in India	i. Currents scenario of IT Industry in India ii. Major IT hubs in India iii. Problems and prospects of IT industry in India iv. Impact of globalization on IT industry in India	08
8	Currents Scenario of Industry Sector in India	i. Role of MIDC in economic development of Maharashtra. ii. Role of FDI in development of Indian Industry iii. Problems and prospects of agro-based industries in Maharashtra	06

Reference Books:

- **Alexander, JW. (1973):** Economic Geography, Prentice Hall, New Jersey.
- **Baghla, S. (2017):** Industrial Geography, Book Enclave Publication.
- **Estall and Buchanan (1969):** Industrial Activity and Economic Geography.
- **Smith, David, M. (1971):** Industrial Location- An Economic Geographical Analysis, John Wiley and Son, New York.
- **Miller, E.C. (1977):** Manufacturing-A study of Industrial Location, Penn State University, University Park, U.S.A.
- **Shaw, E.B. (1979):** An Anglo-America- A Regional Geography.

- **Riley, R.C. (1973):** Industrial Geography, Progress Publication, Moscow.
- **Watts, H.D. (1989):** Industrial Geography, Longman Group Ltd. Hong Kong.
- **Carlo, G., Mehdi, J. and Dino, M. (2003):** Fundamentals of Software Engineering, Pearson Edu. Pte. Ltd. New Delhi.
- **Richard, E. Fairley:** Software Engineering- Concepts, Tata Mc-Graw Hill Publishing Company, New Delhi.
- **Shahid, Y. and Kaoru, N. (2010):** Changing the Industrial Geography in Asia, The Impact of China & India, World Bank Publications.
- **Robinson, H. (1996):** Geography of Tourism, Macdonald and Evans, London.

Semester II

Course: GGUT-129: Geography of Rural Settlements

Course Outcome:

1. To understand the evolution of settlements & sequence of occupancy from neolithic to modern period.
2. To learn the historical, cultural and geographical aspects of settlements reflected in place names.
3. To understand the growth and distribution of settlements and also know about factors affecting on the growth of settlements.
4. To understand the concept of dispersion, nucleation and accordingly measuring the degree of dispersion.
5. To explain the Von Thunen & Ricardo theories of rural land use.
6. To understand the rural economic activities and concept of centrality and hierarchy of rural service centers. Central Place Theory
7. To understand the morphogenesis of rural settlements and socio-economic transformation in rural areas.
8. To understand the demographic characteristics of rural settlement.
9. To understand the various type, causes & consequence of migration in rural areas.
10. To familiarize the student with house types and settlement patterns in the Maharashtra.

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Geography of Rural Settlements	i. Definition ii. Evolution of settlements iii. Sequence of occupancy from Neolithic to modern period iv. Historical, cultural and geographical aspects of settlements reflected in place names	07
2	Growth and Distribution	i. Site, situation, location ii. Various factors affecting on settlement site and situations iii. Dispersion and nucleation iv. Factors affecting dispersion and nucleation v. Methods of the measuring degree of dispersion vi. Factors affecting growth of settlements vii. System of land division viii. Water rights system of agriculture ix. Land tenancy system	12
3	Theories of Rural Land Use	i. Intensity of land use ii. Labour cost iii. Marketing of product iv. Von Thunen Theory v. Ricardo Theory	10

4	Rural Economic Activities	i. Functional analysis of service village and a. trading Center ii. Centrality and hierarchy of rural service centers iii. Central Place Theory	06
5	Morphogenesis of Rural Settlements and Transformation	Morphogenesis: i. Social ii. Cultural iii. Economic organization within villages iv. Functional growth v. Socio-economic transformation in rural areas	06
6	Demographic Characteristics of Rural Settlement	i. Age-Sex, Education, Occupation, Caste ii. Migration: causes & consequence of migration in rural areas iii. Seasonal migration iv. Commuting patterns	07
7	Rural House Types	i. Primitive, vernacular and modern high rise ii. Physical, social, cultural and economic factors iii. Size, functional use and architectural style iv. Building material	06
8	Rural Settlements in Maharashtra	i. Various patterns ii. House types and settlement patterns in the Maharashtra iii. Modern forms of rural settlements	06

Reference Books:

- **Alam, S.M. et.al. (1982):** Settlement System of India Oxford and IBH Publication Co., New Delhi.
- **Chisholm M. (1967):** Rural Settlement and Land use. John Wiley, New York.
- **Clout, H.D. (1977):** Rural Geography, Pergamon, Oxford.
- **Doniel, P. and Hopkinson, M. (1986):** The Geography of settlement Oliver & Boyd, Edinburgh.
- **Grover, N. (1985):** Rural Settlement: A Cultural Geographical Analysis. Inter India Publication, Delhi.

- **Hudson, F.S. (1976):** A Geography of Settlements, Macdonald and Evans, New York.
- **Ramchandran, H. (1985):** Village clusters and Rural Development. Concept Publication, New Delhi.
- **Rao R. N. (1986):** Strategy for Integrated Rural Development. B.R. Publication, Delhi.
- **Sen, L.K. (1972):** Readings in Micro-level Planning and Rural Growth Centers, National Institute of Community Development, Hyderabad.
- **Srinivas M.N. (1968):** Village India, Asia Publication House, Bombay.
- **Wanmati S. (1983):** Service Centers in Rural India, B.R. Publication Corporation, Delhi.
- **Musmade AH, Sonawane AE, More JC, (2015):** Population & Settlement Geography, (Marathi), Diamond Publication, Pune

Semester II

Course: GGDТ-130: Geography of Tourism

Course Outcome:

1. Students will get introduced with the basic and recent concepts related to tourism.
2. The course will help the students to understand various factors which affect tourism.
3. Students will comprehend various roles of accommodation in tourism.
4. Students will be aware of Indian tourism through various case studies.
Students will get overall knowledge about tourism section in India.

No. of Credits: 02 No. of Periods: 30

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction to Geography of tourism	i. Definition: tourist and tourism ii. Concept of recreation and leisure iii. Importance of tourism iv. Impact of tourism on economy of nation	02
2	Classification and Recent Concepts of Tourism	i. Classification on the basis of: nationality, time of travel, number of tourist and purpose ii. Recent concepts: agro-tourism, eco-tourism, heritage tourism and adventure tourism	10
3	Factors of Tourism	i. Physical factors: relief, climate, vegetation, wild life and water bodies ii. Socio-cultural factors: religious, historical and cultural, economic, transportation and accommodation	08
4	Role of Accommodation in Tourism	i. Hotels, motels, inn, saraies, dharmashalas ii. Government accommodation, tourist homes iii. Youth hostels, cottages, tents, caravans iv. Rail yatri bhavan, house boats v. Private accommodations and unrecognized accommodations	06
5	Indian Tourism	Case studies i. Hill stations: Manali, Mahabaleshwar ii. Beaches: Kalangut (Goa), Ganpatipule iii. Historical centres: Agra, Pratapgad iv. Caves : Badami, Ajanta v. Religious Centres: Prayagraj (Allahabad), Shirdi vi. National Parks: Kaziranga, Tadoba vii. Dams: Sardar Sarovar, Koyna viii. Waterfalls: Nohkalikai Fall, Thaseghar	04

Reference books

- **Bhatia A.K. (1996):** Tourism Development: Principles and Practices, Sterling Publishers, New Delhi
- **Bhatiya, A.K.(1991):** International Tourism - Fundamentals and Practices, Sterling, New Delhi,
- **Chandra, R.H.(1998):** Hill Tourism: Planning and Development, Kanishka Publishers, New Delhi,
- Hunter, C and Green, H.(1995): Tourism and the Environment: A Sustainable Relationship, Routledge, London,
- **Inskip, E. (1991):** Tourism Planning: An Integrated and Sustainable Development Approach, Van Nostrand and Reinhold, New York,
- **Kaul, R.K.(1985):** Dynamics of Tourism & Recreation. Inter-India, New Delhi.
- **Kaur, J.(1985):** Himalayan Pilgrimages & New Tourism Himalayan Books, New Delhi,
- **Lea, J.(1988):** Tourism and Development in the Third World, Routledge, London,
- **Milton, D.(1993):** Geography of World Tourism Prentice. Hall, New York,
- **Pearce, D.G.(1987):** Tourism To-day: A Geographical Analysis, Harlow, Longman, Pratap, R. and Prasad, K. (2005): Tourism Geography, Shree Publishers & Distributors, New Delhi.
- **Robinson, H.A.(1996):** Geography of Tourism. Macdonald and Evans, London,
- **Sharma, J.K. (ed.)(2000):** Tourism Planning and Development - A new perspective, Kanishka Publishers, New Delhi,
- **Suryawanshi, R.S.(2012):** Assessment of Potential for Eco- Tourism, Northern Thane District, Maharashtra. Lap Lambert Academic Publishing, Germany
- **Shaw, G. and Williams, A.M.(1994):** Critical issues in Tourism-A Geographical Perspective, Oxford: Blackwell,
- **Sinha P. C. (ed.)(1998):** Tourism Impact Assessment, Anmol Publishers, New Delhi,
- **Theobald, W. (ed.)(1994):** Global Tourism: The Next decade, Oxford, Butterworth, Heinemann, Oxford,
- **Voase, R.(1995):** Tourism: The Human Perspective Hodder& Stoughton, London

Semester II**Course: GGDP-131: Practical in Surveying****Course Outcome:**

1. Students will understand the basic fundamentals of surveying i.e. Benchmarks, Spot heights, reduced levels, Interpolation and contouring
2. Student will draw cross profiles of rivers using Collimation and rise and fall method of Dumpy level survey
3. Student will prepare contour map of the region using Transit theodolite
4. Study and understand the techniques of surveying, using dumpy level and theodolite for practical, field work, research, and measurement and management of area.
5. Field visit will give spatial data using Dumpy level survey and Transit theodolite survey

No. of Credits: 02 No. of Periods: 30

Topic No.	Topic	Sub topics	Periods (3 hours)
1	Introduction to Surveying	i. Definitions and methods ii. Benchmarks iii. Spot heights iv. Reduced levels v. Interpolation and contouring	01
2	Dumpy/Auto level	i. Various components and common terms used in dumpy level survey ii. Collimation method and Rise and Fall method iii. Profile drawing and block contouring	02
3	Transit Theodolite	i. Various components and common terms used in Theodolite ii. Intersection method and Tachometric method	02
4	Total Station	i. Various components and common terms used in Total Station ii. Area and profile drawing	03
	Field Visit	i. Dumpy level/Theodolite /Total Station Survey of a Beach, River Profiles and Slope	02

Reference books

- **Asis Sarkar (2015):** Practical Geography, A Systematic Approach, Orient Black Swan
- **Duggal, S.K. (2013):** Surveying Vol. 2, McGraw Hill Publication, New York.
- **Kanetkar, T.P. and Kulkarni, S.V. (2010):** Surveying and Leveling Vol. II, Pune Vidyarthi Publication, Pune.
- **Maslov, AV., Gordeev, A.V. and Batrakov, Yu.G. (1984):** Geodetic surveying, Mir Publishers, Moscow.
- **Rangwala, S.C. (2011):** Surveying and Leveling, Charotar Publishing House Pvt. Ltd. Anand, (Gujarat), India.
- **Punmia, B.C., Jain A. and Jain A. (2011):** Surveying, Vol. II. and III, Laxmi Publication - New Delhi.

Semester II**Course No: GGDT-132: Geography of Disaster Management****Course Outcome:**

1. To introduce the concepts, classification of disasters.
2. To appraise the students with various causes and effects of disaster.
3. To identify the various causes and effects of disaster
To create the Technologies for disaster management amongst the students.

No. of Credits: 02 No. of Periods: 30

Topic No.	Topic	Sub topics	No. of Periods
1	Introduction	Concepts and definitions i. Disaster, Hazard, Vulnerability, Resilience, Risks ii. Classification of disasters	02
2	Natural Disasters	Causes and effects: i. Earthquake, Volcano, Landslide, Tsunami ii. Cyclone, Flood, Drought	10
3	Man-made disaster	Causes and effects: i. Fire, Terrorism, Food poisoning ii. Strike and lockouts, accidents, stampedes iii. Major man-made disaster examples in India	08
4	Disaster management	i. Phases of disaster cycle ii. First aid iii. Role of Armed forces, police forces and NGO'S in disaster management	06
5	Technologies for Disaster Management	i. Application of Modern Technologies for the emergency communication ii. Uses of remote sensing, GIS and GPS in disaster management	04

Reference books

- **Agarwal, A. and Narain S. (Ed) (1999):** State of India's Environment. The Citizens Report, Centre for Science and Environment, New Delhi
- **Bryant Edward (2000):** Natural Hazards, Cambridge University Press
- **Daly, H.E. (1996):** Beyond Growth, Beacon Press, Boston
- **Daly, H.E and Twonseed K.N. (Ed) (1993):** Valuing the earth – Economics, Ecology and Ethics, MIT Press, London
- **Hart M. G. (1986):** Geomorphology, Pure and Applied, George Allen and Unwin, London
- **Morrisawa M (Ed) (1994):** Geomorphology and Natural Hazards, Elsevier, Amsterdam
- **Singh Savindra (2000):** Environmental Geography, ParagPustakBhavan, Allahabad
- **Smith, K. (2001):** Environmental Hazards: Assessing Risk and Reducing Disaster, Routledge
- **Turk J. (1985):** Introduction to Environmental Studies, Saunders, College Publication, Japan
- **Saptarshi PG, More JC, Ugale VR, (2009):** Geography and Natural Hazards, (Marathi), Diamond Publishing
- **Musmade AH, More JC (2014):** Geography of Disaster Management, (Marathi), Diamond Publication, Pune

Course: GGDP-133: Practical in Map Projections**Course Outcome:**

1. Students will be able to know concept of measurement and determination of projections.
2. Students will be acquainted with the knowledge regarding the latitude and longitude with the help of Projections and their different applications.
3. Students will comprehend the location through traversing techniques, to calculate and plot the projections.
4. The practical course will help to analyse errors and derive unknown bearings, distance, coordinates, curves, elements and areas through projections.
5. Students will get overall knowledge about map projections and their importance.

No. of Credits: 02 No. of Periods: 30

Topic No.	Topic	Sub topics	Periods (3 hours)
1	Map projections	iv. Definition and necessity of projections v. Types- Perspective and non- perspective, conventional vi. Classification based on a) Developable surfaces used b) Position of source of light c) Properties	01
2	Zenithal Projections	iii. Zenithal Polar Gnomonic Projection iv. Zenithal Polar Stereographic Projection	03
3	Conical Projections	vi. Polyconic Projection vii. International Map Projection (Modified Polyconic)	02
4	Cylindrical Projections	i. Mercator's Projection ii. Universal Transverse Mercator (UTM) Projection	02
5	Conventional Map Projections	i. Mollweide Projection ii. Sinusoidal Projection	02
Graphical construction, properties and uses of following projections (2 exercise of each)			

Reference books

- **Asis Sarkar (2015):** Practical Geography, A Systematic Approach, Orient Black Swan
- **Maling, DH. (1973):** Coordinate systems and map projections, George Philip, London.
- **Richardus, P. and Adler Ron, K. (1972):** Map projections, North Holland publ. Co., Amsterdam.
- **Saha, P. and Basu, P. (2007):** Advanced Practical Geography, Books and Allied (P) Ltd. Kolkatta.
- **Steers, J.A. (1970):** An Introduction to Study of Map Projections. University of London Press Ltd., London.

Course: GGUP-134:Practical of Statistical Techniques for Geography**Course Outcome:**

1. To introduce the importance, applications of statistical techniques in geography.
2. To introduce and calculate statistical methods and its application.
3. To enable the students to understand central tendency.
4. To introduce the Probability and probability distribution.
5. To acquaint the students with the correlation and regression analysis.
6. To introduce the time series analysis, application, components and plotting.

No. of Credits: 04 No. of Periods: 60

Topic No.	Topic	Sub topics	Periods (3 hours)
1	Introduction to Statistical Techniques in Geography	i. Introduction and applications of statistical techniques in Geography ii. Types of statistics: descriptive and inferential statistics iii. Geographical data a) Primary and secondary data b) Spatial and temporal data c) Discrete and continuous data d) Grouped and ungrouped data iv. Scales of measurement: nominal, ordinal, interval and ratio	01
2	Descriptive Statistics	i. Introduction to descriptive statistics ii. Central tendency: mean, mode, median iii. Dispersion: variance and standard deviation iv. Skewness and kurtosis (Calculations of above parameters for ungrouped and grouped data)	03
3	Probability and Probability Distributions	i. Introduction to probability ii. The Normal Probability Distribution iii. The Binomial Probability Distribution iv. The Poisson Probability Distribution	03
4	Inferential Statistics	i. Introduction to inferential statistics ii. Population and sample iii. Hypothesis testing: Null and alternate hypothesis iv. The Chi-square test (Two sample case) v. Student's 't' test (Two sample tests) vi. ANOVA (Analysis of variance)/ F ratio test	05

5	Correlation and Regression Analysis	i. Introduction to bi-variate correlation and regression ii. The product-moment correlation coefficient iii. Significance testing in correlation analysis iv. Linear regression equation v. Exponential regression equation vi. Power-law regression equation vii. Concept of residuals and explained variance	05
6	Time Series Analysis	i. Introduction and definition of time series ii. Applications of time series analysis iii. Components of time series iv. Calculation and plotting of moving averages (3 and 5) v. Curve fitting by method of least squares	02
7	Fieldwork and Data Collection	i. Collection of primary and/or secondary data by fieldwork or field visit ii. Analysis of data by using appropriate statistical technique(s) iii. Report writing	01

Reference Books:

- **Asis Sarkar (2015):** Practical Geography, A Systematic Approach, Orient Black Swan
- **David, E. (1989):** Statistics for Geographers.
- **Elhance, D.L., Elhance, V. and Aggarwal B.M. (2014):** Fundamentals of Statistics, Kitab Mahal, Allahabad.
- **Hammond, R. and McCullagh, P. (1978):** Quantitative Techniques in Geography, Clarendon Press. Oxford, London.
- **Karlekar, S. and Kale, M. (2006):** Statistical Analysis of Geographical Data, Diamond Publication, Pune.
- **Liendson, J. M. (1997):** Techniques in Human Geography, Routledge.
- **Norcliffe, G.B. (1977):** Inferential Statistics for Geographers, Hutchinson, London.
- **Rogerson, P.A. (2015):** Statistical Methods for Geography, SAGE Publication, London.
- **Wheller, D., Shaw, G. and Barr, S. (2010):** Statistical Techniques in Geographical Analysis, David Fulton, Routledge, New York.
- **Yeats, M. H. (1974):** An Introduction to Quantitative Analysis in Human Geography.



Savitribai Phule Pune University

(Formerly University of Pune)

M.A./M.Sc.-II (Geography)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2020-2021

Title of the Course: M.A./M.Sc. (Geography)**Preamble****Introduction:**

Savitribai Phule Pune University has decided to change the syllabi of various faculties from June 2020. Taking into consideration the rapid changes in science and technology and new approaches in different areas of Geography and related subjects, Board of Studies in Geography after a thorough discussion with the teachers of Geography from different colleges affiliated to the Savitribai Phule Pune University, Pune has prepared the syllabus of M.Sc. /M. A. Semester - III and Semester- IV (w.e.f. 2020-21) Geography course under the Choice Based Credit System (CBCS). The model curriculum as developed by U.G.C. is used as a guideline for the present syllabi.

Aims and Objectives of the new curriculum:

- i) To maintain updated curriculum.
- ii) To take care of fast development in the knowledge of Geography.
- iii) To enhance the quality and standards of Geography Education.
- iv) To provide a broad common frame work, for exchange, mobility and free dialogue across the Indian Geography and associated community.
- v) To create and aptitude for Geography in those students who show a promise for higher studies and creative work in Geography.
- vi) To create confidence in others, for equipping themselves with that part of Geography which is needed for various branches of Sciences or Humanities in which they have aptitude for higher studies and original work

M.A./ M.Sc./ Geography Program Outcome

Students who are successfully trained through the M.A. Geography Programme:

1. Will get knowledge of geographical terms, concepts, and theories and will be able to explain and find out the relation between geographical factors and processes.
2. Able to develop and prepare various thematic maps and map reading skills.
3. Will be able to understand and apply to collect geographical data through qualitative and quantitative techniques and will be able to analyze the data related to physical and human aspects of the real world.
4. Will be able to communicate the results of the research in written form and oral communication.
5. Will be able to understand and relate how their life is related to different geographical factors such as environmental, economic, social, and cultural at the local and global scale. He/she will be able to evaluate factors such as environmental, economic, social, and cultural, with respect to spatial dimensions from a local to global scale.
6. Will learn and think in spatial dimensions and will be able to find out the temporal change which took place over the period of time. S/he will be able to understand the present and extrapolate for the future.
7. Will be able to understand different concepts of sustainability, sustainable development goals, and how a man can use the physical environment for the benefit of human societies, and in the achievement of SDGs and MDGs.
8. Will acquire skills in interpretation of thematic maps through visual and/or digital interpretation of topographic maps, weather maps, aerial photographs, and satellite images.
9. Will be able to apply knowledge of remote sensing concepts, and techniques in various fields of earth and environment sciences.
10. Will be able to present the completed research through cartographic tools and other visual formats, with an explanation of research methodology, and carry out scholarly discussions.
11. She/he will be able to develop a research design including hypotheses, and research questions and also will be able to do a critical analysis of both qualitative and quantitative data to find out the answers using various theoretical and methodological approaches in both physical and human geographies.
12. Will be able to understand the geographical distribution of the global human population and factors affecting human populations including human settlement and economic activities and transport networks. The students will be able to understand the impacts of human activities on the physical environment.

Savitribai Phule Pune University
Faculty of Science and Technology
Geography MA/MSc – II
Semester – III

Course Code	Core Compulsory Theory Paper (CCTP)	Choice Based Optional Paper (CBOP)	Theory / Practical	Credit	Core Compulsory Practical Paper (CCPP)	Credit
GGUT-235	Geoinformatics-II	-	-	04	-	04
GGUT-236	Geographical Thoughts	-	-	04	-	04
One of the following according to specialization from CCTP						
GGUT-237	Tropical Geomorphology	-	-	04	-	04
GGUT-238	Applied Climatology	-	-	04	-	
GGUT-239	Geography of Rural Development	-	-	04	-	
GGUT-240	Urban Geography	-	-	04	-	
Choice Based Optional Paper (CBOP) (1 Theory + 1 Practical)						
		GGDP-241	Practical in Geoinformatics	02	-	04
		GGUT-242	Hydrology	02		
		GGUT-243	Watershed Management	02	-	
		GGDP-244	Practical in Multivariate Statistics	02	-	
One of the following according to specialization from CCPP						
				GGUP-245	Practical in Geomorphology	04
				GGUP-246	Practical in Climatology	
				GGUP-247	Practical in Economic Geography	
				GGUP-248	Practical in Population and Settlement Geography	
Total Credits of Semester - III						20

Savitribai Phule Pune University
Faculty of Science and Technology
Geography MA/MSc – II
Semester - IV

	Core Compulsory Theory Paper (CCTP)	Choice Based Optional Paper (CBOP)	Theory / Practical	Credit	Core Compulsory Practical Paper (CCPP)	Credit
GGUT-249	Geography of India	-	-	-	-	04
GGUT-250	Oceanography	-	-	-	-	04
GGUT-251	Research Methodology	-	-	-	-	04
Choice Based Optional Paper (CBOP) (1Theory + 1Practical)						
		GGUT-252	Geography of Soils	02		04
		GGDP-253	Practical in Geostatistics	02		
		GGUT-254	Political Geography	02		
		GGUT-255	Regional Planning	02		
		GGDP-256	Practical in Watershed Analysis	02		
		GGDP-257	Interpretation of Topographical Maps and GPS Survey	02		
Core Compulsory Practical Paper (CCPP)						
				GGUT-258	Geography of World	04
				GGUP-259	Dissertation/ Research Project	04
Total Credits of Semester - IV						20

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUT-235 Geoinformatics II

Course Outcome:

1. Students will be understood to use remote sensing techniques and acquire the earth data.
2. Students will be learned various world level institutes of space research, launches satellites and remote sensing data
3. Students will be able to explain the applications, skill, of the GIS and Remote sensing techniques

No. of Credits: 04

No. of Periods: 60

Topic No.	Topic	Subtopics	No. of Periods
1	Introduction to Remote Sensing	i. Remote Sensing: definition, concept and principles ii. History and development of Remote Sensing in India	05
2	EMR and EMS	i. EM Radiation and EM Spectrum ii. Interaction of EMR with atmosphere iii. Interaction of EMR with Earth's surface iv. Black body radiation, Laws of radiation	10
3	Platforms and Satellites	i. Platform: Types and characteristics ii. Satellites: Geo-stationary and Sun synchronous iii. Earth Resources Satellites: LANDSAT, SPOT, IRS, IKONOS satellite series iv. Meteorological satellites: INSAT, NOAA, GOES	15
4	Sensors	i. Sensors: Across track (whiskbroom) and Along track (pushbroom) scanning ii. Optical mechanical scanners: MSS, TM, LISS, WiFS, PAN	08
5	Resolution	i. Spatial Resolution ii. Spectral Resolution iii. Temporal Resolution iv. Radiometric Resolution	05
6	Image Interpretation Techniques	i. Basic principles, types, steps and elements of image interpretation ii. Techniques of visual interpretation and interpretation keys	05
7	Aerial Photography	i. Aerial camera: Components ii. Aerial Photography: Definition and characteristics iii. Types of aerial photographs iv. Types of Aerial Photographs Based on the Position of the Cameral Axis v. Types of Aerial Photographs Based on Scale vi. Geometry of an aerial photograph	12

Reference Books:

1. Anji Reddy, M. (2004): Geoinformatics for environmental management. B.S. Publications
2. Campbell, J.B. (2002): Introduction to Remote sensing. Taylor Publications.
3. Chang, T.K. (2002): Geographic Information Systems. Tata McGrawHill
4. Drury, S.A. (1987): Image Interpretation in Geology. Allen and Unwin.
5. Francis Tar Bernhardsen. Geographical Information Systems. John Wiley.
6. Gupta, R.P. (1990): Remote Sensing Geology. Springer Verlag.
7. Heywood, I., Cornelius, S., Crver, Steve. (2003): An Introduction to Geographical Information Systems. Pearson Education
8. Jensen, J.R. (2000): Remote Sensing of the Environment: An Earth resource Perspective. Prentice Hall.
9. Joseph George (2003): Fundamentals of remote sensing. Universities Press.
10. Lillesand, T.M., and Kieffer, R.M. (1987): Remote Sensing and Image Interpretation, John Wiley.
11. Ram Mohan Rao. (2002): Geographical Information Systems. Rawat Publication.
12. Sabbins, F.F. (1985): Remote sensing Principles and interpretation. W.H. Freeman and company
13. Skidmore A., (2002): Environmental modeling with GIS and Remote Sensing. Taylor and
14. Wise S., (2002): GIS Basics. Taylor Publications

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUT-236 Geographical Thoughts**Course Outcome:**

1. Students will be writing the description of evolution of geography subject.
2. Students will be promoted toward the different approaches to study the geography.
3. This course will be estimating the applications of geographical knowledge in various fields.
4. Students will get the knowledge of historical development of geographical thought and contribution of world level geographer

No. of Credits: 04**No. of Periods: 60**

Topic No.	Topic	Subtopics	No. of Periods
1	Historical Development of Geographical Thought	i. A brief account of Greek, Roman, and Indian Schools of thoughts ii. Contributions of Herodotus, Eratosthenes, Strabo, Ptolemy iii. brief account of Arab School iv. Contributions of Marco Polo, Columbus, Vasco-Da-Gama and Captain Cook v. A brief account of different schools of thought – German, French, British and American vi. Contributions of Kant, Humboldt, Ritter, W. M. Davis.	20

2	Dualism in Geography	i. Determinism and Possibilism ii. Systematic versus Regional Geography iii. Physical versus Human Geography	10
	Paradigms,	i. Hypothesis, Theories and Laws ii. Paradigms in Geography	10
3	System approaches and Models in Geography	iii. System approaches in Geography iv. Types of Models used in Geographical Studies	
4	Recent Trends in Geography	i. Field survey process studies and experimental studies ii. Quantification and application of statistical techniques in Geography iii. Computer based Cartography, Remote Sensing, GIS and Geo-informatics	10
5	Applied Geography	i. Definition, Need and Significance ii. Application in land-use planning, regional planning and urban planning, resource management, environmental management, natural hazards, scenic evaluation	10

Reference Books:

1. Cooke, R. U. and Doornkamp, J. C. (1974): Geomorphology in Environmental Management, Clarendon Press, Oxford.
2. Coffey, W. J. (1981): Geography : Towards a general spatial systems approach, Mathuen, London
3. Dikshit, R. D. (1997): Geographical Thought: A Contextual History of Ideas, Pub. By A. K. Ghosh, Prentice – Hall of India Pvt. M 97, New Delhi.
4. Frazier, J. W. (1982): Applied Geography, Prentice Hall, Englewood Cliffs.
5. Hershner, R. (1959): Perspectives of Nature of Geography, Rand Mac Nally and Co.
6. Hussain, M. (1995) : Evolution of Geographical Thought, Rawat Pub., Jaipur
7. Singh I. (2006): Diverse aspect of Geographical Thought, ALFA Publications, New Delhi

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUT-237 Tropical Geomorphology**Course Outcome:**

1. Students will be able to describe concepts of tropical environment, tropical climate & morphogenetic regions
2. Students will understanding the processes and factors influencing weathering, soil formation.
3. Students will be able to Illustrate Slope Wash, Mass Movement
4. Students will be able to describe Classification and distribution of duri crusts and laterites in India
5. Students will be able to explain landform development in tropical region and Planation concepts and processes

No. of Credits: 04**No. of Periods: 60**

Topic No.	Topic	Subtopics	No. of Periods
1	Introduction to Tropics	i. Tropical Environment – Definition ii. Peculiarities of tropical climate iii. Classification of Tropics iv. Morphogenetic regions - Temperature, rainfall, humidity, vegetation	06
2	Tropical Weathering	i. Factors influencing the weathering - climatic, geomorphic, biotic, geologic, chronological and site factors ii. Solubility and Mobility of minerals in Tropics iii. Weathering profile: Deep weathering profiles - nature, development and distribution iv. Tropical Soils: Process of soil formation in Tropics, Clay minerals	12
3	Duricrusts and Laterites	i. Duricrusts and Laterites – Definition ii. Indurated laterites - Properties and world distribution iii. Classification by site, Morphology and chronology iv. A complete account of various division of Lateritic Profile v. Landform development on laterites vi. Distribution of laterites in India vii. Theories of origin of iron in laterites	10
4	Denudation in Tropics	i. Mass movement: Types & Processes ii. Slope wash iii. Process of chemical denudation iv. Tropical rivers - process of erosion and deposition	08

5	Tropical Landscape	i. Tropical Terrain – Relief characteristics ii. Slope and valley forms iii. Domed and boulder inselbergs iv. Hillslopes and Pediments v. Tropical coasts	08
6	Tropical Planation	i. Formation and Types of planation surfaces ii. Morphology of planation surfaces iii. Peneplains, Pediplains, Etchplains iv. double surface of planation	08
7	Landform development in the tropics	i. Role of tectonics and climatic change ii. Nature of changes during Quaternary changes in climate and vegetation	08

Reference Books:

1. Andrew Goudie, (1985): Duricrusts in tropical and subtropical landscapes, Allen Unwin, London.
2. Andrew Goudie, (1987): Environmental change.
3. Budel J. (1982) Climatic geomorphology, Princeton University Press.
4. Douglas j. & Spencer, (1985): Environmental change & Tropical geomorphology, George Allen & Unwin.
5. Feniran A. & Jeje L.K. (1983): Humid tropical geomorphology
6. Thomas, M. F. (1994): Geomorphology in the Tropics, John Wiley and Sons, Chichester
7. Thomas M.F. (1974): Tropical geomorphology, McMillan, London.
8. Tricart J. (1972): Landforms of the humid tropics, forests and Savanna, Longman, London.

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUT-238 Applied Climatology**Course Outcome:**

1. Students will be gaining the concepts of climatic elements
2. Students will be to correlate and analysis various concepts of agro- climatology
3. Students will be evaluated climate and human behavior
4. Students will be state the concept of urban climate
5. Students will be recite the concepts of climate industry, commerce and engineering

No. of Credits: 04**No. of Periods: 60**

Topic No.	Topic	Subtopics	No. of Periods
1	Introduction	i. Nature and scope ii. Development of applied climatology iii. Atmospheric concern and awareness iv. Climate impact assessment	06
2	Basic climatic elements	i. Radiation - Basic relations, Radiation laws, distribution, instruments to measure radiation ii. Temperature - Basic relations, distribution, soil temperature, instruments to measure temperature iii. Moisture - Basic relations, humidity, clouds, precipitation, rain, snow, sleet, hail, rime, dew, distribution and instruments to measure Precipitation iv. Evaporation and evapo-transpiration – Basic relations, soil plant relationship, empirical methods to estimate evapo-transpiration, distribution and Instruments v. Pressure – Basic relation, distribution and instruments to measure pressure vi. Wind - Basic relations, turbulence, gustiness Instruments	10
3	Agro-climatology	i. Climate and soil ii. Climate and soil management iii. Climate pests and diseases iv. Micro-meteorological changes and behaviour of pests and diseases v. Climate and livestock vi. Climate and crops vii. Artificial control of plant environment	10
4	Climate and Human behaviour	i. Human bio-meteorology ii. Climate, clothing and human control iii. Climate and health	07

5	Urban Climate	i. Nature of global environmental change ii. Nature of urban climates iii. Impact of urban climate on GEC iv. Urban heat Island v. 5. Urban air Pollution problems	08
6	Climate industry, commerce and engineering	i. Significant climate variables ii. Industrial and commercial activities iii. Construction operations	05
7	Engineering applications	i. Heating degree-days. cooling towers ii. Traction ability	03
8	Climate and Transportation	i. Effect of climate on land transport ii. Effect of climate on water transport iii. Effect of climate on air transport – clear air turbulence	06
9	Use of Remote sensing in agroclimatology	i. Satellite programming for crop condition ii. Meteorological study monitoring iii. Detection of plant stress iv. Canopy transpiration and crop stress	05

Reference Books:

1. Geiger, Rudolf (1966): The Climate near the Ground, Harward University Press.
2. Hobbs, John E. (1980): Applied Climatology, Dawson West View Press.
3. Lal, M. (ed.) (1993): Global Warming, Tata McGraw Hill, New York.
4. Mather, J.R. (1974): Climatology: Fundamentals and Applications, McGraw Hill, New York.
5. Oliver, John E. (1973): Climate and Man's Environment, John Wiley and Sons, New York.
6. Oliver, John E. (1981): Climatology, Selected Applications, V.H. Winston and Sons, London.

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUT-239 Geography of Rural Development**Course Outcome:**

1. Students will be aware about the geographical, social, economic; demographic factors affecting on rural development.
2. Students will be understanding the concepts of rural development planning, Types of planning and its application in rural development in India
3. Students will be aware about the role of Government in rural development and importance of green revolution in rural development in India.
4. Students will be understanding the concept of rural institutions and its role of rural institutions in development.
5. Students will be acquired knowledge of application of computer and IT in rural development.

Credit: 04**Periods: 60**

Topic No.	Topic	Subtopics	Periods
1	Introduction to Rural Development	i. Concept of Rural Development ii. Geography and Rural Development iii. Nature and Scope of Rural Development iv. Aims and Objectives of Rural Development	06
2	Factors affecting on Rural Development	i. Geographical factors ii. Social Factors iii. Economic Factors iv. Rural Demography	04
3	Rural Basic Services and Infrastructures	i. Rural housing and Rural health ii. Drinking water and Sanitation iii. Rural electrification and Energy iv. Rural Education v. Rural Connectivity (Transportation and Communication)	08
4	Rural Development Planning	i. Planning for Rural Development ii. Planning Process- Level and Types of planning iii. Multilevel planning, District Planning, Grassroots Planning iv. Rural Development Planning in India v. Integrated Rural Development Programme (IRDP), MGNREGA & NRLM	10
5	Government Policies and Rural Development	i. Role of Government in Rural Development ii. Major Issues and Challenges in context to India iii. Green Revolution and Rural Development	06

6	Role of Rural Institutions in Development	i. Definition, Types, Structure and Characteristics of Rural Institutions ii. Panchayati Raj Institutions : Structure, Functions and Problems iii. Cooperatives, NABARD, Regional Rural Bank, Primary Agricultural Credit Societies and SHGs: Structure and Functions iv. Non-Govt. Organizations (NGOs) & Rural Development	10
7	Application of computer and information technology in Rural Development	i. E-Governance, e-agriculture, Generation of Resource data Sources acquisition, structure, transformation into map/diagram/visual presentation for better comprehension. Application of Cartographic techniques ii. Application IT and GIS in rural development like smart village	08
8	Rural Management	i. Smart Village Concept and structure ii. Watershed Management and Rural Development iii. Problems and Prospects of Rural development in India iv. Management of Tribal Village v. Case study of Rural Development (Ralegan Shiddi or Hiware Bazar)	08

Reference Books:

1. Chamola, S. D. and Bharati Anirudh, "Agriculture and Rural Development in India", Global Vision Publishing House.
2. Desai V. (1991): "Fundamentals of Rural Development", New Delhi: Rawat Publications
3. Economic Survey of India: 2019
4. Katar Singh "Rural Development: Principles, Policies and Management", (Sage Texts) 3rd Edition
5. Khullar, R.D. (2019): "India: A Comprehensive Geography" Kalyani Publishers
6. Lekhi, R.K.: "The Economics of Development and Planning", Kalyani Publishers, New Delhi
7. Manual on municipal solid waste management – Govt. of India Publication
8. Meier, Gerald (1987): Leading Issues in Economic Development New Delhi: Oxford Uni. Press
9. Nelson Nemerow: "Theories and Practices of Industrial waste treatment"
10. Prasad, B.K. (2003): "Rural Development: Concept, Approach and Strategy", New Delhi: Sarup & Sons
11. Rau, S.K. (2001): Global Search for Rural Development Hyderabad: NIRD
12. Satya Sundaram, I. (2002): "Rural Development" Mumbai: Himalaya, 2002

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUT-240 Urban Geography**Course Outcome:**

1. Students will be understood urban structure & Morphology.
2. Students will be able to map out the problems in the urban settlements.
3. Students will be do project or draw structure to learn the urban planning and development.

No. of Credits: 04**No. of Periods: 60**

Topic No.	Topic	Subtopics	No. of Periods
1	Introduction to Urban Geography	i. Nature of Urban Geography ii. Scope of Urban Geography iii. Significance of Urban Geography iv. Relation to other disciplines	07
2	Urbanization	i. Meaning of Urban settlement and urbanization. ii. Brief review of spatial- temporal variations in urbanization in the world iii. Urbanization curve iv. Contemporary factors of urbanization	07
3	Urban Morphology	Models of urban structure: i. Park and Burgess Model ii. Homer Hoyet Model iii. Harris and Ullman Model iv. Characteristics and demarcation of CBD	07
4	Urban Classification	i. Criteria used for classification ii. Functional classification of towns and cities	04
5	Urban Demography	Characteristics of urban population: i. Growth of Urban population ii. Density of population in cities iii. Age, sex and occupational structure	08
6	City and its Region	i. Concepts of city region and various synonymous terms used ii. Criteria used to demarcate the city region	04
7	Central Place	i. Christaller's Central Place Theory ii. Rank-size relationship and rank- size rule iii. Hierarchy of urban settlements	08
8	Contemporary Urban issues	i. Price of land and vertical and horizontal growth of cities ii. Scarcity of housing and growth of slums iii. Problems of civic amenities iv. Urban transport problem v. Urban Environmental pollution vi. Urban floods, health and hygiene	08

9	Urban policy and planning	i. Urban development policy in India ii. Need & Element of city plan iii. Use of GIS in Urban Planning	07

Reference Books:

1. Bhattacharya: Urban Development in India, Shree publication
2. Brian, R.K. (1996): Landscape of Settlement Prehistory to present, Routledge, London
3. Careter (1972): Fourth edition: The study of Urban Geography, Arnold, London
4. Gadakh B.L. and Jaybhaye R. G. (2017): Urban Sprawl Analysis of Nashik City. Scholar press
5. Hall P. (1992): Urban and Regional Planning, Routledge, London
6. K. Siddharth and S. Mukherji : Cities, Urbanization and Urban Systems
7. Kundu, A. (1992): Urban Development and Urban Research in India, Khanna Publication
8. Mayer and Kohan: Readings in Geography
9. Northam: Urban Geography
10. Roy Turner: Indian's Urban Future
11. R.B Mandal-V.G A Textbook (Concept publishing Company
12. Shah Manzoor Alam: Urbanization in Developing Countries
13. Singh.K.and Steinberg.F. (eds)(1998): Urban India in Crisis. New Age Interns
14. Urban Geography: Tim Hall
15. Verma: Urban Geography, Rawat, Jaipur

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGDP-241 Practical in Geoinformatics

Course Outcome:

1. Students will be interpreted satellite images and recognized land use & land cover.
2. Students will be applied GIS software for analyze raster & vector data.
3. Students will be evaluating GIS database.
4. Students will be acquainting the methods & tools of GIS.

No. of Credits: 02

No. of Periods: 30

Topic No.	Topic	Subtopics	Practical (3 Hours)
1	Aerial Photography	Measurements and Interpretation i. Scale and height (using parallax bar) ii. Visual Interpretation of single aerial photograph iii. Interpretation of stereo pair using Stereoscope	02
2	Satellite Images	i. Visual interpretation of LISS, PAN, WiFS ii. Cartosat Data, IKONOS and Quick Bird	02
3	Spatial Database	Layer Generation i. Raster: Full Grid, Chain Codes and Run Length Codes ii. Vector: Manual Digitization, Digitization Errors and Topology Building	04
4	GIS operations	i. Raster and vector overlay, map algebra (AND, OR) from a toposheet quadrant ii. Spatial interpolation from a toposheet quadrant iii. GIS operations using open source GIS softwares	02

Reference Books:

1. Burrough, P.A. and R.A. McDonnell (2000): Principles of Geographical Information System, Oxford University Press.
2. Chang Kang-tsung. (2002): Introduction to GIS, Tata McGraw Hill, New Delhi.
3. C. P. Lo and Albert, K. W. Yeung (2002): Concepts and Techniques of Geographic Information System, 2002Prentice –Hall, India.
4. George Joseph (2003): Fundamentals of Remote Sensing, Universities Press, Hyderabad
5. Kang – Tsung – Chang, (2002): Introduction to Geographical Information System, McGraw Hill.

6. J. R. Jensen, (2003) : Remote Sensing of Environment, An Earth Resource Perspective, Savitribai Phule Pune University

Pearson Education Pvt. Ltd., New Delhi

7. P. A. Burrough and R. A. McDonnell, (2000): Principles of Geographical Information System, Oxford University Press.
8. Paul A. Longley, Michel F. Goodchild, D J. Maguire and D.W. Rhind (2002): Introduction to Geographic Information Systems and Science, John Wiley and Sons Ltd.
9. Vaidyanadhan, R. (1973): Index to a set of 70 aerial stereopairs, UGC, New Delhi.

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUT-242 Hydrology

Course Outcome:

1. Students will be introduced the concept in hydrology with its applications
2. Students will be analysis and interpret the various hydrological data of different sources
3. Students will be acquired the knowledge of Global distribution of precipitation and the input and output of world hydrological cycle

No. of Credits: 02

No. of Periods: 30

Topic No.	Topic	Subtopics	No. of Periods
1	Introduction to Hydrology	i. Meaning and definition of Hydrology ii. The hydrologic cycle iii. The hydrologic budget iv. Applications of Hydrology	06
2	Hydrologic Measurements and Data Sources	i. Units of measurement ii. Sources of hydrologic data iii. Measurements hydrologic variables	06
3	Precipitation	i. Water vapor: Measures of atmospheric moisture ii. Precipitation: Forms and Types iii. Global distribution of precipitation iv. Probable Maximum Precipitation (PMP) v. Gross and net precipitation	06
4	Interception and Depression Storage	i. Interception ii. Throughfall iii. Depression storage	06
5	Evaporation and Transpiration	i. Evaporation ii. Method of evaporation control iii. Transpiration iv. Methods of transpiration control v. Evapotranspiration	06

Reference Books:

8. Baker, V.R., Kochel, R.C. and Patton, P.C., (1988): Flood Geomorphology, Wiley, New York.
9. Bedient, P.B. and Huber, W.C., (1989): Hydrology and floodplain analysis, Addison-Wesley Publication Company, New York.
10. Chow, V.T., (1964): Handbook of Applied Hydrology. McGraw-Hill, New York.
11. Eagleson, P.S., (1970): Dynamic Hydrology, McGraw-Hill Book Company, New York.
12. Hamblin, W.K., (1989): The Earth's Dynamic Systems, MacMillan Publishing Company, New York.
13. Kale, V.S. and Gupta, A., (2001): Introduction to Geomorphology, Orient Longman, Calcutta.
14. Kazmann, R.G., (1972): Modern Hydrology, Harper and Row Publishers, New York.
15. Linsley, R.K. (Jr), Kohler, M. A. P. and Joseph L. H., (1975): Applied Hydrology, Tata McGraw-Hill Publishing Company Ltd., New Delhi.
16. Mutreja, K.N., (1995): Applied Hydrology. Tata McGraw-Hill Publishing Company Ltd. New Delhi.
17. Raghunath, H.M., (1985): Hydrology: Principles, Analysis and Design. Wiley Eastern Ltd, New Delhi.
18. Rodda, J.C., Downing, R. A. and Law, F.M., (1976): Systematic Hydrology, Newnes-Butterworths, London.
19. Shaw, E.M., (1988): Hydrology in Practice. Van Nostrand Reibhold Int. Co. Ltd, London.
20. Strahler, A.A. and Strahler, A. N., (2002): Physical Geography: Science and Systems of the Human Environment, John Wiley & Sons, INC.
21. Strahler, A.H. and Strahler, A. N., (1992): Modern Physical Geography, John Wiley & Sons, INC.
22. Strahler, A.N., (1965): Introduction to Physical Geography, John Wiley & Sons, INC.
23. Viessman, W. and Lewis, G., (2003): Introduction to Hydrology, Pearson Education, Singapore.
24. Ward, R., (1978): Floods. A Geographical Perspective. The Mac Millan Press Ltd, London.
25. Wilfried, B., (2005): Hydrology: An Introduction. Cambridge University Press, Cambridge.
26. Wisler, C.O. and Brater, E. F., (1959): Hydrology, John Wiley and Sons, Tokyo.

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUT-243 Watershed Management**Course Outcome:**

1. Students will be identified and delineate watershed using DEM & toposheets.
2. Student will be analyzing and evaluate the linear, aerial & relief properties of watershed.
3. Students will be design maps using satellite images & aerial photographs.

No. of Credits: 02**No. of Periods: 30**

Topic No.	Topic	Sub topics	Periods
1	Concept of watershed management	i. Definition, concepts of watershed; watershed management, Principle of watershed management ii. Necessity of watershed management iii. Problems in watershed management	06
2	Characteristics of watershed	i. Delineation of Watershed ii. Characteristics: Size , Shape , Physiography , Climate, Drainage, Land use, Vegetation, Geology and Soils, Hydrology, Socioeconomics	06
3	Hydrological process in watershed	i. Precipitation, interception, infiltration, evaporation, evapo-transpiration, surface runoff, ground water-flow, water budget ii. Hydrological cycle	06
4	Water and soil conservation in watershed	i. Water conservation: Nala Bunding, Check dams, Farm ponds, Percolation tanks, Artificial recharge ii. Soil conservation- Contour Bunding, Gully plugging, Trench cum mound, Levelling	06
5	Watershed development	i. Application of Remote Sensing and GIS in watershed management ii. Integrated watershed development plans iii. Importance of watershed management in national development.	06

Reference Books

1. Dhruvanarayana, V.V., Sastry, G., Patnaik, U.S.: Watershed Management
2. Kakde, B.K.: Watershed Manual – A Guide for Watershed Development Practitioners and Trainers, BAIF Development Research Foundation, Pune.
3. Murthy, JVS: Watershed Management, New age International Publishers.
4. Rajesh Rajora: Integrated Watershed Management- A Field Manual for Equitable, Productive and Sustainable Development, Rawat Publication, Jaipur.
5. Singh Rajvir: Watershed Planning and Management, 2nd Edition, Yash Publishing House, Bikaner, India.
6. Suresh,R.: Soil and Watershed Conversation Engineering, 2nd Edition, Standard Publication Distributors, Delhi.
7. Schwab,G.O. et al: Soil and Water Conservation Engineering, 4th Edition, John Wiley & Sons.

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGDP-244 Practical in Multivariate Statistics

Course Outcome:

1. Students will be analysis geographical database with advance methods and techniques of Multivariate Statistics
2. Students will be able to plot and interpret degree equations in curvilinear bivariate relationship
3. Students will apply the trend surface analysis method for spatially distributed data
4. Students will Compute the multiple regression equations involving two and three independent variables

No. of Credits: 02

No. of Periods: 30

Topic No.	Topic	Subtopics	Practical (3 hours)
1	Introduction	i. Bivariate & Multivariate Analysis ii. Objectives of Multivariate Analysis a. Data reduction or simplification b. Sorting and Grouping c. Prediction d. Hypothesis Testing	01
2	Matrix Algebra	i. Matrix : a. Definition, Elements, Order and Types b. Determinant of a matrix c. Addition, subtraction and multiplication of matrices d. Transpose, adjoint and inverse of matrix e. Determination of unknowns in a simultaneous equation by matrix solution using (i) – Crammer's rule and (ii) Inverse method	02
3	Curvilinear bivariate Relationships	i. Computation, plotting and interpretation of a. Second Degree (Quadratic) equation, $Y = a + b_1 X^1 + b_2 X^2$ b. Third Degree (Cubic) equation $Y = a + b_1 X^1 + b_2 X^2 + b_3 X^3$	02
4	Multivariate Analysis	i. Computation of multiple regression equations involving two and three independent variables (by using variance – covariance matrix) Calculation of Co-efficient of multiple determination (R^2) and Explained Variance (EV) a. Second order multiple regression equation, $Y = a + b_1 X_1 + b_2 X_2$ b. Third order multiple regression equation, $Y = a + b_1 X_1 + b_2 X_2 + b_3 X_3$	03
5	Trend Surface Analysis	i. Importance of Trend surface analysis in the study of spatially distributed data. Examples of TSA ii. Computation, application and plotting of linear trend surface, Interpolation of trends. iii. Ideas of quadratic and cubic trend surfaces.	02

Reference Books:

1. Clark W. A. V. and Hosking P. L. (1986): Statistical methods of geographers.
2. Collins (1984): Introduction to multivariate analysis, Edward Arnold.
3. Fortheringham, A.S., Brunson, G., and Charlton, M., (2000): Quantitative Geography, Perspectives on Spatial Data Analysis, SAGE.
4. Jonston, R. J. (1979): Multivariate statistics in Geography, Longman, London.
5. Karlekar S. N. and Kale M. (2005): Statistical Analysis of Geographical Data, Diamond Publication, Pune.
6. Shaw G. and Wheller D. (1985): Statistical techniques in geographical analysis. John Wiley and Sons, New York.
7. Sumner G. J. (1978): Mathematics of Physical Geographers, Edward Arnold.

Savitribai Phule Pune University, Pune

MA/MSc Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Code No: GGUP-245 Practical in Geomorphology

Course Outcome:

1. Student will be defined Geomorphological mapping with symbols, prepare and interpret geomorphological map.
2. Student will be analyzed direct and indirect measurements of hill slope.
3. Student will be acquiring the skill of surveying including GPS and plotting of stream or gully channel with various survey methods.
4. Student will be analyzing Soil/Sediment samples and plot the data with interpretation.
5. Student will be able to classify hillside segments and implement Dalrymple's nine unite land-surface model.

No. of Credits: 04

Total Periods:60

Topic No	Topics	Subtopics	Practical (3 Hours)	No. of Sheets (Minimum)
1.	Geomorphological mapping	Use of symbols (Hert, 1986) i. Chart showing symbols ii. Preparing a geographic map of a small area / basin –toposheets / field iii. Interpretation of the map in terms of forms and processes	04	02
2.	Hill slope Analysis	Direct and indirect measurements i. Using clinometers / profiles from toposheets, ii. Identification of segments iii. Dalrymple et al's nine- unit landsurface model- Understanding nature of processes	04	02
3.	Field Survey	Channel cross sections/ Beach/Hill slope profile Soil/sediment sample collection i. Surveying and plotting of stream or gully channel cross-section or beach profile or slope profile. ii. Quadrat or Traverse survey of sediment size on river bed /beach. iii. Analysis of shape and size of coarse sediment(Zingg's classification) GPS survey Preparation of beach, river channel maps etc. using GPS	07	04

4	Laboratory work	Soil/Sediment analysis i. Analysis of 1 sandy and 1 Clayey sample ii. Plotting of data on probability graph paper and iii. Estimation of grain size parameters iv. Interpretation of results	05	02

(Note : Fieldwork / Field Visit for a duration of not more than 5 days should be undertaken for the course selected)

Reference Books:

1. Aackombe, R. V. and Gardiner, V. (1983): Geomorphological Field Manual
2. Chorley, R. J., Schumm, S. A. and Sugden, D.E. (1984) : Geomorphology, Methuen, London
3. Goudie, A. (1990): Geomorphological Techniques, Unwin Hyman, London
4. Hart, M. G. (1986): Geomorphology, Pune and Applied George Allen and Unwin
5. Kale, V. S. and Gupta, A. (2001): Introduction to Geomorphology, Orient Longman, Calcutta
6. King, C.A.M. (1966): Techniques in Geomorphology, Edward Arnold, London
George Allen and Unwin, London

Savitribai Phule Pune University, Pune

MA/MSc Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Code No: GGUP-246 Practical in Climatology

Course Outcome:

1. Students will be apply instrumentation and measurement a techniques of weather elements and processing of weather data
2. Students will be Synoptic data of Coding, decoding and plotting of synoptic data
3. Students will be able to interpret the Indian Daily Weather Report (IDWR)
4. Students will be commute Water Balance for 4 stations in different rainfall zones and irrigation scheduling
5. Students will be investigate climate architecture analysis

No. of Credits: 04

Total Periods: 60

Topic No	Topics	Subtopics	Practical (3 Hours)	No. of Sheets (Minimum)
1.	Weather Elements	i. Instrumentation and measurement techniques of weather elements and processing of weather data (5-10 years data)	05	04
2.	Station Model	i. Synoptic data: Coding, decoding and plotting of synoptic data	03	03
3.	Indian Daily Weather Report (IDWR)	i. Study and Analysis of IDWR Study of IDWR and analysis of Temperature, Air Pressure, etc. for various stations. Charting of Systems (4 years)	05	04
4	Water Balance	i. Computation of water balance for 4 stations in different rainfall zones and irrigation scheduling	05	04
5	Climate Architecture Analysis	i. Sketch design recommendation The Mahoney tables: Air temperature, humidity, Rain and Wind, Diagnosis of climatic stress	02	03

Reference Books:

1. Indian Daily Weather Report, IMD, Pune.
2. Oliver, John E. (1973): Climate and Man's Environment, John Wiley and Sons, New York.
3. Thornthwaite, C. W. and Mather, J. R. (1957): Instructions and Tables for computing potential evapo-transpiration and water balance, Drexel Institute of Technology, Laboratory of Climatology.
4. WMO No. 8 (1983): Guide to meteorological instruments and methods of observations

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUP- 247 Practical in Economic Geography

Course Outcome:

1. Students will be acquired the techniques in Agricultural Geography
2. Students will be attained the techniques in Industrial a Geography
3. Students will be accomplishing the techniques in Trade and Transportation Geography
4. Students will be trained in Cartographic Techniques in Economic Geography
5. Students will be able to survey Industrial Visit and prepared a systematic project on it

Credit: 04

Periods: 60

Topic No.	Topic	Subtopics	Practical (3 Hours)
1	Techniques in Agricultural Geography	i. Crop Combination: Thomas Method ii. Crop Diversification: Bhatia method iii. Crop Concentration : Jasbir Singh method iv. Measurement of Agriculture Efficiency : Kendall method v. Productivity Index: Enyedi Method vi. Cropping Intensity and Irrigation Intensity	05
2	Techniques in Industrial Geography	i. Lorenz Curve: Calculation and Plotting ii. Location Quotient: Calculation and Plotting iii. Gini's Co-efficient	04
3	Techniques in Trade and Transportation Geography	i. Measures in Network Structure: Ratio Measure, Alpha, Beta, Gamma, Associate Number and Cyclomatic numbers ii. Gravity Potential Population Surface iii. Breaking Point Theory iv. Law of Retail Trade Gravitation	05
4	Cartographic Techniques in Economic Geography	i. Use of Thematic Maps in Economic Geography ii. Use of Choropleth Maps in Economic Geography iii. Use of GIS in Economic Geography	03
5	Industrial Visit	i. Visit to one Agro-based Unit (Industry) and report writing	03

Reference Books:

1. C. P. Lo and Albert, K. W. Yeung (2002): Concepts and Techniques of Geographic Information System, 2002Prentice –Hall, India.
2. Kansky, N. T. (1965): Structure of Transport Network
3. Liendsor, J. M. (1997): Techniques in Human Geography, Routledge
4. Lloyd, P. and B. Dicken (1972): Location in Space - A theoretical approach to economic geography. Harper and Row, New York.
5. Majid Hussein, “Agricultural Geography”, Rawat Publication.

6. Monkhouse, F. J. and Wilkison, H. R. (1976): Map and Diagrams, Methuen and Co.
7. P. A. Burrough and R. A. McDonnell, (2000): Principles of Geographical Information System, Oxford University Press.
8. Paul A. Lonfley, Michel F. Goodchild, D J. Maguire and D.W. Rhind (2002): Introduction to Geographic Information Systems and Science, John Wiley and Sons Ltd.
9. Singh & Kanujia : Map work and Practical Geography
10. Singh. J. and Dhillon S.S. (1994): Agricultural Geography. Tata McGraw Hill, Publishing Co. Ltd.
11. Yeats, M. H. (1974): An introduction to Quantitative Analysis in Human Geography

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUP-248 Practical in Population and Settlement Geography

Course Outcome:

1. The skill of population data acquisition, management, analysis and mapping will develop amongst the students
2. Student will be clear the socio-economic survey and report writing
3. Students will learn and able to draw the stages according to urbanization curve
4. Students will classify an impact of pull and push factor in migration.

No. of Credits: 04

No. of Periods: 60

Topic No.	Topic	Subtopics	Practical (3 Hours)
1	Population Geography	Demographic indices: i. Mean age at marriage and fertility ii. Measures of mortality ,IMR & A.S.D.R Dependency ratio Determinants of Demographic transition: i. Demographic transition: Determinants of demographic transition compared with underdeveloped/developing/developed countries/state ii. Pull-push factors affecting volume of migration- simple correlation matrix iii. Rural urban composition of population iv. Age-sex and literacy	06
2	Settlement Geography	i. Gravity model by W.J.Reilly and Zipf, its application (potential population surfaces) - Indices of C.B.D ii. Stages according to urbanization curve iii. Rank size rule iv. Gini's Coefficient concentration index	06
3	Village Survey/ Urban Survey	i. Preparation of questionnaire ii. Collection of Population and settlement data iii. Data analysis and preparation of report	08

Reference Books:

1. Economic and Political weekly-Special issue of population survey
2. Liendzore J.M Techniques in Human Geography
3. Martin Cad: Analytical Urban Geography
4. Siddharth,K and Mukherjee,S (1999): Cities urbanization and urban systems
5. Chandana, R.,C.Population,Geography
6. Yeats,M.H.(1978): An introduction to quantitative analysis in human Geography.
7. Carter Harold: Urban Geography
8. John R.Weeks: Population – an introduction to concepts and issues.

SAVITRIBAI PHULE PUNE UNIVERSITY

Geography MA/MSc-II (Credit System)

Revised Syllabus (From June-2020)

Semi -IV**Course: GGUT-249 Geography of India****Course Outcome:**

1. Identifying and explaining the Indian Geographical Location, from global to local scales.
2. They understand the about the physiographic division of India.
3. They understand the River system & its importance in human life of India.
4. They understand the climatic variation in India with the reference of Soil, Agriculture, and Forest region of India.
5. They understand the social distribution of population, Industrial regions and distribution and utilization of minerals & energy resources of their country.
6. Applying geographical knowledge to everyday living.
7. Showing an awareness and responsibility for the environment and India.
8. Evaluating the impacts of human activities on natural environments special reference to India.

No. of Credits: 04**Total Periods: 60**

Topic No.	Topic	Sub-Topic	Periods
1	Introduction	i. Geographical and relative location of India ii. Frontiers of India iii. Strategic Significance iv. Geological Structure	06
2	Physiography	Main physiographic divisions & their importance i. The northern mountains ii. The north Indian Plain iii. The peninsular plateau iv. The coastal lowlands v. The islands	06

3	Drainage Systems	A) Himalayan drainage systems: - Ganga - Brahmaputra - Indus B) Peninsular drainage system - East Flowing Rivers: - Godavari - Krishna - Mahanadi - West Flowing Rivers: - Narmada - Tapi - Mahi	06
4	Climate	A) Main Seasons & Associated weather conditions: - The winter - The summer - The rainy/monsoon - The retreat monsoon B) Origin and mechanism of monsoon: - Traditional concept: Halley's view - Recent Concept: - Role of Tibet plateau - ITCZ - Jet Stream - El-Nino	06
5	Soils	A) Major soil types and their distribution in India: - Alluvial soil - Black soil - Red soil - Laterite and Lateritic soils - Forest and Mountain soils - Arid and Desert soils - Saline and Alkaline soils - Peaty and Marshy soils B) Soil degradation and soil conservation	06
6	Forest	A) Main forest types and their distribution in India: - Moist Tropical forests - Dry Tropical forests - Montane Sub-tropical forests - Montane Temperate forests - Alpine forests B) Deforestation and conservation of forest	06
7	Minerals and Energy Resources	A) Distribution and Utilization of Minerals: - Iron Ore - Manganese - Bauxite B) Distribution and Utilization of Energy Resources: - Coal - Petroleum - Natural gas	06

		C) Major power projects in India: i. Hydro electric ii. Thermal Power iii. Atomic power	
8	Agriculture	A) Distribution and Production of Major Crops: i. Rice ii. Wheat iii. Cotton iv. Sugarcane B) Agriculture revolution in India: i. Components of the Green Revolution ii. Merits and demerits of Green Revolution in India C) Factors affecting Indian Agriculture: i. Environmental Factors ii. Technological Factors iii. Institutional Factors	06
9	Industries	A) Major Industries in India: i. Cotton Textile ii. Sugar iii. Iron and Steel B) Major Industrial Regions in India C) Problems of Industrial development	06
10	Population	A) Growth and distribution of population in India B) Composition and structure of Population: i. Rural-Urban ii. Age-sex iii. Religious iv. Marital status v. Occupational structure	06

N.B.: According need of topics, maps are expected.

Reference Books:

1. Agrawal A. N. (2019): "Indian economy, Developmental Problems and policies" New Age International Pvt. Ltd.
2. Bhende, Asha A and Kanitkar Tara (2015): "Principles of Population Studies", Himalaya Pub. House, New Delhi.
3. Chandana R. C. (2016): "Geography of population", Kalyani Publishers, New Delhi.
4. Chopra S. N. - India, an Area Study.
5. Deshpande C. D. (1992): "India: A Regional Interpretation", Indian Council of Social Science Research and National Book Centre, New Delhi
6. Dubey and Negi - Economic Geography of India.
7. Gopal Singh (1976): Geography of India" Atma Ram Pub., Delhi
8. Khullar D. R. (2018) : "India: a Comprehensive Geography" Kalyani Publishers
9. Majid Husain (2008): "Geography of India", Tata McGraw Hill, New Delhi
10. Mathur, S. M. (1994): Physical Geology of India, National Book Trust, New Delhi, India.
11. Memoria, I. B. - Geography of India.
12. Singh R. L. (1971): "India-A Regional Geography". NGSI, Varanasi.

13. Randhawa, M. S. (1947): The Birth of the Himalayas.
14. Saigal, Umesh (1994): Lakshadweep, National Book Trust, New Delhi, India.
15. Sharma and Continuo - Economic and Commercial Geography of India.
16. Singh, R. L. et. al. (1971): India: A Regional Geography, National Geographical Society of India, Varanasi.
17. Tamta, B. R. (1994): Andaman and Nicobar Islands, National Book Trust, New Delhi, India.
18. Wadia D. N. (1993): Geology of India, Tata McGraw Hill, New Delhi
19. Census of India Report – website- <http://censusindia.gov.in/>
20. Earth Science India- www.earthscienceindia.info

SAVITRIBAI PHULE PUNE UNIVERSITY

Geography MA/MSc-II (Credit System)

Revised Syllabus (From June-2020)

Course: GGUT–250 Oceanography

Course Outcome:

1. They understand the contributions of various Oceanographers in the development of the subject.
2. They understand origin of the ocean basins and various theories related the same.
3. They understand the oceanic process and availability of ocean resources.
4. They examine the properties of Sea water and Marine sediments particles with correlation, distribution and deposits.
5. They understand causes and measures of Oceanic pollution and its impact of human being

No. of Credits: 04

Total Periods: 60

S.N.	Topic	Sub-Topic	Periods
1	Introduction to Oceanography	i. Definition and Meaning of Oceanography ii. Foundation of Modern Oceanography iii. Contribution of Oceanographers in the subject iv. Post-war Oceanography v. Modern Trends	08
2	Origin of the Ocean Basins	i. Continental Drift ii. Seafloor Spreading iii. Plate Tectonics iv. World Oceans, their origin and distribution	08
3	The Ocean Floor	Relief of the Ocean Bottom i. Continental Margin: Continental shelves and slopes ii. Oceanic Ridges and Rises iii. Abyssal Plains iv. Oceanic Trenches v. Volcanoes on ocean floor vi. Coral Reefs and Atolls vii. Offshore Islands	08
4	Properties of Sea Water	i. Factors affect temperature on water and distribution ii. Factors affecting density iii. Origin and composition of sea salt and residence time iv. Carbon dioxide and carbonate cycles v. Viscosity vi. Surface tension	12

5	Marine Sediments	i. Lithogenous particles (Derived from Rocks) ii. Biogenous particles (derived from organisms) iii. Hydrogenous particles (derived from Water) iv. Distribution of sediment deposits v. Oceanic ooze vi. Correlation and age determination	08
6	Ocean resources	i. Natural resources- gaseous, liquefied and solid chemical parameters ii. Available resources iii. Exploited resources iv. Unexploited resources v. Account of known but unexploited oceanic reserves	08
7	Oceanic Pollution	Causes and measures i. Etiology of marine & oceanic pollution ii. Possible natural disturbances causing pollution in oceans iii. Anthropogenic activities resulting in oceanic pollution iv. Oceanic pollutants and their characteristics for human benefits v. Known remedial measures for pollution at sea & oceanic level	08

Reference Books:

1. Basu S.K. (2003) (ed): Handbook of Oceanography, Global Vision, Delhi.
2. Davis Richard A. (1972): Oceanography, Addition Wesley Publishing Co.
3. Garrison Tom (1999): Oceanography, Brooks/ Cole Wadsworth, New York.
4. Garrison Tom (2004): Essentials of Oceanography. Thompson, Australia.
5. Grant Gross M. (1982): Oceanography, Prentice hall, Ince, New Jersey.
6. King Cuchlain A. M (1962): Oceanography for Geographers (ED) Edward Arnold.
7. Sharma & Vatal (1962): Oceanography for Geographers. Chaitanya Publishing House, Allahabad
8. Thurman Harold V. (1985): Introductory Oceanography. Bell & Howell Co. London.
9. Weisberg J. and Howard P. (1974): Introductory Oceanography. McGraw Hill, Kogakusha, Tokyo

SAVITRIBAI PHULE PUNE UNIVERSITY

Geography MA/MSc-II (Credit System)

Revised Syllabus (From June-2020)

Course: GGUT – 251 Research Methodology**Course Outcome:**

1. Students should be able to understand meaning, types and process of research.
2. Students should be able to distinguish a purpose statement, a research problem.
3. They understand purpose of good research design.
4. Students should be able to define the advantages, disadvantages, characteristics and types of sampling.
5. Students should be able to understand methods of data collection methods.
6. Students should be able to define the meaning of a variable, hypothesis, and various data analysis methods.
7. Make use of proper tools and surveying methods for measurement in context of collection and processing of data.
8. Students should understand the technical writing and reporting of research.
9. They understand research ethics, plagiarism and funding agencies for the development of research.

No. of Credits: 04**Total Periods: 60**

Topic No.	Topic	Sub-Topic	Periods
1	Introduction to Research Methodology	i. Meaning and objectives of research ii. Characteristics of Research iii. Types of Research iv. Various steps in Research Process v. Research Methods versus Methodology	10
2	Research Design	i. Research Design - definition ii. Purpose of a Research Design iii. Characteristics of Good Research Design	06
3	Research Problem	i. Definitions of the Research Problem ii. Identification of a Research Problem iii. Technique involved in defining a problem	06
4	Sampling Design	i. Sampling Design – Definition of Population, Sample and Sampling Design ii. Advantages and disadvantages of Sampling iii. Characteristics of a good sample iv. Types or method of sampling	08
5	Methods of Data Collection	A) Primary Data Questionnaire Method i. Questionnaire – definition ii. Characteristics of a good questionnaire iii. Merits and demerits Questionnaire Method Interview Method i. Interview – definition ii. Characteristics of an interview iii. Merits and demerits of Interview iv. Difference between Interview and Questionnaire Observation Method/Field Work Method B) Secondary Data	06

6	Data Analysis	i. Variables and their types ii. Hypothesis- definition and types iii. Measure for Central Tendency and Dispersion iv. Correlation and Regression Analysis v. Time series analysis vi. T test, Z test, Chi-square test	12
7	Technical writing and reporting of research	Types of research report i. Dissertation and thesis, research paper, review article, short communication, conference presentation, meeting report, etc. ii. Structure and organization of research reports- Title, abstract, key words, introduction, methodology, results, discussion, conclusion, acknowledgements, references, footnotes, tables and illustration iii. Literature Review	06
8	Research ethics, plagiarism and funding agencies	i. Research ethics ii. Plagiarism iii. Use of plagiarism detection softwares iv. Research opportunities and funding agencies	06

Reference Books:

1. Gaum, Carl G., Graves, Harold F., and Hoffman, Lyne, S.S., (1950): Report Writing, 3rd ed., New York: Prentice-Hall.
2. Kothari, C.R. (2004): Research Methodology: Methods and Techniques, New Age International (P) Ltd., New Delhi – 110002.
3. Kothari, C.R., (1984): Quantitative Techniques, 2nd ed., New Delhi: Vikas Publishing House Pvt. Ltd.
4. Mishra Shanti Bhushan and Shashi A. (2011): Handbook of Research Methodology, Educreation Publishing, New Delhi – 110075.
5. Pandey, P. and Pandey, M.M. (2015): Research Methodology: Tools and Techniques, Bridge Center, Romania, European Union.
6. Tandon, B.C., (1979): Research Methodology in Social Sciences. Allahabad, Chaitanya Publishing House.
7. Ullman, Neil R. (1978): Elementary Statistics, New York: John Wiley & Sons, Inc.
8. Yamane, T., Statistics (1973): An Introductory Analysis, 3rd ed., New York: Harper and Row.

SAVITRIBAI PHULE PUNE UNIVERSITY

Geography MA/MSc-II (Credit System)

Revised Syllabus (From June-2020)

Course: GGUT- 252: Geography of Soil**Course Outcome:**

1. Identifying and explaining the definition, development of soil.
2. They understand the soil formation and soil profile.
3. They understand the Components, Characteristics and Nutrients of Soil.
4. They understand the classification and types of soil.
5. They understand the problems related to the soil.
6. Applying geographical knowledge related to soil to everyday living.
7. Showing an awareness and responsibility for the soil conservation.

Credit: 02**Periods: 30**

Topic No.	Topic	Subtopics	Periods
1	Introduction to Geography of Soil	i. Definition ii. Nature and Scope of Soil Geography iii. Development of Geography of Soil iv. Soil as a Natural Resource	4
2	Soil Formation and Soil Profile	i. Factors of Soil formation: Parent Material, Climate, Biota, Time, Topography. ii. Soil Profile : Definition and Structure	6
3	Components and Characteristics of Soil	i. Soil component: Minerals, Organic Matter, Air and Water. ii. Physical, Chemical and Biological characteristics of soil. iii. Nutrients in Soils: Primary, Secondary and Micronutrients	6
4	Classification and types of Soil	i. Land Capability Classification ii. Land Suitability Classification iii. Types of Soil with reference to India	6
5	Problems related to soil and Soil Conservation	i. Soil Problems: Soil Pollution, Acidification, salinization and Soil health ii. Soil Conservation: Definition and various methods of Soil Conservation, iii. Soil Conservation in India iv. Role of RS and GIS in Soil Conservation	8

References Books:

1. A.S. Gustafson, (2007): "Soils and Management" Published by Agrobios (India).
2. Brady, N. C., and Weil, R. R. (2008): The Nature and Properties of Soils, Prentice Hall, New Jersey
3. Bridges, E. M. and Davidson, D. A. (1982): Principles and Applications of Soil Geography, Longman Group, London.
4. Birkeland, P. W (1999): Soils and Geomorphology, Oxford University Press, New York.
5. C. E. Miller, L.M. Turk, (2001): "Fundamental of soil Science" Biotech Books Delhi.

6. Daji, J. A. (1970): A Textbook of Soil Science, Asia Publication House, New York.
7. Lal, R. (ed.), (2002): Encyclopedia of soil science. Marcel Dekker, New York.
8. Miller, R. W. and Donahue, R. L. (1992): Soils: An Introduction to Soils and Plant Growth, Prentice-Hall of India, New Delhi.
9. Pitty, A. F. (1978): Geography and Soil Properties, Methuen and Co., London.
10. S. C. Panda, (2007): "Soil water conservation and dry farming" Published by Agrobios (India).
11. V. B. Kale (2020): Soil Geography, Himalaya Publishing House, Mumbai.

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGDP-253 Practical in Geostatistics

Course Outcome:

1. Students identifying methods of data analysis and applying spatial data analysis
2. Applying theoretical knowledge based on the GIS software into practical based work.
3. Applying spatial interpolation through GIS software.
4. Students understand and apply problems and interpretation results of cluster analysis
5. Students understand and apply problems and interpretation results of Markov Chain Analysis.

No. of Credits: 02

No. of Periods: 30

Topic No.	Topic	Subtopics	Practical (3 hours)
1	Exploratory spatial data analysis	i. Univariate descriptors: Frequency tables, Histogram, Cumulative frequency table, Normal probability plots, Summary / Descriptive Statistics ii. Bivariate descriptors: Scatter plot, correlation, covariance, correlation-coefficient, linear regression <i>(Attempt at least two discrete problems plotting/obtaining the univariate and bivariate descriptors and interpreting them.)</i>	2
2	Structural analysis	Variogram: Definition and concept i. Plotting of variogram using GIS software	2
3	Spatial interpolation	Local Interpolation Thiessen polygon (Vornoi plots) (manual and software) i. Inverse Distance Weighting (IDW)* ii. Spline* iii. Kriging* (*use of software)	2
4	Cluster Analysis	Problems and interpretation of results	2
5	Markov Chain Analysis	Problems and interpretation of results	2

Reference Books:

1. Cressie, N.A.C. (1993): Statistics for Spatial Data, New York: John Wiley & Sons, Inc.
2. Duetsch, C.V. and Journel, A.G. (1992): GSLIB: Geostatistical Software Library and User's Guide, New York: Oxford University Press.
3. Hohn, M.E. (1988): Geostatistics and Petroleum Geology, New York: Van Nostrand Reinhold.
4. Simon W. Houlding (2000): Geostatistics: Modeling and Spatial Analysis, Springer; Har/Cdr edition (8 June 2000), CD-ROM: 161 pages

SAVITRIBAI PHULE PUNE UNIVERSITY
Geography MA/MSc-II (Choice Based Credit System)

Semester: IV

Revised Syllabus (From June-2020)

Course: GGUT – 254 Political Geography

Course Outcome:

1. Students will get familiarized with Historical development and recent trends in Political Geography.
2. Students will be able to discuss about concepts of Nations and State.
3. Students will be able to understand meaning and difference between Frontiers & Boundaries.
4. They can identify Geopolitical aspects and its related theories.
5. They can discuss and explain the thoughts on contemporary issues relation to India.

No. of Credits: 02

Total Periods: 30

Sr. No.	Topic	Sub-Topic	Periods
1	Introduction to Political Geography	i. Definition, nature and scope ii. Historical Development of Political Geography iii. Recent trends in Political Geography iv. Importance of Political Geography	6
2	Concepts of Nations and State	i. Definition of Nation and State ii. Origin of state and Elements of state iii. Nation building/Nationalism iv. Difference between Nation and State	6
3	Frontiers & Boundaries	i. Definition of Frontiers & Boundaries ii. Difference between frontiers & boundaries iii. Genetic, functional & Morphological classification of boundaries	4
4	Geopolitics	i. Concept of Geopolitics ii. Heartland Theory of Mackinder iii. Concept of Modern Geopolitics iv. Geopolitical importance of Indian ocean	6
5	Contemporary Issues related to India	i. Changing political map of India. ii. Interstate water dispute in India iii. Problems of border states of India iv. Dispute of India boarder with neighbouring countries	8

REFERENCES:

1. Alexander L.M (1963): World Political Patterns, Ram McNally, Chicago.
2. Adhikari (2008) Political Geography of India, Sharda Pustak Bhavan Allahabad
3. Adhikari S., 1997: Political Geography, Rawat Publication, Jaipur.
4. Blij De H.J., 1972: Systematic Political Geography. Wiley, New York.
5. Cohen S.B., 1973: Geography and Politics in a divided world. Oxford, New York.
6. Cox Kevin: Political geography: Territory, State and Society, Blackwell Publishers Ltd, 108, Cowely Road, Oxford, UK.
7. Dixit R. D., 1982: Political Geography. Tata McGraw Hill New Delhi.
8. Dikshit R.D. (2000) Political Geography: The Spatiality of Politics ,Tata McGraw New Delhi
9. Dwivedi R.L., 1996: Political Geography. Chaitanya Prakashan Allahabad.
10. Moor R., 1981: Modern Political Geography. McMillan, London.
11. Pounds N.G., 1972: Political Geography. McGraw Hill, London.
12. Painter J and Jeffery A (2009) Political Geography, Sage Publication
13. Taylor P. (2001): Political Geography, New Delhi, Pearson
14. Valkenberg S.U. & Stoz C., 1963: Elements of Political Geography. Prentice Hall of India, New Delhi.
15. K Siddhartha (1998) Nation Sate theory and Geopolitics: An introductory Political Geography, Kisalaya Publication, Patana
16. Vitthal Gharpure (2013) Rajkiy Bhugol (Marathi) Pimpalpure Publishers Nagpur.
17. Jay Kumar Magar (1994), Rajkiy Bhugol (Marathi) Vidhya Prakashan Nagpur

SAVITRIBAI PHULE PUNE UNIVERSITY

Geography MA/MSc-II (Credit System)

Revised Syllabus (From June-2020)

Course: GGUT – 255 Regional Planning**Course Outcome:**

1. Students will be able to understand the definition and concept of regional geography study about the principles and importance, types and levels of Regional planning.
2. They will understand the concept and types of Region as well as measurement of regional development.
3. Ability to prepare surveys of regional planning based on Regional, Techno-economic and Diagnostic level surveys.
4. They can understand Regional disparities and policies in India.
5. Students will be able to understand regional approach for the study regionalization and planning.
6. Student presentations on any one topic related to regional geography with issues and solutions/ planning related to issues.

No. of Credits: 02 Total Periods: 30

Topic No	Topic	Sub-Topic	Periods
1	Introduction to Regional Planning	i. Concept and Need of Regional Planning ii. Role of Geography in Regional Planning iii. Hierarchy of Planning iv. Types of Planning v. Levels of Planning	7

2	Region	i. Concept of a Region ii. Type of a Region iii. Concept of Planning Region iv. Indicators of Developments v. Measurement of Regional Development	7
3	Surveys of Regional Planning	i. Regional Survey ii. Techno-Economic Survey iii. Diagnostic surveys Survey	4
4	Regional Policies	i. Regional disparities in India ii. Regional Policies in India's Five Year Plans iii. Experience of Regional Planning in India iv. Multilevel planning (State, District and Block Level Planning).	7
5	Regionalization	i. Concept of Regionalisation ii. Planning of Metropolitan regions iii. Planning of tribal, command areas and river basins iv. National Capital Region.	5

Reference Books:

1. Bhat, L.S. (1973): Regional Planning in India, Statistical Publishing Society, Kolkata.
2. Chandana, R.C. (2000): Regional Planning - A Comprehensive Text, Kalyani Publishers, Ludhiana.
3. Dube K.N. (ed) (1990): Planning and Development in India, Asia Publishing House, New Delhi.
4. Friedmann, J., Alonso, W. (1967): Regional Development and planning - A Reader, MIT Press Mass.
5. Govt. of India (1986): Regional Plan 2001 - National Capital Region, NCRPB, Ministry of Urban Development, New Delhi.
6. Mishra R.P. (Ed.) (1992): Regional Planning, Concepts, Techniques, Policies and Case Studies, Concept Pub. New Delhi.

SAVITRIBAI PHULE PUNE UNIVERSITY

Geography MA/MSc-II (Credit System)

Revised Syllabus (From June-2020)

Course: GGDP – 256 Practical in Watershed Analysis**Course Outcome:**

1. Analyze watershed characteristics on the map based on toposheets. without going to field.
2. Measure physical watershed characteristics (basin perimeter, shape and area) and interpret them.
3. They estimate linear aspects of drainage and stream densities of the watershed and evaluate the result.
4. They estimate relief aspects of drainage and stream densities of the watershed and draw the relief maps.
5. They know how samples can be collected with purpose of watershed management on based on the computer software.
6. They can present DEM based model for watershed management.

No. of Credits: 02**Total Periods: 30**

S.N.	Topic	Sub-Topic	Practical (3 Hours/practical)
1	Delineation of Watershed/Drainage Basin	i. Delineation of Watershed/Drainage basin from toposheets (3 to 5 th order) ii. Calculation of Basin perimeter, shape and area	02
2	Linear Aspects of Drainage Basin	i. Stream ordering (Strahler's method) ii. Bifurcation ratio iii. Measurement and calculation of Stream length iv. Mean stream length, v. Stream length ratio	02
3	Relief Aspects of Drainage Basin	i. Calculation of Relief ratio ii. Relative relief iii. Ruggedness number iv. absolute relief map v. Relative relief map	02
4	Software based	i. Delineation of watershed (DEM based) ii. Physiographic map iii. Watershed map iv. Drainage network map v. Contour map vi. Slope map	04

Reference Books:

1. King, C. A. M (1966): Techniques in Geomorphology, Edward Arnold, London
2. Savindra Singh (2002): Geomorphology, Prayag Pustak Bhawan, Allahabad
3. Miller, Austin (1953): The skin of the Earth, Methuen & Co. Ltd. London
4. Strahler: Physical Geography

5. Wilson, J., Gallant, J., (2000): Terrain Analysis: Principles and Applications. New York: JohnWiley and Sons.
6. Rajvir Singh, (2008): Watershed Planning and Management, 2nd Edition, Yash PublishingHouse, Bikaner, India.
7. B. K. Kakde, (2004) Watershed Manual – A Guide for Watershed Development Practitionersand Trainers, BAIF Development Research Foundation, Pune.
8. R. Suresh (2006) Soil and Watershed Conversation Engineering, 2nd Edition, – StandardPublication Distributors, Delhi.

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGDP-257 Interpretation of Topographical Maps and GPS Survey

Course Outcome:

1. Students will be able to understand the SOI toposheets with index system and conventional signs, symbols and its grid reference.
2. Students prepare for interpretation of S.O.I Toposheet with the help of physical and cultural factors introduce through toposheets.
3. Students are able to know about different map reading and map analysis techniques along with develops an idea about GPS survey and can able to prepare local/ village map.
4. They can arrange location survey with GPS instruments and collected local data for useful in the analysis of toposheets.

No. of Credits: 02

No. of Periods: 30

Topic No.	Topic	Sub topics	Practical (3 hours)
1	Study of Topographical Maps	i. Indexing systems and conventional signs and symbols of S.O.I. toposheets ii. Grid references: 4-figure grid, 6-figure grid and International grid reference iii. Introduction to US and OS sheets	02
2	Interpretation of S.O.I toposheets.	i. Relief: Distribution of Spot heights, bench marks, Trigonometrical Points etc., Types of Slopes (convex, concave, uniform etc.) and Major landforms from contour patterns ii. Drainage network: Types-trellis, dendritic, radial, etc., Streams with water, without water and Influence of relief on drainage iii. Natural Vegetation: Types of vegetation, Association of relief and drainage, Reserved Forest and Protected Forest iv. Land Use: Agriculture, mining etc, areal distribution and impact of Physical landscape.	04

		v. Settlements: Types settlements, amenities, etc, Distribution, relative size, relative distance (dispersed, nucleated etc) vi. Transport and Communication: Types of roads, railway lines, facilities of communication (3 sheets of S.O.I. toposheets)	
3	GPS Survey of Village	i. Introduction of GPS : Space segment, Control segment and user segment ii. GPS Survey (GPS Reading and Area Measurement): One day field visit and excursion report	04

Reference Books

1. Archer J. E and Dalton T. H. (1968), Field work in Geography B.T. Batsford Limited London
2. Dury G.H. (1960): Map Interpretation. Sir Isaac Pitman and Sons Limited, Pitman House, Bath.
3. Gupta, K. K. and Tyagi, V. C. (1992): Working with maps, Survey of India Publication, Dehradun.
4. Jones P. A. (1968): Field work in Geography. Longmans, Green and Company Limited.
5. Meux A. H. (1960): Reading Topographical Maps. University of London Press Limited.
6. Petrie N. (1992): Analysis and Interpretation of Topographical Maps. Orient Longman Limited Calcutta.
7. Ramamurthy, K. (1982): Map interpretation, Madras.
8. Tamaskar B.G. and Deshmukh V.M. (1974): Geographical Interpretation of Indian Topographical Maps. Orient Longman Limited, Bombay.
9. Vaidyanadhan. R. (1968): Index to a set of 60 topographical maps, CSIR, New Delhi.
10. Wheeler K.S. Ed (1970): Geography in the field. Blond Educational, London.

Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

Course: GGUT-258 Geography of World

Course Outcome:

1. Students will become able to understand the Earth and Solar System, continents and oceans, Geological time scale.
2. Students will be able to understand regional geography of Europe, North America, South America, Africa, Australia, Asia and Antarctica.
3. Students will become able to demonstrate an understanding World contemporary issues and Role of WTO and IMF.
4. They will be able to understand the challenges and opportunities between 21st century with reference to food security, climate change, terrorism, globalization and tourism.

No. of Credits: 04**No. of Periods: 60**

Topic No.	Topic	Subtopics	Practical (3 hours)
1	The Earth	i. Introduction (Earth and solar system) ii. Origin and Evolution of the Earth- Big-bang theory iii. Geological Time scale iv. Continents and Oceans, Major natural regions	08
2	Regional geography of : 1. Europe 2. North America 3. South America 4. Africa 5. Australia	i. Location ii. Physical features – (Physical Division and main rivers) iii. Climate iv. Agriculture v. Natural vegetation and wild life vi. Mineral resources vii. Population	30
	6. Asia 7. Antarctica	viii. Important countries	
3	World contemporary issues	i. Major political issues (Border and Water) ii. Health issues – (COVID-19) iii. Environmental issues – (Global warming) iv. Population issues – (Growth, Religious conflict, Poverty, Migration) v. Role of WTO and IMF	12
4	21st century challenges and opportunities in the world	Challenges i. Food security ii. Climate change iii. Global Public Health (Pandemics) iv. Terrorism Opportunities i. Globalization ii. Tourism	10

Reference Books:

1. Ashworth, L. M. (2013). Mapping a new world: Geography and the interwar study of international relations. *International Studies Quarterly*, 57(1), 138-149.
2. Baerwald, T. J., Fraser, C., & Bednarz, S. (2003). *World geography: Building a global perspective*. Prentice-Hall.
3. Berglee, R. (2012). *World regional geography: People, places and globalization*.
4. Bradshaw, M. J. (2000). *World Regional geography: The new global order*. McGraw Hill.
5. Cole, J. P. (1996). *Geography of the world's major regions*. Psychology Press.
6. George, B. P., & Nedelea, A. (2007). *International Tourism: World Geography and Developmental Perspectives*. Abhijeet Publications.
7. Haggett, P. (Ed.). (2002). *Encyclopedia of World Geography* (Vol. 24). Marshall

Cavendish.

8. Jackson, R. H., & Hudman, L. E. (1990). *World regional geography: issues for today*. Wiley.
9. Krätke, S., & Taylor, P. J. (2004). A world geography of global media cities. *European Planning Studies*, 12(4), 459-477.
10. Majid Husain (2013) *World Geography*, Rawat Publications.
11. McColl, R. W. (2014). *Encyclopedia of world geography* (Vol. 1). Infobase Publishing.
12. Sager, R. J., Helgren, D. M., & Israel, S. (1989). *World geography today*. Holt, Rinehart and Winston.
13. Schmidt, B. (2015). *Inventing exoticism: geography, globalism, and Europe's early modern world*. University of Pennsylvania Press.

SAVITRIBAI PHULE PUNE UNIVERSITY

Geography MA/MSc-II (Credit System)

Revised Syllabus (From June-2020)

Course: GGUP – 259 Dissertations**Course Outcome:**

1. They can plan, and engage in, an independent and sustained critical investigation and evaluation of a chosen research topic relevant to environment and society.
2. They will be able to systematically identify relevant theory and concepts, relate these to appropriate methodologies and evidence, apply appropriate techniques and draw appropriate conclusions.
3. Students can engage in systematic discovery and critical review of appropriate and relevant information sources.
4. They will be able to appropriately apply qualitative and/or quantitative evaluation processes to original data.
5. They understand and apply ethical standards of conduct in the collection and evaluation of data and other resources.
6. They will be able to communicate research concepts and contexts clearly and effectively both in writing and orally through viva-voce and power point presentation.

No. of Credits: 04**Total Periods: 60**

1	The students shall declare the option of dissertation at the beginning of the 3 rd semester.
2	A Post Graduate recognized teacher in the department is eligible to guide maximum two students per year.
3	General Guide Lines :- i. Introduction to the problem ii. Aims and objectives of the study iii. Data and Methodology iv. Analysis, description and interpretation v. Results and Conclusions vi. References/Bibliography (Fieldwork/data collection/field visits wherever necessary)
4	Every table, figure, photograph should have a caption and with references.
5	The list of references should be given at the end and all the references should be complete in all respects (author(s)) name, year, title of the article or book, name of the journal, name of the publisher of the book and place of publication, volume of journal and page numbers)
6	The minimum page limit for the dissertation is 50, including text, figures, tables, photographs, references, and appendices.
7	At the time of viva-voce, presentation must be given with the help of power point.

Savitribai Phule Pune University, Pune
For All faculties

**2 credit Compulsory course for all the First Year students in All
Faculties**

Democracy, Election and Governance

Objectives:

1. To introduce the students meaning of democracy and the role of the governance
2. To help them understand the various approaches to the study of democracy and governance

Module 1 Democracy- Foundation and Dimensions

- a. Constitution of India
- b. Evolution of Democracy- Different Models
- c. Dimensions of Democracy- Social, Economic, and Political

Module 2 Decentralization

- a. Indian tradition of decentralization
- b. History of panchayat Raj institution in the post independence period
- c. 73rd and 74th amendments
- d. Challenges of caste, gender, class, democracy and ethnicity

Module 3 Governance

- a. Meaning and concepts
- b. Government and governance
- c. Inclusion and exclusion

References:

1. Banerjee-Dube, I. (2014). *A history of modern India*. Cambridge University Press.
2. Basu, D. D. (1982). *Introduction to the Constitution of India*. Prentice Hall of India.
3. Bhargava, R. (2008). *Political theory: An introduction*. Pearson Education India.

4. Bhargava, R., Vanaik, A. (2010) *Understanding Contemporary India: Critical Perspective*. New Delhi: Orient Blackswan.
5. Chandhoke. N., Proyadardhi.P, (ed) (2009), '*Contemporary India: Economy, Society, Politics*', Pearson India Education Services Pvt. Ltd, ISBN 978-81-317-1929-9.
6. Chandra, B. (1999). *Essays on contemporary India*. Har-Anand Publications.
7. Chatterjee, P. (1997). *State and Politics in India*.
8. Dasgupta. S., (ed) (2011), '*Political Sociology*', Dorling Kindersley (India) Pvt. Ltd., Licensees of Pearson Education in south Asia. ISBN: 978-317-6027-7.
9. Deshpande, S. (2003). *Contemporary India: A Sociological View*, New Delhi: Viking Publication.
10. Guha, R. (2007). *India After Gandhi: The History of the World's Largest Democracy*, HarperCollins Publishers, New York.
11. Guha, R. (2013). *Gandhi before India*. Penguin UK.
12. Jayal. N.G. (2001). *Democracy in India*. New Delhi: Oxford University Press.
13. Kohli, A. (1990). *Democracy and discontent: India's growing crisis of governability*. Cambridge University Press.
14. Kohli, A., Breman, J., & Hawthorn, G. P. (Eds.). (2001). *The success of India's democracy* (Vol. 6). Cambridge University Press.
15. Kothari, R. (1989). *State against democracy: In search of humane governance*. Apex Pr.
16. Kothari, R. (1970). *Politics in India*. New Delhi: Orient Blackswan.
17. Kothari, R. (1995). *Caste in Indian politics*. Orient Blackswan.
18. Sarkar, S. (2001). *Indian democracy: the historical inheritance. the Success of India's Democracy*, 23-46.

मराठी संदर्भ ग्रंथ:

१. राही श्रुती गणेश., आवटे श्रीरंजन, (२०१९), '*आपलं आयकार्ड*', सुहास पळशीकर द युनिक अकॅडमी पब्लिकेशन प्रा.लि.,.
२. व्होरा राजेंद्र., पळशीकर, सुहास.(२०१४). *भारतीय लोकशाही अर्थ आणि व्यवहार*. पुणे : डायमंड प्रकाशन.
३. सुमंत, यशवंत.(२०१८). *प्रा. यशवंत सुमंत यांची तीन भाषणे*. पुणे : युनिक अकॅडमी पब्लिकेशन्स प्रा.लि
४. भोळे. भा.ल. (२०१५). *भारतीय गणराज्याचे शासन आणि राजकारण*. नागपूर: पिंपळापुरे बुक प्रकाशन
५. कसबे. रावसाहेब. (२०१०)डॉ. आंबेडकर आणि भारतीय राज्यघटना. पुणे: सुगावा प्रकाशन

Savitribai Phule Pune University

HISTORY

M.A. SYLLABUS FOR SEMESTER AND CREDIT PATTERN(M.A.PartI)

(From June 2019)

Rules and Regulations

General Information:

- The M.A. degree will be awarded to students who complete a total of 64 credits in a minimum of two years taking four courses per Semester (4X4=16 credits). Each course will be of 4 credits
- A Student may take three courses (totalling to twelve credits) per semester from the parent department and therefore one course of four credits from any other department per semester. In case a student wishes to take all courses from the parent department he/she may also do so.
- All courses are open to all students from outside the department. Eligibility for registering for each course will be decided by the departmental committee.
- For the students doing M.A. degree in History the courses for divided into compulsory and Optional. Every student has to take three core courses and one elective course each semester.

I. Evaluation

- Each course will have 50% marks as semester end examination and 50% marks for internal assessment.
- The student has to pass in the combined total of internal assessment and semester end examination.
- In order to pass a student shall have to get minimum 40% marks (E and above on grade point scale) in each course. Any student getting less than 16 marks in each component will be declared as failed, even if the combined total is over 40%.
- If a student misses an internal assessment examination he/she will have a second chance with the permission of the teacher concerned. Students who have failed for the entire course may reappear at the semester-end exam. Their internal marks will not change. They can also repeat during the 5th /the 6th semester whichever is applicable
- The grading pattern is as follows:

Marks	Grade	Grade
80-100	O: Outstanding	10
70-79	A+: Excellent	09
60-69	A: Very Good	08
55-59	B+: Good	07
50-54	B: Above Average	06
45-49	C: Average	05
40-44	P: Pass	04
0-39	F: Fail	0
--	Ab: Absent	0

The description for the grades is as follows:

O: Outstanding: Excellent analysis of the topic, (80% and above)

Accurate knowledge of the primary material, wide range of reading, logical development of ideas, originality in approaching the subject, Neat and systematic organization of content, elegant and lucid style.

A+ : Excellent : Excellent analysis of the topic (70 to 79%)

Accurate knowledge of the primary material, acquaintance with seminal publications, logical development of ideas, Neat and systematic organization of content, effective and clear expression

A: Very Good: Good analysis and treatment of the topic(60 to 69%)

Almost accurate knowledge of the primary material, acquaintance with seminal publications, logical development of ideas, Fair and systematic organization of content, effective and clear expression

B+: Good: Good analysis and treatment of the topic (55to 59%)

Basic knowledge of the primary material, logical development of ideas, Neat and systematic organization of content, effective and clear expression

B: Above Average: Some important points covered (50to 54%)

Basic knowledge of the primary material, logical development of ideas, Neat and systematic organization of content, good language or expression

C: Average: Some points discussed (45 to 49%)

Basic knowledge of the primary material, some organization, acceptable language or expression

P: Pass: Any two of the above (40 to 44%)

F: Fail: None of the above (0 to 39%)

COURSE STRUCTURE

SEMESTER I

Core Courses

1. History: Theory and Method
2. Evolution of Ideas and Institutions in Early India
3. Maratha Polity

Elective Courses:

1. History of the Deccan: Pre-History to Chalukya
2. Social Background of Dalit Movement in Maharashtra
3. Art and Architecture in Ancient India
4. History of Cinema in India
5. Gender and Indian History
6. History of West Asia
7. USA: From Isolation to Hegemony
8. History of Science and Technology in the West

SEMESTER II

Core Courses:

4. Approaches to History
5. Ideas and Institutions in Medieval India
6. Socio-Economic History of the Marathas

Elective Courses:

9. Marathas in 17th and 18th century: Power Politics
10. Nature of Dalit Movement in Maharashtra
11. History of Medieval Deccan: Rashtrakuta to Deccan Sultanate
12. Art and Architecture in Medieval India
13. Economic History of Medieval India
14. East Asia: China (1900-2000)
15. History of Southeast Asia
16. History of Science and Technology in India

Semester I: Core Paper No. 1

Credits: 4

Course Title: HS: CC - 1: History: Theory and Method

Objectives

The paper is designed to provide adequate conceptual base, bring better understanding of history and its forces, help interrogate existing paradigms and challenge the outdated, help in developing critique, help research in terms of formulating hypotheses and develop broad frames of interaction with other social sciences and attain certain level of Interdisciplinary approach.

Course content

1. Philosophy, Nature and Functions of History
2. Scientific Method of Historical Research
 - i. Formulation of Research Question
 - ii. Stating the Hypotheses
 - iii. Choosing a Research Design
 - iv. Collection of Sources- Primary and Secondary sources
 - v. Criticism of Sources – Internal and External
 - vi. Analysis, Historical imagination and Interpretation
 - vii. Conclusions
 - viii. Report sharing – Footnotes and Bibliography
3. Early Theories of History
 - i. Greek Thought – Quasi-Histories, Herodotus, Thucydides and Polybius
 - ii. Roman Thought – Livy, Plutarch, Tacitus
 - iii. Church- St Augustine's method of Textual Interpretation, Eusebius's chronological method
 - iv. Indian Thought – Narrative method, Itihasa Purana Tradition
 - v. Arab Thought- Ibn Khaldun's Causes of Lies in History
4. Modern Theories of History
 - i. Rationalist
 - ii. Romanticist
 - iii. Positivist
 - iv. Historical Materialism
5. Post-war Theories of History
 - i. Socio-Economic Theories
 - ii. Structuralism and Post Structuralism
 - iii. Post-Modernism
 - iv. Total History

Select Readings

English

1. Arnold John H., *A Very Short Introduction to History*, OUP, 2000.
2. B. Sheikh Ali, *History: Its Theory and Method*, Trinity Press, (Reprint) New Delhi. 2015.
3. Barry, Peter, *Beginning Theory: An introduction to literary and cultural theory*, Manchester University Press, New York, 1995.
4. Carr, E.H., *What is History*, Penguin Books, Harmondsworth, 1971.
5. Childs, Peter, *Modernism*, Routledge, London, 2000.
6. Chitnis K. N., *Research Methodology in History*, Atalantic Publishers, Delhi.
7. Collingwood, R.G., *The Idea Of History*, Oxford University Press, New York, 1976.
8. E. Shridharan, *A Textbook of Historiography*, Orient Blackswan, Delhi. 2004.
9. Eagleton, Terry, *Ideology*, Verso Books, 1991.
10. Foucault, Michel, *The Archeology of Knowledge*, translated by Sheridan Smith, Tavistock Publications, London 1982.
11. Good and Hatt, *Methods in Social Research*, McGraw hills, 1952.
12. Hamilton, Paul, *Historicism*, London, Routledge, First Indian Edition, 2007.
13. Langlois C. V. and C. Seignobos, *Introduction to the study of History*, Barnes and Noble Inc. and Frank Cass and co., New York, 1966.
14. Russell, Bertrand, *History of Western Philosophy*, Routledge, London, rpt. 1996.
15. Sarkar Sumit, *Writing Social History*, OUP, 1998
16. Thapar Romila, *Cultural pasts*, OUP, 2000.

Marathi

1. Athavale, Sadashiv, *Itihasache Tattvadnyaan*, Praadnya Pathshala, Wai,. 1986.
2. Bedekar D. K., *Char June Arthashastreeya Granth*, Gokhale Institute, Pune, 1969.
3. Carr, E.H., (tr. V.G. Lele), *Itihas Mhanaje Kay?*, Continental Prakashan, Pune, 1998.
4. Dahake, Vasant Abaji, et.al (ed.) *Marathi Vangmayeen Sandnya- Sankalpana Kosh*, G.R Bhatkal Foundation, Mumbai, 2001.
5. Deo, Prabhakar, *Itihas: Eka Shastra*, Brain Tonic Prakashan, Nashik, 2007
6. Hatekar N. and Padwal R., *Don June Arthashastreeya Granth*, Lok Vangmay Gruha, 2013.
7. Kothekar, Shanta, *Itihas: Tantra ani Tatvadnyana*, Shri sainath Prakashan, Nagpur, 2005.
8. Sardesai, B.N., *Itihas Lekhan Shastra*, Phadke Prakashan, Kolhapur, 2002.
9. Saatbhai S., *Itihas Lekhan Sahstra*, Vidya Books Publication, 2015.
10. Ravinder Kumar, *Adhunik Bharat ka Samajik Itihas*, Granth Shilpi, Delhi. 1997.
11. *Itihas Lekhana Mimansa*, Loka Vangmaya Gruha, Mumbai. 2010.
12. Wamburkar, Jaswandi, (ed.) *Itihasatil Nave Pravaah*, Diamond Publication, Pune. 2014.

Semester I: Core Paper No. 2

Credits: 4

Course Title: HS: CC - 2: Evolution of Ideas and Institutions in Early India

Objectives

The course intends to provide an understanding of the social, economic and institutional bases of early India. It is based on the premise that an understanding of early Indian history is crucial to understand Indian history as a whole.

Course content

1. Defining Early India
 - i. Historiography (colonial, nationalist)
 - ii. Terminology ('Hindu', 'Ancient', 'Early')
2. Sources: Perceptions, Limitations, Range
 - i. Archaeological
 - ii. Literary sources: Sanskrit, Prakrit, Pali; Religious, non-religious; Tamil Inscriptions
 - iii. Foreign accounts: Chinese, Roman
3. Political Ideas and Institutions: North and South India
 - i. Lineage Polities
 - ii. Pre-State formations in north and south India
 - iii. Early State Formations: Mahajanapadas, Maurya, Deccan and South India
 - iv. Administrative Institutions: Kingship, Administrative structures
4. Social ideas and institutions
 - i. Kin and Lineage society
 - ii. The emergence of caste based societies, marginalization and subordination
 - iii. Social protest and the emergence of new social and religious forms
 - iv. Social systems in the far south
5. Economy
 - i. Pre-historic to Chalcolithic developments
 - ii. Development of Agriculture and Trade
 - iii. Expanding Trade Economy - guilds, crafts, coinage
 - iv. Urbanisation

Select Readings

English

1. Altekar, A.S., State and Government in Ancient India, Motilal Banarasidas, Delhi. 2016.
2. Gurukul, R., *Social Formations in Early South India*, Oxford University Press, 2010.
3. Jha, D.N., *Early India: A Concise History*, Manohar, 2004.
4. Jha, D.N., *Ancient India in a Historical Outline*, Manohar, 3rd enlarged edition, 2015.

5. Parasher-Sen, Alok (ed.), *Subordinate and Marginal Groups in Early India*, Oxford India Paperbacks, Second Edition, 2007.
6. Sahu, B.P. and Veluthat, K., *History and Theory: The Study of State, Institutions and the Making of History*, Orient BlackSwan, 2018.
7. Sastri, K.A.N., *History of South India*, Oxford University Press, 1975.
8. Sharma, R.S., *Aspects of Ancient Indian Political Ideas and Institutions*, Manohar, reprint, 1999.
9. Sharma, R.S., *Sudras in Ancient India*, New Delhi, 1998.
10. Singh, Upinder, *History of Ancient and Early Medieval India*, Pearson Books, New Delhi, 2008.
11. Thapar, R., *Ancient Indian Social History: Some Interpretations*, Orient Longman, reprint, 1996.
12. Thapar, R., *From Lineage to State*, Oxford India Paperbacks, 1990
13. Thapar, R., *Interpreting Early India*, Delhi, 1995.
14. Thapar, R., *Narratives and the Writing of History*, Delhi, 2000.
15. Veluthat, K., *The Early Medieval in South India*, OUP, 2014.
16. Salestare, B.S., *Ancient Indian Political Thought and Institutions*, Asia Publishing House, 1963.
17. Nambiar, K.G., *A Cultural History of India and Pakistan*, 1957.
18. Sayyad, Abdul, Latif, *An Outline of the Cultural History of India*, The Institute of Indo Middle East Cultural studies, Hyderabad, 1958.

Marathi

1. Jha, D.N., *Prachin Bharat*, 2017.
2. Jha, D.N., (tr. G.B. Deglurkar), *MauryottarwaGuptakalinRajasvapadhati*, Diamond Publications, Pune, 2006.
3. Kosambi, D.D., (tr. VasantTulpule), *Puranakatha ani Vastavata*, LokavangmayaGruha, Mumbai, 1977.
4. Sharma, R.S., (tr. Ranade, P.), *PrachinBharatatilRajakiyaVichar ani Sanstha*, Diamond Publications, Pune, 2006.
5. Sharma, R.S., *Prachin Bharat meinRajnitikVicharevamSanstha*, (Hindi), RajkamalPrakashan, New Delhi, 1992.

Semester I: Core Paper No.3.

Credits: 4

Course Title: HS: CC 3: Maratha Polity

Objectives

The purpose of the course is to study the administrative system of the Marathas in an analytical way, to acquaint the student with the nature of Maratha Polity, to understand basic components of the Maratha administrative structure, to enable the student to understand the basic concepts of the Maratha polity.

Course content

1. Defining the term 'Maratha Polity'
2. Nature of Sources: Perceptions, Limitations, Range
 - i. Literary
 - ii. Foreign
 - iii. Archival
 - iv. Miscellaneous
3. Maratha State
 - i. Formation of the Maratha State
 - ii. Nature
4. Administrative Structure
 - i. Administrative Structure of the Deccani Kingdoms: a brief survey
 - ii. Principles underlying Maratha Administration
 - iii. Central: the institution of kingship, theory, problem of legitimacy, Ashta-PradhanMandal
 - iv. Provincial and Village: administrative units
 - v. Fiscal administration: Public income and expenditure
 - vi. Military System: forts, infantry, cavalry, navy
5. Socio-Political Power Structur
 - i. Religion
 - ii. Caste
 - iii. Gota
 - iv. Watan
6. Administration of Justice
 - i. Sources of law
 - ii. Judicial structure - central, provincial
 - iii. Judicial institutions - political, traditional
 - iv. Crime and punishment - police

Select Readings

English

1. Apte B.K., *A History of the Maratha Navy And Merchantships*, State Board for Literature and Culture, Bombay, 1973.
2. Chandra, Satish, *Medieval India (Society, the jagirdari crisis and the village)*, Macmillan India Ltd., Madras, 1992.
3. Gune, V.T., *Judicial System of the Marathas*, Deccan College, Pune 1953.
4. Kulkarni, A.R., *Maharashtra in the Age of Shivaji*, Pune, 2002.
5. Kulke, Hermann (ed.), *The State in India, 1000-1700*, Oxford University Press, Mumbai, 1997.
6. Mahajan, T.T., *Maratha Administration in the 18th century*, Commonwealth Pub., 1990.
7. Ranade, M.G., *Rise of the Maratha Power*, Bombay, 1900.
8. Sen, S.N., *Administrative System of the Marathas*, Calcutta, 1976.
9. Sen, S.N., *Military System of the Marathas*, Calcutta, 1928.

Marathi

1. Apte Trimbak Narayan, *Gaongada*, Varada, Pune, 1995.
2. Joshi, S.N., *Arvachin Maharashtra trethaskalatil Rajyakarbharcha Abhyas, (1600-1680)*, Pune Vidyapeeth, Pune 1960.
3. Joshi, S.N. and Bhingare, L.M. (ed.), *Adnyapatra ani Rajnatee*, Pune, 1960.
4. Kulkarni A.R., *Shivkaleen Maharashtra*, Rajahamsa, Pune, 1993.
5. Kulkarni A.R., Khare G.H. (ed.), *Marathyanchalitias, Vol. I to III*, Continental, Pune, 1984 (Vol. I), 1985 (Vol. II), 1986 (Vol. III).
6. Joshi S.N. (Ed.), *Chhatrapati Shivaji Raje Yanchi Bakhar*, Chitrashala, Pune, 1960.
7. Mehendale Gajanan B., *Shree Raja Shiv Chhatrapati*, Vol. I, part I, II, Mehendale, Pune, 1996.

Semester 1: Elective Course No.1

Credits: 4

Semester 1: HS: EC: 1: History of Deccan – Pre History to Chalukyas

Objectives: The paper is designed to make the student aware of the background of the history of the region. A broad survey of the pre-history which connects with the early history is aimed at emphasising the continuities and changes in terms of geographical and cultural conditions created by the rulers.

Course Content

1. Prehistory of Deccan – a brief survey

- i. Petroglyphs
- ii. Sites and Settlements: Jorwe, Inamagaon, Daimabad

2. Satavahana period

- i. Archaeological, Literary, Numismatic and Epigraphic sources
- ii. Reconstructing the political history
- iii. Society and economy
- iv. Religious practices – beginnings of land grants
- v. Cultural legacy : Gatha Sattasai

3. Vakataka period

- i. Archaeological, Literary, Numismatic and Epigraphic sources
- ii. Reconstructing the political history
- iii. Society and economy
- iv. Cultural legacy: Ajanta

4. Chalukya Period

- i. Archaeological, Literary, Numismatic and Epigraphic sources
- ii. Reconstructing the political history
- iii. Society and economy
- iv. Mobility and migration
- v. Cultural legacy :Aihole

Select Readings:

1. Alchin, FR, *Neolithic Cattle keepers of South India - A Study of the Deccan Ash Mounds*, 1963
2. Allchin, F and B, *The Origins of Civilization in India and Pakistan*
3. Ayyar, Subramanyam, *Historical Sketch of Ancient Deccan*, The modern printing works, Madras, 1917.
4. Bhandare, Shailen, *Historical Analysis of the Satavahana Era: A Study of Coins*
5. Bhandarkar, RG, *Early History of, the Deccan down to the Muhammadan conquest*, Bombay, 1884.
6. Burton, Stein, *History of India*, Wiley Blackwell, 1998
7. Fleet, J.F., *Dynastics of Kanarese Districts*; Bombay, 1896.
8. Ganguly, D.C., *The Eastern Chalukyas*; Banaras, 1937.
9. Jayaswal, K.P., *Problems of Saka-Satavahana History*; Patna, 1931.
10. K. Gopalchari, *Early History of The Andhra Country*, University of Madras, 1941
11. Majumdar, RC (ed.), *The Classical Age*, Bharatiya Vidya Bhawan, Bombay, 1954
12. Merade, G. M. : *Kadamba Kula*; Bombay, 1931.
13. Mujumdar, R.C., *History and Culture of the Indian People*; Vols. III and IV.
14. Murthy, Ramachandra, *Megalithic Culture of the Godavari Basin*, Delhi, 2000
15. Prasad, Durga *History of the Andhras upto 1565 A. D.*, P.G.Publishers, Guntur
16. Rama Rao, M., *Satavahanas and their Successors*, 1971
17. Ray, Niranjana, *The Art And Architecture of Chalukya*, D.B. Taraporewala Sons and Pvt. Ltd.
18. Sankalia, HD, *Pre and Proto History of India and Pakistan*, Deccan College, Poona
19. Satyasraya, Ranjit, *Origin of the Chalukyas*; Calcutta, 1937.
20. Shastri, Ajay, *Age of Satavahana*, Aryan Book International, 1993
21. Shukla, V.G., *Satavahanas the Contemporary Kshatrapas*.
22. Sircar, D. C., *The Successors of the Satavahana in Lower Deccan*; Calcutta, 1939.
23. Yazdani, G, *Early History of the Deccan*, OUP, 1982

Marathi

1. Mirashi, Va., Vi., *Saatvahan ani Paschim Kshatrap YanchaItihas ani KorivLekh*, Maharashtra Rajya Sanskriti Mandal, Mumbai
2. Morvanchikar, R.S., *Saatvahanakalin Maharashtra*, Pratima Prakashan.
3. Morvanchikar, R.S., *Pratishthan Te Paithan*, Vidya Books, Aurangabad.

4. Dhawalikar, M.K., *MaharashtrachiKulkatha*, Rajhans Publication, 2011
5. Sankaliya, H.D., Mate, M.S., *MaharashtratilPuratatva*, Maharashtra Rajya Sahitya Sanskriti Mandal, 1976.
6. Dhawalikar, M.K., *Puratatva Vidya*, Maharashtra Rajya Sahitya Sanskriti Mandal, 1980.
7. Mirashi, Va., Vi., *VakatakNrupati ani TyanchaKal*, Nagpur Vishwavidyalay, 1957.
8. Ranade, Pandharinaath, *MaharashtratilArthikJadanghadan*, Maharashtra Itihas Parishad, 1966
9. Nagarajayya, Hamppa, *Bahubali Ani Badami Chalukya*, tr, by Rekha Jain, Darya Prakashan

Online Article

1. S.A. Jogalekar, Saatvahan ani Satkarni <https://www.jstor.org/stable/41688591>
2. Sharma, R.S., Satavahan Polity <https://www.jstor.org/stable/44140395>
3. Dhawalikar, M. K., Satavahana Chronology: Re-examination <https://www.jstor.org/stable/41702166>
4. Rao, Hanumantha, Religion, Politics, Society in Early Deccan <https://www.jstor.org/stable/44142769>
5. Mirashi, V., The Home of The Vakatakas. <http://www.jstor.org/stable/41784577>
6. Pradhan, Shruti, From Satavahan to Andhras and Andhra Bhritiy <https://www.jstor.org/stable/41694410>

Semester 2: Elective Course No. 2

Credits.4

Course Title: HS: EC-2: Social Background of Dalit Movement in Maharashtra

Objectives:

This paper is designed to emphasise the background of the Dalit movement which flourished in the twentieth century. It highlights the earlier forms of protest from the ancient till the medieval period, which laid the foundations for social protest and dissent in the pre- Ambedkar period.

Course Content

1. Historical Development of caste system
2. Defining the term 'Dalit' and 'Dalit consciousness'
3. Historical Background of Protest
 - i. Early Manifestations- Lokayat, Buddhism, Jainism
 - ii. Medieval Manifestations- Janabai, Chokhamela, Soyarabai, Karmamela, Banka and Bahinabai
4. Non-Dalit Contribution to the Dalit Movement
 - i. Mahatma Phule, Savitribai Phule, Vitthal Ramji Shinde
 - ii. Sayaji Maharaj, Rajarshi Shahu Maharaj
5. Pre-Ambedkar reformers and protest
 - i. Gopal Baba Walangkar
 - ii. Mukta Salve
 - iii. Shivaram Janba Kamble
 - iv. Kisan Faguji Bansode

Select Readings:

English:

1. Ambedkar B. R., '*Castes in India*', *Dr. Babasaheb Ambedkar Writings and Speeches*, Vol. I, Govt. of Maharashtra, Mumbai, 1987.
2. Ambedkar B. R., '*Who were the Shudras*', *Dr. Babasaheb Ambedkar Writings and Speeches*, Vol. VII, Govt. of Maharashtra, Mumbai, 1987.
3. Ambedkar B. R., '*Revolution and Counter Revolution in Ancient India*', *Dr. Babasaheb Ambedkar Writings and Speeches*, Vol. III, Govt. of Maharashtra, Mumbai, 1987.
4. Ambedkar B. R., '*The Untouchables*', *Dr. Babasaheb Ambedkar Writings and Speeches*, Vol. VII, Govt. of Maharashtra, Mumbai, 1987.

5. Ambedkar B. R. 'Annihilation of Caste', Dr. Babasaheb Ambedkar Writings and Speeches, Govt. of Maharashtra, Mumbai, 2013.
6. Channa D. R., 'Slavery in Ancient India', Peoples Publishing House, Delhi, 1960.
7. Eleanor Zelliot. 'From Untouchable to Dalit', Manohar Publishers, New Delhi, 1992.
8. Gail Omvedt, 'Cultural Revolt in Colonial Society', Manohar Publishers, New Delhi, 2011.
9. Gail Omvedt, 'Understanding Caste', Orient BlackSwan, New Delhi, 2011.
10. Gail Omvedt, 'Buddhism in India: Challenging Brahmanism and Caste, Sage Publication.
11. Ghurye G. S., 'Caste and Race in India' Sage Publication, New Delhi, 2016.
12. Jaiswal, Suvira, 'Caste; origin, functions, dimensions and change,' Manohar Publication., Delhi.
13. Jha, Vivekanand, 'Candala: Untouchability and caste in early India,' Primus Books.
14. Kanchalliah, 'God as Political Philosopher, Buddha's Challenge to Brahminism', Samya, Kolkata, 2001.
15. Khane B. D., 'Chhatrapati Shahu's Crusade Against Untouchability', Critical Quest, New Delhi, 2006.
16. Mani Braj Ranjan, 'Debrahmanising History', Manohar Publishers, New Delhi, 2018.
17. Rao Anupama, 'The Caste Question', Permanent Black, New Delhi, 2010.
18. Rosalind O'Hanlon, 'Caste, Conflict and Ideology', Permanent Black, New Delhi, 2002.
19. Sharma R. S., 'Material, Culture and Social Formations in Ancient India', Oxford University Press, 1983.
20. Sharma R. S., 'Shudras in Ancient India', Motilal Banarasidas, New Delhi, 1980.
21. Thapar Romila, 'Ancient Indian Social History', Orient Longman, New Delhi, 1978.
22. Thapar Romila, 'From Lineage to State', Oxford University Press, 1999.
23. Valerian Rodrigues, 'Conversations with Ambedkar 10 Memorial Lectures' Tulika Books, New Delhi, 2019.

Marathi:

1. Atre, Truimbak Narayan, *Gav-Gada*, Mumbai, 1959
2. Bhagat, R.T. (ed.), *Sant Sahitya Ani AndhashraddhaNirmulan*, Chaitanya Prakashan, Kolhapur, 2002
3. Bhagat, R.T. (ed.), *Sant Sahitya Ani Dalit samvedan*, Chaitanya Prakashan, Kolhapur, 2003
4. Gawali, P.A., *PeshwekalinSamajwaJaticha Sangharsh*, Kolhapur, 1982
5. Gawali, P.A., *PeshwekalinGulamgiriwaAsprishyata*, Kolhapur, 1990
6. Kausalyayan, Bhadant Anand, *Manusmriti Ka JalaniGeli?*, Nagpur
7. Keer, Dhananjay, *Mahatma Jyotiba Phule: amchyaSamajKranticheJanak*, Mumbai, 1975

8. Khairmode, ChangdevBhagvanrao, *AsprushanchaLashkariPesha*, Maharashtra Rajya Sahitya SanskritiMandal,Mumabi, 2002.
9. Keer, Dhananjay and Malse, S.G. (ed.), *MahatmaPhule SamagraVangmaya*, Mumbai, 1988
10. Kosare, H.L., *Vidarbhatil Dalit ChalvalishaItihas*, Nagpur, 1984
11. Moon, Vasant, *MadhyaprantVarhadatilAmbedkarpurva Dalit Chalwal*
12. Nawalkar, H.N., *Shivaram JanbaKamble*, Pune, 1930

Semester 1: Elective Course No. 3

Credits: 4

Course Title: HS: EC-3: Art and Architecture in Early India

Objectives

The paper intends to strengthen the understanding of cultural history through the study of forms, techniques, and growth of Indian art and architecture.

Course Content

1. Stone Age Art
2. Bronze Age art And Architecture: proto-historic settlement art and architecture
 - i. Pre-Harappan settlements - Neolithic to Copper age
 - ii. Harappan Age (3500BC - 2000 BC)
3. Early Indian Art and Architecture
 - i. Mauryan art and architecture: Northern India, Eastern India
 - ii. Sunga-Satavahana period art and architecture: Northern India, Eastern India, Western India, South India
 - iii. Saka-Kushana art and architecture: Mathura School, Gandhara School, Amaravati School
4. Classical Indian Art and Architecture
 - i. Gupta art: Mathura style, Sarnath style
 - ii. Vakataka art
 - iii. Early Chalukya art
5. Late Classical Indian Art and Architecture
 - i. Rashtrakuta Art
 - ii. Gurjara-Pratihara art
 - iii. Pallava art
 - iv. Pala art

Select Readings:

English

1. Brown, Percy, *Indian Architecture Buddhist and Hindu period*, Vol. I Bombay 1959
2. Deglurkar, G.B., *Temple Architecture and sculpture in Maharashtra*, Nagpur, 1974
3. Dhawalikar M.K., *Late Hinayan caves of Western India*, Deccan College Post Graduate and Research Institute Pune, 1984.
4. Nagaraju, S., *Buddhist Architecture of Western India*, AgamkalaPrakashan, Delhi, 1981
5. Pramod Chandra, *On the Study of Indian Art*, Horward University Press, Cambridge, 1983.
6. Saraswati, S.K., *A Survey of Indian Sculpture*, Calcutta, 1957
7. Sarkar, H., *Studies in Early Buddhist Architecture of India*, Mumbai, 1966
8. Saundarrajan, K.V., *The Cave Temples of the Deccan*, Archeological Survey of India, 1881, New Delhi
9. Spink, Walter M., *Art of South India/ Deccan*, Delhi 1980

Marathi

1. Mate, M.S., *Prachin Bharatiya Kala*, Pune
2. Upadyaya, B.S. *Bhartiy Kala ka Itihas*, Peoples Publishing House

Semester 1: Elective Course No. 4

Credits: 4

Course Title: HS: EC-4: History of Cinema in India

Objectives

The course is designed to introduce the student to the role of popular culture and cinema in the study of History. It also aims at making the student aware of the social context of film, and its impact on society.

Course Content

1. From 'moving images' to film
 - i. Puppet theatre
 - ii. Shadow images
 - iii. The Lumiere brothers
2. Beginning of Cinema in India
 - i. Early attempts at cinema making
 - ii. DadasahebPhalke
 - iii. Silent Movies
3. Cinema through history
 - i. Major themes in early cinema
 - ii. The Studio system
 - iii. The growth of regional and parallel cinema
 - iv. Technology and cinema - cameras, cinemascope, digitalisation
4. Social dimensions of Films and film making
 - i. Popular Culture and History in Film
 - ii. The 'masala' and the 'art' film
 - iii. Historical themes in film: popularity, controversy, marketability
4. Globalisation of Indian film
 - i. The global reach of Hindi and Indian Language films
 - ii. Film festivals
 - iii. The state and cinema - censor board, documentaries, National Film Archives of India

Select Readings:

1. Bazin, Andre (2005), *What is Cinema? ('Qu'est-ce que le Cinema?')* Hugh Gray (tr.) Volume 1 and 2, University of California Press.
2. Bose, Mihir. (2007), *Bollywood: A History*. London: Tempus.
3. Dawar, Ramesh (2006), *Bollywood: Yesterday, Today, Tomorrow*, Star Publications.
4. Gulzar, Govind Nihalani (2003), *Encyclopedia of Hindi Cinema*, Encyclopedia Britannica (India) Pvt. Ltd, Popular Prakashan.
5. Guru, Mahesh Chandra B.P, Nagarajamurthy, Gundappa and Dileep Kumar, M (2015) *An Overview of Indian Films*, International Journal of English Language, Literature and Humanities, March, ISSN-2321-7065.
6. Kumar, Keval J (2008) *Mass Communication in India*, Jaico Publishing House, Mumbai, Mazumder, Jyotirmoy (2014) A Comprehensive Study on the Marketing Factors of the Recent Bengali Films considering Indian Movie Industry, IJFMS 1(1):10-30.
7. Paramesh, G (1995) *Cinema, Lokashikshana Directorate*, NavasaksharaPustkamale, State Resource Centre, Department of Adult Education, Mysore,
8. Rajadhyaksha, Ashish and Paul Willeman (1994) *Encyclopedia of Indian Cinema*, British Film Institute and Oxford University Press, New Delhi.
9. Ramachandrappa, Baragur (2010) *Globalisation and Cinema, Souvenir*, Platinum Jubilee Celebrations, Karnataka Film Chamber of Commerce, Bangalore,.
10. Robinson, Arthur (1989), *Satyajit Ray: The Inner Eye*. Los Angeles: University of California Press.
11. Stafford, Roy (2006) *Indian Cinema: The World's Biggest and Most Diverse Film Industry*, Corner house, Manchester, UK.
12. Thoraval, Y.V.E.S (2000) *The Cinemas of India*, Macmillian India Ltd, New Delhi,
13. Venkatasubbaiah, G (1996) *Indian Mooki Films*, Prasaraanga, Bangalore University, India.

Semester 1: Elective Course No. 5

Credits: 4

Course Title: HS: EC-5: Gender and Indian History

Objectives

The course is intended to be an introduction to issues and theories of gender, with specific reference to India.

Course Content

1. Defining gender
 - i. Masculinity, Femininity
 - ii. Historiography: special reference to the works of Gerda Lerner, Betty Friedan, Simone de Beauvoir, Uma Chakravarti, Kumkum Roy, Tanika Sarkar
 - iii. Waves of feminism
2. Feminist Approaches: Liberal, Radical, Marxist, Postmodern
3. Caste and gender in India:
 - i. Women in Indian Philosophy
 - ii. Religion and gendered spaces
4. Women in Modern India
 - i. 19th century reform
 - ii. Education
 - iii. Caste movements and role of women
 - iv. National movement and women's role
5. Developments after Independence
 - i. Constitutional guarantees
 - ii. Towards Equality report
 - iii. Globalisation, liberalization and issues of gender

Select Readings:

1. Beauvoir, Simone, *the Second Sex*.
2. Chakravarti, Uma, *Gendering Caste*.
3. Chakravarti Uma, *everyday Lives, Everyday Histories : Beyond the Kings and Brahmanas of 'Ancient' India*, New Delhi, Tulika Books, 2006.
4. Kelkar, Meena and Gangavane, Deepti (ed.), *Feminism in Search of an Identity*.

5. Lerner, Gerda, *On Patriarchy*.
6. Roy, Kumkum (ed.), *Women in early Indian Societies*.
7. V. Geeta, *Patriarchy*, Stree Publication, 2007.
8. Thapar, R., *Shakuntal: Text, Reading and Histories*, Columbia University Press.
9. Sangari, Kumkum and Chakravarti, Uma, *From Myths to Markets*.

Marathi

1. Bhagvat Vidyut, *StrivaadiSamajikVichar*, Diamond Publication
2. Rege Sharmila and Sonalkar Vandana, *Pitrusatta Ani Jativyavstha*, Krantisinh Nana Patil academy.
3. Datar, Chhaya, *Striyanche Nate Jamin Ani Panyashi*, Generic Publication, 2011
4. Deshmukh, Sharda, *Marathekalin ani PeshwaitilStreeJivan*, Anand Prakashan.
5. Bhagvat Vidyut, *StriyancheMarathitilNibandhLekhan*, Sahitya academy.

Semester 1: Elective Course No. 6

Credits: 4

Course Title: HS: EC-6 History of West Asia

Objectives

The course is designed to help the student to understand the geopolitical dimensions of West Asia.

Course Content:

1. West Asia. The Cradle of World Religions

- i. Judaism
- ii. Christianity
- iii. Islam, Islamic State at Madina and its functions.

2. Disputes, Conflicts, and Wars

- i. Territorial Disputes & Its Consequences
- ii. Iraq-Iran War, Gulf War I and Gulf War II
- iii. Growing Influence of the British in the Arabian Peninsula
- iv. Colonial Methods of Creation of Israel, Arab-Israel Dispute & Wars

3. Oil and West Asia

- i. Energy Resources and Supplies
- ii. Oil its Significance and Politico-Economic Aspects
- iii. Oil Production Policies - Oil pricing; International Petroleum Market
- iv. 1973 Oil Crisis and OPEC

4. India's Foreign Policy and West Asia

- i. Strategic and Security Priorities
- ii. Political and Diplomatic Priorities
- iii. Geo-Political and Commercial Priorities
- iv. Post Cold War Shift

Select Readings:

1. Ali, S. Amir, *A Short History of the Saracens*.
2. Blech Benjamin, *Understanding Judaism*

3. Bonne Alfred, *State and Economics in the Middle East: A Society in Transition* Hershlaq Z. Y., Introduction to the Modern Economic History of the Middle East. Cleveland W.L., History of the Modern Middle East.
4. Gonzales Justo, *The story of Christianity*.
5. Issawi Charles, *The Economic History of the Middle East*.
6. Lewis, Bernard, Arabs, *A Short History*. Hitti P.K., History of the Arabs.
7. Majeed Akhtar, *Encyclopaedia of West Asia*.
8. Majeed Akhtar, *West Asia: An Introduction*.
9. Nicholson R.A., *A Literary History of the Arabs*. Fisher, S.N. Middle East: A History.
10. Rodinson Maxim, *Marxism and the Muslim World*.
11. Roy Rosenberg, *A Concise Guide to Judaism*
12. SeikhAzhar, *Prophet Mohamed and His Mission*. Engineer A.A., The Islamic State.
13. Stark Rodney, *The Rise of Christianity*

Semester 1: Elective Course No. 7

Credits: 4

Course Title: HS: EC-7: USA: From Isolation to Hegemony

Objectives

To make the student aware of the background, scope and various trends in U.S. Foreign Policy with a view to interpreting and analysing it and examining its effect on world politics.

Course Content

1. A brief survey of U.S. foreign policy, 1789-1914
 - i. USA and Latin America
 - ii. USA and Japan
 - iii. USA and China
 - iv. US foreign policy, 1901-1914
2. USA and World War I
 - i. Fourteen points of Woodrow Wilson
 - ii. Paris Peace Conference
3. From Isolation to Interventionism
 - i. USA and the League of Nations
 - ii. Washington Conference
 - iii. The Depression Era
 - iv. Pearl Harbour and World War II
4. USA after World War II
 - i. USA and the formation of the UNO
 - ii. Cold War Politics - Africa, Asia, South America
 - iii. The end of the Cold War: unipolar world politics

Select readings:

English

1. Brewster, C., *Seeing American Foreign Policy Whole*, S.G. Wasani, Delhi, 1989.
2. Brokhampton, *Dictionary of World History*, Brokhampton Press, London, 1994.
3. Harres, Owen (ed.), *America's purpose: New vision of U.S. Foreign Policy*, S.G. Wasani, New Delhi, 1991.
4. La Feber, Walter, *America, Russia, and the Cold War, 1945-1990*, Mc-Graw Hill In., 1991.
5. Robinson, W.I., *Prompting Poliarchy : Globalization, US Intervention and Hegemony*, Cambridge University Press, Cambridge, 1996.

Marathi

1. Bhaure, N.G. and Dev Pujari, *Amerikecha Itihas*
2. Kadam, Y.N., *Adhunik Jag*, Phadke Prakashan, Kolhapur, 2001
3. Kothekar, Shanta, *Amerikechya Sanghrajyacha Itihas*, Nagpur
4. Patil, M.P., *Yuddhottar America: Truman te Bush*, Mangal Prakashan, Kolhapur, 2002.

Semester 1: Elective Course No. 8

Credits: 4

Course Title: HS: EC-8: History of Science and Technology in the West

Objectives

The course is specially designed to introduce the student to scientific achievements in various periods of history in the western world; to understand the relationship between science and various forms of technology; to create awareness of the interaction between science and society and the manner in which the spread of scientific knowledge moulded the pattern of human life and thought.

Course Content

1. Defining Science and Technology
2. Science and Technology in Early and Classical civilizations
 - i. Egypt
 - ii. Mesopotamia
 - iii. China
 - iv. Greece
 - v. Rome
3. Medieval Science
 - i. The Church and Science
 - ii. From alchemy to chemistry
 - iii. Experiments in agriculture
 - iv. Emerging texts on science and technology
4. The Copernican Revolution
5. Modern Science and the Scientific Method
 - i. Leonardo da Vinci
 - ii. Galileo
 - iii. Newton
 - iv. Laboratory Science and the growth of industrial technology

6. 20th century developments

- i. Relativism
- ii. Reductionism and Revisionism

Select Readings:

1. Bernal, J.D., *Science in History*, vol., Harmondsworth, 1965.
2. Bhattacharya, S. and Redondi, P. (ed.), *Techniques to Technology*, New Delhi, 1990.
Butterfield, H., *The Origins of Modern Science (1300-1800)*
3. Crombie, A.C., *Augustine to Galileo*, Vol. I.
4. Dampier, W.C. *A History of Science*, Cambridge, 1929.
5. Derry, T.K. and Williams, T.I., *A Short History of Technology*, OUP, 1975.
6. Jeans, James, *The Growth of Physical Science*.
7. Farrington, B., *Greek Science: Thales to Aristotle*.
8. Larsen, Egon, *A History of Invention*.
9. Mason, S.F., *Main Currents of Scientific Thought* Russell, B., *The Impact of Science on Society*.
10. Sarton, G., *A History of Science*.
11. Singer, Charles, *A Short History of Scientific Ideas to 1900*, OUP, 1979.
12. Spangenburg, Ray and Moser, Diane K., *The History of Science*, 5 vols. Universities Press, 1999.
13. Taylor, Sherwood, *A Short History of Science*

Semester 2: Core Paper No. 4

Credits: 4

Course Title: HS: CC - 4: Approaches to History

Objectives

The paper is designed to make the student aware about the various approaches to the discipline of History. With its roots in Indian history, the paper provides a historical review of the salient approaches that have developed over the last few centuries. It is hoped that the student will become aware of the idea that the same set of historical source materials can be interpreted in different ways depending upon the approach one takes in studying them.

Course content

1. Many Worlds of Indian History
 - i. Political, Economic, Social, Cultural Histories
 - ii. Food History, Micro-History, Family History, History and Memory
2. Early Approaches to Historical Sciences-
 - i. Colonial
 - ii. Nationalist
 - iii. Cambridge
 - iv. Marxist
3. Later Approaches to Historical Sciences
 - i. Annales
 - ii. Subaltern
 - iii. Dakar
 - iv. Feminist
4. Recent Developments
 - i. Myths, Folklore, Oral History
 - ii. Textual Criticism
 - iii. Cognitive and Cultural Turn
 - iv. Dalit and Non-Brahminical
 - v. Environmental
 - vi. Digital Turn

Select Readings:

1. Abrams, Lawrence, and Knoblauch, Kaleb, ed., *Historians without Borders: New Studies in Multidisciplinary History*, Routledge, 2018.
2. Elton, Geoffrey, *The Practice of History*, Methuen, 1967.
3. Ferro, Marc, *The Use and Abuse of History*, Routledge, 2003.
4. Sreedharan, E., *A Textbook of Historiography*, Orient Blackswan, 2004.
5. Tamm, Marek, and Burke, Peter, ed., *Debating New Approaches to History*, Bloomsbury, 2014.
6. Woolf, D.R., ed., *A Global Encyclopedia of Historical Writing*, Routledge, 2014.

7. Abrams, Lawrence, and Knoblauch, Kaleb, ed., *Historians without Borders: New Studies in Multidisciplinary History*, Routledge, 2018.
8. Elton, Geoffrey, *The Practice of History*, Methuen, 1967.
9. Ferro, Marc, *The Use and Abuse of History*, Routledge, 2003.
10. Sreedharan, E., *A Textbook of Historiography*, Orient BlackSwan, 2004.
11. Tamm, Marek, and Burke, Peter, ed., *Debating New Approaches to History*, Bloomsbury, 2014.
12. Woolf, D.R., ed., *A Global Encyclopedia of Historical Writing*, Routledge, 2014.

Marathi

- Athavale, Sadashiv, *ItihasacheTattvadnyaan*, PraadnyaPathshala, Wai,. 1986.
- Bagade Umesh, *Dalit JanivancheDvandva*, SugawaPrakasham Pune.
- BagadeUmesh, *MaharashtrateelVargaJatiPrabhtva*, SugawaPrakashan, Pune.
- Bedekar D. K., *Dharmachintan*, LokaVangmayaGruha, Mumbai.
- Bedekar D. K., *Lalit Chintan*, LokaVangmayaGruha, Mumbai.
- Bedekar D. K., *Samaj Chintan*, LokaVangmayaGruha, Mumbai.
- Bhagwat Vidyut, Pratima Pardeshi, AbrahmaniStreevadiItihasaLekhan, SugawaPrakashan, Pune.
- Carr, E.H., (tr. V.G. Lele), *ItihasMhanaje Kay?*, Continental Prakashan, Pune, 1998.
- Dahake, Vasant Abaji, et.al (ed.) *Marathi VangmayeenSandnya- SankalpanaKosh*, G.R Bhatkal Foundation, Mumbai, 2001.
- Deo, Prabhakar, *Itihas: EkaShastra* , Brain Tonic Prakashan, Nashik, 2007
- Feldhaus Anne, *Nadi ani Streetva*, Padmagandha, Pune.
- Gode P. K., *Studies in Cultural History*, 1960.
- *ItihasLekhanaMimansa*, LokaVangmayaGruha, Mumbai. 2010.
- Joshi Laxman Narayan, *MansashanaPaak Siddhi Prayoga*, Mumbai, 1930.
- KasbeRaosaheb, Manavi Jeevan Pravaha Ani Dharma Chintan, SugawaPrakashan, Pune.
- Kosambi Da. Dha., *Purankatha Ani Vastavata*, Lok VangmayaGruha Mumbai.
- Kothekar, Shanta, *Itihas: Tantra ani Tatvadnyana*, Sainath Prakashan, Nagpur, 2005.
- Lonkar Ravindra, *YuropateelArambheechyaVidyapeethancha Uday*, Diamond, Pune. 2019.
- Morje Gangadhar, *Loksahitya: Ek Swatantra Abhyaskshetra*, Dastane, Pune, 1985.
- PatoleShahu, *Anna he Apoornabrahma*, Janashakti, 2015.
- Saatbhai S., *ItihasLekhansahstra*, Vidya Books Publication, 2015.
- Sardesai, B.N., *ItihasLekhan Shastra*, PhadkePrakashan, Kolhapur, 2002.
- Urmila Pawar, *Meenaxi Moon*, AmhihiItihasGhadavila, SugawaPrakashan, Pune.
- WamburkarJaswandi, *ItihasaLekhanateel Nave Pravaha*, Diamond Prakashan, Pune.

Semester 2: Core Course No. 5

Credits: 4

Course Title: HS: CC - 5: Ideas and Institutions in Medieval India

Objectives

The course examines the nature of medieval Indian society, economy, state formations, and the main religious currents of the time. It is seen as a continuation of the course on ancient India. It is also seen to be crucial to an understanding of the nature of society, and the problems of the challenge to that society, through colonialism, at a later stage.

Course content

1. Defining medieval India
2. Sources: Perceptions, Limitations, Range
 - i. Persian sources
 - ii. Regional language sources
 - iii. Foreign sources: Travellers' accounts, European records
3. The state in medieval India: perceptions and practice
 - i. Modern theories of the medieval state: Theocracy, Feudal, Segmentary, Patrimonial-Bureaucratic
 - ii. Medieval Theories of the State: Farabi, Ghazzali, Shukracharya, Barani, Abul Fazl, Ramachandrapant Amatya
 - iii. State formation in peninsular India - Chola, Bahamani, Vijayanagar
4. Administrative Systems
 - i. Central and Provincial
 - ii. Mansabdari
 - iii. Agrarian systems
5. Society and Economy in Medieval India
 - i. Social mobility and Stratification; the emergence of new classes: Administration, agrarian, mercantile
 - ii. Religion and social change - Bhakti and Sufi
 - iii. Trade - internal and external
 - iv. Impact of the arrival of the Europeans

Select Readings

English

1. Alam, Muzaffar and Subrahmanyam, Sanjay, *The Mughal State*, Oxford India Paperbacks, 2000
2. Alavi, Seema (ed.), *The Eighteenth Century in India*, OUP, New Delhi, 2002. Anderson, P., *Passages from Antiquity to Feudalism*, London, 1981.
3. Chandra, Satish, *Medieval India (2 vols.)*, Har-Anand Publications Pvt. Ltd., Third Edition, 2006 (also available in Hindi)
4. Chitnis, K.N., *Aspects of Society and Economy in Medieval India*, Pune, 1979.
5. Habib, I., *Essays in Indian History - Towards a Marxist Perspective*, Tulika, 1995.
6. Hasan, S. Nurul, *Religion, State and society in Medieval India*, Oxford University Press, 2005 Jha, D.N. (ed.), *The Feudal Order*, Manohar Publications, 2002
7. Kulke, H. (ed.), *The State in India, 1000-1700*, OUP, 1997.
8. Marshall, P.J. (ed.), *The Eighteenth Century in Indian History: Evolution or Revolution*, OUP, New Delhi, 2003
9. Mukhia, H., *Perspectives on Medieval India*, Delhi, 1994.
10. Sharma, R.S., *Early Medieval Indian Society: A Study in Feudalisation*, Sangam Books Ltd., 2001

Marathi

1. Chandra Sateesh, *Madhyayugeen Bharat*, 2 Vols.,
2. Chitnis, K.N., *Madhyayugin Bharatiya Sankalpna wa Sanstha*, Bhalchandra Printing Press Pvt. Ltd., Bombay, 3rd Reprint, 2003.30
3. Habib Irfan, *Madhyakalin Bharat*, NBT, Delhi. 2007.
4. Moreland, W.H., *From Akbar to Aurangzeb*, tr. Rajendra Banahatti, *Akbar te Aurangzeb*, Diamond Publications, Pune, 2006.
5. Moreland, W.H., *India at the Death of Akbar*, tr. Sunanda Kogekar, *Akbarkalin Hindustan*, Diamond Publications, Pune, 2006.
6. Pagdi Setumadhavrao, *Sufi Sampraday Tattvadhyaan ani Karya*, Parchure Prakashan, Mumbai. 1953.
7. Sarkar, Jadunath, *Aurangzeb*, tr. S.G. Kolarkar, *Aurangzeb*, Diamond Publications, Pune, 2006.
8. Siddiqui, N.A., *Land Revenue System under the Mughals*, tr. P.L. Saswadkar, *Mughalkalin Mahsul Padhati*, Diamond Publications, Pune, 2006.

Semester 2: Core Paper No. 6

Credits: 4

Course Title: HS: CC - 6: Socio-Economic History of the Marathas

Objectives

The purpose of the course is to study socio-economic history of the Marathas in an analytical way, to acquaint the student with the components of social structure and their functions, to understand the relationship between religion, caste, customs, traditions, class in 17th and 18th century Maratha Society, to enable the student to understand aspects of economic life, to trace the determinants of changes in social and economic life.

Course Content

1. Defining socio-economic history
2. Sources: Perceptions, Limitations, Range
 - i. Literary
 - ii. Foreign
 - iii. Archival
 - iv. Miscellaneous
3. Social institutions
 - i. Village community
 - ii. Social stratification and mobility
 - iii. Caste and community
 - iv. Marriage and family
 - v. Fairs and festivals
 - vi. Education
4. Agrarian System
 - i. Types of land
 - ii. Assessment of land
 - iii. Methods of land revenue collection
5. Trade, Industries and handicraft
 - i. Centres of trade
 - ii. Trade routes
 - iii. Major and minor industries
 - iv. Types of coins
 - v. Banking houses

Select Readings

English

1. Chitnis K.N., *Socio-Economic History of Medieval India*, Atlantic, Delhi, 2002.
2. Chitnis, K. N., *Glimpses of Medieval Indian Ideas and Institutions*; Pune, 1981.
3. Chitnis, K. N., *Socio-Economic aspects of Medieval India*; Pune, 1979.
4. Desai, Sudha, *Social life in Maharashtra under the Peshwas Period*; Bombay, 1980.
5. Desai, Sudha, *Social life in Maharashtra under the Peshwas*, Bombay, 1980
6. Divekar, V. D., *Survey of Material in Marathi on the Economic and Social History of India*.
7. Fukazawa, H., "State and Caste system (jati) in the eighteenth century Maratha Kingdom" in *Integration in India* (ed.); by Sinha, M. R. Bombay, 1971.
8. Fukazawa, H., *Land and peasant in the eighteenth century Maratha Kingdom* Hitotahubashi Journal of Economics; VI (I), P, Pune, 1976.
9. Fukazawa, H., *Rural Servants in the eighteenth Century Maharashtrian Village* :Hitotsubashi Journal of Economics; XII (2), 1972.
10. Gokhale, B. G., *Poona in the Eighteenth Century : An Urban Study*; Oxford, 1987
11. Joshi, S. N. and Bhingare, L. M. (eds.) *Ajnapatra Ani Rajnoti*; Pune, 1960.
12. Kulkarni A.R., *Explorations in the Deccan History*, Pragati & ICHR, Delhi, 2006.
13. Kulkarni A.R., *Maharashtra: Society and Culture*, Books & Books, Delhi, 2000.
14. Kulkarni, A. R., *Maharashtra in the Age of Shivaji*; Pune, 1969.
15. Kulkarni, A.R., *Medieval Maharashtra*, Books and Books, New Delhi, 1996
16. Kulkarni, A.R., *Medieval Maratha Country*, Books and Books, New Delhi, 1996.
17. Kumar, Dharma (ed.), *The Cambridge Economic History of India, Vol. II*, Orient Longman, in association with OUP, Delhi, 2005.
18. Mahajan T.T., *Trade, Commerce and Industries under the Peshwas*, Pointer Publishers, Jaipur, 1989.
19. Mahajan, T. T., *Industry, Trade and Commerce during the Peshwa Period*; Jaipur, 1980.
20. Raychaudhuri, Tapan and Habib, Irfan (ed.), *Cambridge Economic History of India, Vol. I*, Orient Longman, in association with OUP, Delhi, 2005.
21. Wink, Andre, *Land and Sovereignty in India*,

Marathi

1. Avalaskar. S. D., *Nagaon*, GIPE, Pune.
2. Atre, Trimbak Narayan, *Gav-Gada*, Varada, Pune, 1995
3. Bhawe, V.K., *Peshwekalin Maharashtra*, Varada, Pune, 1998.
4. Chapekar, N.G., *Peshwaichya Savlit*, Pune, 1936.
5. Joshi, S.N., *Marathekalin Samaj Darshan*, Anath Vidyarthi Gruha, Pune, 1960.
6. Oturkar, R.V., *Peshwekalin Samajik Vaaarthik Patravavyavahar*, BISM, Pune, 1950.
7. Gavali, P.A., *Peshwekalin Asprushyata*
8. Gavali, P.A., *Peshwekalin Gulamgiri*
9. Gavali, P.A., *Peshwekalin Jatisangharsh*
10. Oturkar, R.V., *Maharashtracha Patrarup Itihas*

Semester 2: Elective Course No. 09

Credits: 4

Course Title: HS: EC - 09: Marathas in 17th and 18th Century: Power Politics

Objectives

The course intends to study the role played by the Marathas in the context of India, the changing nature of Maratha State, to understand and analyse the Maratha expansionism and its significance in various spheres.

Course Content

1. Origin and Basis of Maratha political power
2. Ideologies and Institutions of the Marathas
 - i. Maharashtra Dharma
 - ii. Swarajya
 - iii. Watan
 - iv. Saranjam
3. Nature of Maratha State
 - i. State in the 17th century
 - ii. State in the 18th century
 - iii. Excursus of theories on the state
4. Maratha Confederacy
 - i. Concept
 - ii. Nature
5. Maratha Expansionism
 - a) Conquest and Stay
 - i. Malwa
 - ii. Bundelkhand
 - iii. Gujarat
 - iv. North Karnataka
 - v. Orissa
 - b) Sphere of Influence
 - i. Bengal and Orissa
 - ii. Rajasthan
 - iii. Antarveda
6. Incorporation of Maratha State into colonial state

Select Readings

English

1. Alavi, Seema (ed.), *The Eighteenth Century in India*, OUP, New Delhi, 2002
2. Chandra, Satish, *The Eighteenth Century in India: Its Economy and the Role of the Marathas, the Jats, the Sikhs and the Afghans*, Kolkata, K.P. Bagchi, 1986.
3. Gordon, Stewart, *Marathas, Marauders and State Formation in the 18th century* Kadam, V.S., Maratha Confederacy
4. Marshall, P.J. (ed.), *The Eighteenth Century in Indian History: Evolution or Revolution*, OUP, New Delhi, 2003
5. Ranade M.G., *The Rise of Maratha Power*, Bombay, 1900.
6. Sinh, Raghubir, *Malwa in Transition*.

Marathi

1. Gordon Sewart, (tr. Kulkarni), *The Marathas*, Diamond Publications, Pune, 2018.
2. Khobrekar V.G., *Maharashtracha Itihas, Maratha Kalkhanda Vol. 2 (1707-1818)*, Bombay, 1988.
3. Khobrekar V.G., *Gujaratetil Marathi Rajwat*, Pune, 1962.
4. Kulkarni A.R., Khare G.H. (ed.), *Marathyancha Itihas, Vol. I to III*, Continental, Pune, 1984 (Vol. I), 1985 (Vol. II), 1986 (Vol. III).
5. Sardesai G.S. *Marathi Riyasat: Purva, Madhya, and Uttar vibhag*, Popular, Bombay, 1988.

Semester 2: Elective Course No. 10

Credits: 4

Course Title: HS: EC - 10: Nature of Dalit Movement in Maharashtra

Objectives

The paper is developed to analyze the ideology and organization of the Dalit Movement in Maharashtra. Dr. Babasaheb Ambedkar led the Dalit Movement and achieved many kinds of justices to Dalits. He had to fight against inequality and atrocities imposed due to socio-economic and political structure of Hindu society. He had to fight on various fields at the same time such as political, social, economic, religious etc. The attempt here is to help students to understand the details of the most important and neglected socio-religious reform movement in Maharashtra with its root causes. The paper attempts to help students to understand the ideology of Dr. Babasaheb Ambedkar who was the unchallenged leader of the Dalit Movement.

Course Content

1. Ambedkarism: The Theory of Dalit Liberation- Dr. Babasaheb Ambedkar's Ideology
 - i. Educational Thoughts of Dr. Babasaheb Ambedkar
 - ii. Socio-religious Thoughts of Dr. Babasaheb Ambedkar
 - iii. Political Thoughts of Dr. Babasaheb Ambedkar
 - iv. Economic Thoughts of Dr. Babasaheb Ambedkar
2. Dalit Movement under the leadership of Dr. Babasaheb Ambedkar
 - i. Newspapers: Mooknayak, Bahishkrut Bharat, Janata, Prabuddha Bharat
 - ii. Bahishkrut Hitkarini Sabha, Samaj Samta Sangh and People's Education Society
 - iii. Mahad Satyagraha and Burning of Manusmruti
 - iv. Kalaram Temple Entry Satyagraha
3. The Dalit Movement and Politics
 - i. Southborough Committee on Franchise
 - ii. Simon Commission
 - iii. Round Table Conferences
 - iv. Poona Pact
 - v. Gandhi-Ambedkar Debate
4. Political Development of Dalit Movement
 - i. Independent Labour Party
 - ii. Scheduled Caste federation
 - iii. Republican Party of India

5. Dr. Babasaheb Ambedkar in the Constituent Assembly and as Law Minister of India
 - i. Role of Dr. Babasaheb Ambedkar in making of Indian Constitution
 - ii. Safeguards for Scheduled Castes and Scheduled Tribes
 - iii. Hindu Code Bill
6. The Religious Conversion Movement, 1935-1956
 - i. Announcement of Conversion
 - ii. Conversion to Buddhism
7. Nature of Post-Ambedkarite Dalit Movement: A Brief Survey
 - i. Republican Party of India
 - ii. Karmveer Dadasaheb Gaikwad
 - iii. Dalit Panther
 - iv. Relevance of Dalit Movement
8. Dalit Consciousness and other Modes of Expression
 - i. Dalit Literature
 - ii. Press
 - iii. Ambedkari Jalse
 - iv. Dalit Rangbhumi

Select Readings

English

1. Ambedkar B. R. *'Annihilation of Caste'*, Dr. Babasaheb Ambedkar Writings and Speeches, Govt. of Maharashtra, Mumbai, 2013.
2. Ambedkar B. R., Dr. Babasaheb Ambedkar Writings and Speeches, Vol. II, Govt. of Maharashtra, Mumbai, 1987.
3. Ambedkar B. R., *'Conversion As Emancipation'*, Critical Quest, New Delhi, 2004.
4. Ambedkar B. R., *'Buddha or Karl Marx'*, Dr. Babasaheb Ambedkar Writings and Speeches, Vol. III, Govt. of Maharashtra, Mumbai, 1987.
5. Ambedkar B. R., *'Buddha and His Dhamma'*, Dr. Babasaheb Ambedkar Writings and Speeches, Vol. XI, Govt. of Maharashtra, Mumbai, 1987.
6. Bagade Umesh, *'Ambedkar's Historical Methods'* Critical Quest, New Delhi, 2015
7. Christophe Jeffrelot, *'Dr. Ambedkar and Untouchability'*, Permanent Black, New Delhi, 2005.
8. Eleanor Zelliot, *'From Untouchable to Dalit'*, Manohar Publishers, New Delhi, 1992
9. Eleanor Zelliot, *'Ambedkar's World: The Making of Babasaheb and the Dalit Movement'*, Navayana, New Delhi, 2016.
10. Eleanor Zelliot, *'Ambedkar's Conversion'*, Critical Quest, New Delhi, 2005.
11. Gail Omvedt, *'Dalits And The Democratic Revolution'*, Sage Publications, New Delhi, 2011.
12. Kuber W. N., *'Ambedkar A Critical Study'*, Peoples Publishing House, New Delhi, 1973.

13. Moon Vasant, '*Dr. Babasaheb Ambedkar*', National Book Trust, India, New Delhi, 2002.
14. MukerjeeHitendra Nath, '*Gandhi, Ambedkar and the Extirpation of Untouchability*', Peoples Publishing House, New Delhi, 1984.
15. Patankar Bharat, Gail Omvedt, '*The Dalit Liberation Movement in Colonial Period*', Critical Quest, New Delhi, 2004.
16. Patankar Bharat, '*Contemporary Caste System*', Critical Quest, New Delhi, 2015.
17. Pawar, J.V.,(tr. Yogesh Maiktrey), *Ambedkarite Movement after Ambedkar*, Pnthaer's Paw, Mumbai, 2016.
18. Rege Sharmila, (Selected and Introduced), '*B.R. Ambedkar's Writings on Brahmanical Patriarchy Against the Madness of Manu*', Navayana, New Delhi, 2013.
19. Valerian Rodrigues, '*Dalit-Bahujan Discourse*', Critical Quest, 2008.

Marathi:

1. Atre, Truimbak Narayan, *Gav-Gada*, Mumbai, 1959
2. Bhagat, R.T. (ed.), *Sant Sahitya Ani AndhashraddhaNirmulan*, Chaitanya Prakashan, Kolhapur, 2002
3. Bhagat, R.T. (ed.), *Sant Sahitya Ani Dalit samvedan*, Chaitanya Prakashan, Kolhapur, 2003
4. Dandge, Manorama, *PrachinwaMadhyayuginBharatachaItihas*, Amaravati, 2004
5. Gawali, P.A., *PeshwekalinSamajwaJaticha Sangharsh*, Kolhapur, 1982
6. Gawali, P.A., *PeshwekalinGulamgiriwaAsprishyata*, Kolhapur, 1990
7. Kausalyayan, Bhadant Anand, *Manusmriti Ka JalaniGeli?*, Nagpur
8. Keer, Dhananjay, *Mahatma Jyotiba Phule: amchyaSamajKranticheJanak*, Mumbai, 1975
9. Khairmode, ChangdevBhagvanrao, *Dr. Bhimrao Ramji AmbedakarCharitra*, Vols. 1-9, Mumbai
10. Keer, Dhananjay and Malse, S.G. (ed.), *MahatmaPhule SamagraVangmaya*, Mumbai, 1988
11. Kosare, H.L., *Vidarbhatil Dalit ChalvalishaItihas*, Nagpur, 1984
12. Moon, Vasant, *MadhyaprantVarhadatilAmbedkarpurva Dalit Chalwal*
13. Nawalkar, H.N., *Shivaram JanbaKamble*, Pune, 1930
14. Phadke, Bhalchandrt, *Dr. Babasaheb Ambedkar*, Pune 1985.
15. Vaidya, Prabhakar, *Dr. Babasaheb Ambedkar ani Tyancha Dhamma*, Mumbai, 1989.

Semester 2: Elective Course Paper No. 11

Credits : 4

Course Title: HS: EC- 11: History of Medieval Deccan: Rashtrakuta to Deccan Sultanate

Objectives

The course aims at making the student aware of the developments in the region, and to locate the history of Medieval Deccan in the context of regional history.

Course Content

1. Rashtrakuta period
 - i. Sources
 - ii. Reconstructing political history
 - iii. Religion, Society and Economy
 - iv. Cultural Legacy: Kailasha Temple
2. Yadav period
 - i. Sources
 - ii. Political conflict with Delhi Sultanate
 - iii. Religion, Society and Economy
 - iv. Cultural Legacy: Mahanubhaav
3. Reddy and Faruqui Period
 - i. Sources
 - ii. Reconstructing Political History
 - iii. Religion, Society and Economy
 - iv. Cultural Legacy: Kondaveedu Fort and Faruqui Textiles and Urban Centers
4. Vijayanagar period
 - i. Sources
 - ii. Nature of State: Segmentary state model
 - iii. Economy and Merchant guilds
 - iv. Cultural Legacy: Hampi
5. Bahamani and Deccan Sultanate period
 - i. Sources
 - ii. Political Factions
 - iii. Religion, Society and Administration,
 - iv. Cultural Legacy: Domes and Qanat, Dakkhani Language

Select Readings

1. Altekar, AS, *The Rashtrakutas and their Times*, Oriental Book Agency, Poona, 1934
2. Bhandarkar, RG, *Early History of, the Deccan down to the Muhammadan conquest*, Bombay, 1884.
3. Desai, P.B. (ed.), *A History of Karnatak*, 1970.

4. Gopal, BR, *The Rashtrakutas of Malkhed, Studies in their History and Culture*, Geetha Book House, Mysore, 1994
5. Heras, H., *The Aravindu Dynasty of Vijaynagar*; Madras, 1927.
6. Husain Agha M., *Khandesh in New Light*; 1963.
7. J. N. Chaudhary-*Malik Amber*.
8. Kulkarni, A.R., (ed.), *Medieval Deccan*, P.M. Joshi Felicitation volume, 2003.
9. Majumdar, RC (ed.), *The Classical Age*, Bharatiya Vidya Bhawan, Bombay, 1954
10. Narasimha Murthy, AV, *The Sevunas of Devagiri*, Mysore, 1971.
11. Nilkanta Sastry, K. A., *A History of South India*; 4th Edition Delhi, 1976.
12. Nizami, K.A., *A Comprehensive History of India*, Vol. V., Delhi, 1970 .
13. R. Sewell, *Forgotten Empire*; New Delhi, 1980.
14. RadheyShyam, *The Kingdom of Ahmednagar*, Motilal Banarsidas, Delhi, 1966
15. Ramsharma M. H., *The History of the Vijaynagar Empire; Vol. I and II* Bombay, 1978
16. Sarma, Somsekara, *History of Reddi Kingdoms*, Andhra University, 1946.
17. Sherwani, H.K., and Joshi, P.M., (ed.) *History of Medieval Deccan*, Vol. I and II, Hyderabad
18. Sherwani, H.K., *Cultural Trends in Medieval India*, Asia Publishing House, Bombay, 1968
19. Sherwani, H.K., *The Bahmanis of the Deccan*, Hyderabad, 1953.
20. Shyam, Radhey, *The Kingdom of Khandesh*, Idarah-i-Adabiyat-i-Delli, Delhi.
21. Singh, Upinder, *A History of Ancient and Early Medieval India*, Pearson Publication, New Delhi, 2016
22. Sinha, S. K., *Medieval History of the Deccan; Vol. I*, Bahamins, Hyderabad, 1964.
23. Varma, O.P., *The Yadavas and their Times*; Nagpur, 1970.
24. W. Haig, *Historical Landmarks of the Deccan*; Allahabad, 1907.
25. Yazdani, G, *Early History of the Deccan*, OUP, 1982

Marathi

1. Bendre.V.S. *Ahmadnagarchi Nizamshahi*. BISM, Pune. 1934.
2. Bendre V. S. *Govalkondyachi Qutbshahi*, BISM, Pune. 1934
3. Bendre V. S. *Vijapurchi Adilshahi*, Mumbai. 1968.
4. *Gazetteer of Ancient Maharashtra*, Maharashtra State Gazetteers, Mumbai, 2003.
https://gazetteers.maharashtra.gov.in/cultural.maharashtra.gov.in/english/gazetteer/list_state1.html
5. Mahajan, T.T., *Khandeshcha Samajik v Sanskritik Itihas*.
6. Mahajan V. D., *Prachin Bharat ka Itihas*, S. Chand, Delhi.
7. Panase M. G., *Yadavkalin Maharashtra*, Mumbai Marathi Grantha Sangrahalaya 1963.
8. Sardesai G. S., *Musalmani Riyasat*, Ganesh Mahadeo & Co. Pune. 1927.
9. Tripathi Ramprasad, *Vijaynagar Samrajya ka Itihasa*, Bangal Hindi Mandal.

Semester 2: Elective Course No. 12

Credits: 4

Course Title: HS: EC - 12: Art and Architecture in Medieval India

Objectives

The paper intends to strengthen the understanding of cultural history through the study of forms, techniques, and growth of Indian art and architecture. This paper is a continuation of the earlier paper on art and architecture.

Course Content

1. Developments in architectural styles and techniques
 - a) Dravida
 - b) Nagara
 - c) Vesara
 - d) Hemadpanthi
2. Regional developments in art and architecture
 - a) North India
 - i. Paramara
 - ii. Chandela
 - b) Western India
 - i. Chalukya, Solanki
 - ii. Western Indian Manuscript Painting
 - c) Eastern India
 - i. Pala
 - ii. Konark
 - iii. Gaur-Pandua
 - d) South India
 - i. Chola
 - ii. Pandya
 - iii. Hoysala
 - iv. Vijayanagar
 - v. Kakatiya

3. Art and Architecture under the Sultanates

- a) Delhi
 - i. Qutb Complex
 - ii. Seven cities of Delhi
- b) Regional styles
 - i. Deccan
 - ii. Gujarat
 - iii. Malwa
 - iv. Rajasthan
 - v. Bengal

4. Mughal Art and Architecture

- a) Developments in Architectural forms: Fort, Mosque, Tomb
- b) Painting
 - i. Miniature
 - ii. Composite
 - iii. Manuscript
 - iv. Artists
 - v. Schools of Art
 - vi. European influence

5. 18th century developments in art and architecture

- a) Painting - Rajasthani, Deccan, Kangra, Baramahi, Ragamala
- b) Architecture- i. Observatories - Jantar Mantar ii. European style

Select Readings

1. Brown, Percy, *Indian Architecture (Islamic period)*, Vol. 2, Bombay, 1964.
2. Brown, Percy, 'Monuments of the Mughul Period', Cambridge History of India, Vol. IV, Cambridge, 1937.
3. Brown, Percy, *Indian Painting under the Mughals, A.D. 1550-1750*, Oxford, 1924. Barrett, D. & Gray, B., *Paintings of India*, Lausanne, 1963.
4. Fergusson, J., *History of Indian and Eastern Architecture*, Revised by J. Burgess and Phene Spiers, 2 Vols., London, 1910.
5. Krishnadasa Rai, *Mughal Miniatures*, New Delhi, 1955.
6. Mehta, N.C., *Studies in Indian Paintings*, Bombay, 1926.
7. Saraswati, S.K., *Glimpses of Mughal Architecture*, Calcutta, N.D.

Marathi

1. Mate Madhukar Shripad, *Bharateeya Kala Ani Sthapatya*,
2. Mate Madhukar Shripad, *Madhyayugeen Sthapatya Kala*,
3. Mate Madhukar Shripad, *Prachin Kala Bharati*, Continental Prakashan, Pune.
3. Vajpeyi Krishna Datta, *Bharateeya Vastukala ka Itihas*, Hindi Samiti, Lucknow.

Semester 2: Elective Course No. 13

Credits: 4

Course Title: HS: EC - 13: Economic History of Medieval India

Objectives

The paper is designed to help understand the nature, structure and potential of Medieval Indian economy.

Course Content

1. Defining economic history

2. Agrarian systems

- i. Early medieval systems: land grants
- ii. Agrarian systems of the sultanate: land revenue policies, the iqta system
- iii. Mughal land revenue systems
- iv. Jagirdari system, the zamindars

3. Trade

- i. Intra-regional, inter-regional, external trade
- ii. Trade routes
- iii. Banjaras and internal trade
- iv. The south Indian guilds
- v. Impact of the Europeans
- vi. Currency and banking, hundis
- vii. Urbanisation

4. Industries

- i. Textile Industry
- ii. Dyeing industry
- iii. Saltpetre industry

5. Taxation

- i. Customs duties
- ii. Tolls

English

1. Champakalakshmi, R., *Trade, Ideology and Urbanisation*, Delhi, 1999.
2. Curtin, P., *Cross-Cultural Trade in World History*, Cambridge, 1984
3. Das Gupta, A. and Pearson, M.N., *India and the Indian Ocean, 1500-1800*, Calcutta, 1987
4. Habib, I. and Raychaudhuri, T., *Cambridge Economic History of India*, Vol. I, 1982.
5. Habib, I., *Agrarian System of Mughal India*, revised edition, Delhi, 1999.
6. Moreland, W.H., *Agrarian System of Moslem India*, Delhi, 1968.
7. Subrahmanyam, S., *Political Economy of Commerce, Southern India, 1550-1650*, Cambridge University Press, 1990.

Marathi

1. Chitnis, K.N., *MadhyayuginBharatiyaSankalpana wa Sanstha*, Bhalchandra Printing Press Pvt. Ltd., Bombay, 3rd Reprint, 2003.
2. Moreland, W.H., *From Akbar to Aurangzeb*, tr. Rajendra Banahatti, *Akbar te Aurangzeb*, Diamond Publications, Pune, 2006.
3. Moreland, W.H., *India at the Death of Akbar*, tr. Sunanda Kogekar, *AkbarkalinHindustan*, Diamond Publications, Pune, 2006.
4. Sarkar, Jadunath, *Aurangzeb*, tr. S.G. Kolarkar, *Aurangzeb*, Diamond Publications, Pune, 2006.
5. Siddiqui, N.A., *Land Revenue System under the Mughals*, tr. P.L. Saswadkar, *MughalkalinMahsulPadhati*, Diamond Publications, Pune, 2006.

Semester 2: Elective Course No. 14

Credits: 4

Course Title: HS: EC - 14: East Asia: China, 1900 - 2000

Objectives

The course is specially designed to help the student to know Chinese history; China's relation with other powers; China's economic and military resurgence; and the impact of all this on world politics.

Course content

1. China in the 19th century: a brief survey
2. The Nationalist Revolution and early 20th century political developments
 - i. Sun-Yat Sen
 - ii. Chiang Kai-Shek and Kuomintang
 - iii. The Chinese Communist Party
3. China from 1949 till 2000
 - i. Establishment of the Communist Republic of China
 - ii. Establishment of the People Republic of China
 - iii. Cultural Revolution
 - iv. Liberalization of Economy
 - v. Pro-Democracy Movements - Tiananmen incident
4. Chinese Foreign Policy
 - i. USA
 - ii. USSR
 - iii. India
 - iv. Taiwan
 - v. Japan
5. Modernisation of China
 - i. Agriculture
 - ii. Science and Technology
 - iii. Industry
 - iv. Military

Select readings.

1. Choneaux , Jean, *China- The People's Republic*, Harvester Press, 1979.
2. Fairbank John King and Goldman Mesle, *China : A New History*, New Delhi
3. Fitzgerald, C.P., *The Birth of Communist China*, Pelican books, 1971.
4. Hsiu Emmanuel, *The Rise of Modern China*
5. McAleavy, B., *Modern History of China* Snow, Edgar, Red Star over China
6. Walker , R.L., *China under Communism*, London, 1956.

Hindi

1. Varma, Girijashankar, *Adhunik Chin ka Itihas*, Abhinav Bharti Granthmala, Kolkata.

Semester 2: Elective Course No. 15

Credits: 4

Course Title: HS: EC-15: History of Southeast Asia

Objectives

To enable the student to understand the historic and the current global context of Southeast Asia.

Course Content

1. Defining the region in history and geography
2. A brief survey of the pre-Colonial political history
3. Culture and Society
 - i. Impact of religion and its diffusion
 - ii. Ethnic and religious minorities
 - iii. Migration patterns
4. Nationalism and anti-colonial movements
5. Post-colonial developments: Southeast Asia and the Global economy

Select Readings:

1. Barlow, Colin, ed., *Institutions and Economic Change in Southeast Asia: The Context of Development from the 1960s to the 1990s*, Edward Elgar, 1999
2. Reid, Anthony, *Southeast Asia in the Age of Commerce*, 2 volumes, Yale, 1988

Semester 2: Elective Course No. 16

Credits: 4

Semester II- HS: EC-16 History of Science and Technology in India

Objectives

The paper aims to acquaint the student with the scientific attitudes nurtured and developed by Indian scientists through the ages. It is hoped that the student will learn to analyse the philosophical background of science, its implications in terms of technology and to assess the role of scientific progress in the process of modernisation of India.

Course Content

1. Early Indian attitudes towards Science and Technology
 - i. Astronomy
 - ii. Mathematics
 - iii. Medicine
 - iv. Technology : Metallurgy, Architecture and craft
2. Medieval Indian attitudes towards Science and Technology
 - i. Astronomy : Sawai Jaisingh
 - ii. Medicine
 - iii. Technology : Agriculture, Textile, Metallurgy, paper making
3. Colonial attitudes towards Science and Technology
 - i. Colonial Knowledge
 - ii. Colonial Policies and Indian Responses
 - iii. Science and Technology in popular media
4. Independent India's attitudes towards Science and Technology
 - i. Nehruvian Era
 - ii. Atomic Energy- BARC
 - iii. Indian Institutes of Technology
 - iv. Hydro-Electric Power Generation
 - v. Green Revolution
 - vi. ISRO
 - vii. The Konkan Railway

Select Readings:

1. Bag A. K. (ed.) *History of Technology in India; Vol I*, New Delhi, 1997.
2. Barnett L. D. *Antiquities of India*.
3. Bose, D.M., Sen, S.N. and Subbarayappa, B.V. (eds.), *A concise History of Science in India*, New Delhi, 1971.
4. Chattopadhyay D. P., *History of Science and Technology in Ancient India - The Beginning* Calcutta, 1986.
5. Chattopadhyay D. P., *History of Science and Technology in Ancient India-II* - Calcutta, 1991.
6. DagliVadilal, *Science and Technology in India*; New Delhi, 1982.
7. Deepak Kumar, *Technology and the Ray*.
8. Dharampal, *Indian Science and Technology in the 18th Century*; Delhi, 1971.
9. Dutt R. C., *A History of Civilization in Ancient India*.
10. Garratt G. T., *The legacy of India*.
11. Gupta S. P., *Modern India and Progress in Science and Technology*; Delhi, 1979.
12. Habib, I., *Technology in Medieval india 650-1750*, Tulika Books.
13. Jaggi O. P., *Scientists of Ancient India*, Delhi, 1969.
14. Jaggi, O.P., *Dawn of Indian Science*, Delhi, 1969.
15. Jaggi, O.P., *Dawn of Indian Technology*, Delhi, 1969.
16. Kumar, Deepak, *Science and the Raj (1857-1905)*, OUP, 2000.
17. Nanda B. R., *Science and Technology in India*; New Delhi, 1977.
18. Ray, P.C., *The History of Hindu Chemistry*, Cosmo Publication.
19. Ray A. And Bayrchi S. K., *Technology in Ancient and Medieval India*; Delhi, 1986.
20. Ray, A and Bagchi, S.K. (eds.), *Technology in Ancient and Medieval India*, Delhi, 1986.
21. S. Mohan and Ashok Jain, *Science and Technology*; New Delhi, 1999.
22. Sarkar Benoy Kumar, *Hindu Achievements in Exact Sciences*; 1918.
23. Satya Prakash, *Founders of Sciences in Ancient - India*.
24. Seal Brajendranath, *The Positive Sciences of the Ancient Hindus*, London, 1958.
25. Singh V. B., *Economic History of India*; Bombay, 1965.

Marathi And Hindi

1. Muley Gunakar, *BhartiyVidyan Ki Kahani*, RaajkamalPrakashan, Delhi.
2. Muley, Gunakar, *Prachin Bharat Kemahanvaidyanik*, RajkamalPrakashan, 2011
3. Dixit Raja, *EkonisavyaShatakatiVijnyanvishayakLikhan*, SPPU, 2018.
4. Ashokan, M.S., *MetromanShreedharan*, tr. (Marathi) Avadhoot Dongare, Rohan Pub;ication.

इंदापूर तालुका शिक्षण प्रसारक मंडळाचे
कला, विज्ञान आणि वाणिज्य महाविद्यालय इंदापूर, जि.पुणे
विद्यार्थी सूचना

महाविद्यालयातील वरीष्ठ विभागातील सर्व शाखा मधील विद्यार्थ्यांना सूचित करण्यात येते की विद्यार्थी विकास मंडळ व सांस्कृतिक विभाग यांच्या संयुक्त विद्यमाने उद्या दि ०३/०१/२०२४ रोजी सावित्रीबाई फुले यांच्या जयंतीनिमित्त अभिवादन कार्यक्रमाचे आयोजन रूम नं २७ मध्ये करण्यात आले आहे. तरी सकाळी १०.३० वा कार्यक्रम स्थळी वेळेत उपस्थित रहावे .

सांस्कृतिक विभाग प्रमुख
कला, विज्ञान आणि वाणिज्य महाविद्यालय
इंदापूर, जि.पुणे



डॉ.जीवन सरवदे
प्राचार्य
कला, विज्ञान आणि वाणिज्य
महाविद्यालय, इंदापूर, जि.पुणे

कला विज्ञान आणि वाणिज्य महाविद्यालय इंदापूर, जि. पुणे

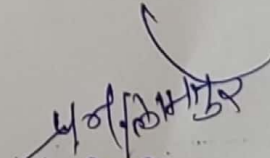
विद्यार्थी विकास मंडळ व सांस्कृतिक विभाग आयोजित

सावित्रीबाई फुले जयंती कार्यक्रम: अहवाल शैक्षणिक वर्ष 2023 -24

दि. 03 /01 /2024 रोजी सावित्रीबाई फुले यांच्या जयंती निमित्ताने सांस्कृतिक विभागाकडून कार्यक्रमाचे आयोजन करण्यात आले होते. या कार्यक्रमाचे प्रमुख वक्ते महाविद्यालयाचे प्राचार्य डॉ.जीवन सरवदे हे होते. तर कार्यक्रमाचे अध्यक्ष प्रा. भिमाजी भोर सर हे होते. या कार्यक्रमाचे प्रास्ताविक संस्कृतीक विभाग प्रमुख डॉ. प्रजा लामतुरे यांनी केले. महाविद्यालयाचे प्राचार्य सरवदे सर यांनी सावित्रीबाई फुले यांच्या आयुष्यातील काही निवडक पैलूवर प्रकाश टाकला. विद्यार्थ्यांना मार्गदर्शन करताना ते म्हणाले "बिकट अशा परिस्थितीतही सावित्रीबाई फुले यांनी सनातन व्यवस्थेशी लढा देत महिलांना शिक्षणाचे द्वारे खुली केली. आज त्याचे फलित म्हणून मोठ्या संख्येने महिला आणि विद्यार्थिनी शिक्षणाच्या क्षेत्रामध्ये कार्यरत आहेत. त्यांच्याकडून विद्यार्थ्यांनी प्रेरणा घेणे गरजेचे आहे. तर अध्यक्षीय भाषणात प्रा. भोर सर यांनीही फुले दांपत्याच्या जीवनावर अप्रकाशित अशा त्यांच्या पैलूवर प्रकाश टाकला. या कार्यक्रमाप्रसंगी महाविद्यालयातील श्वेता कुदळे या विद्यार्थिनींनी आपले मनोगत व्यक्त केले.

कार्यक्रमाचे सूत्रसंचालन या ऐश्वर्या देशमुख विद्यार्थिनीने केले. तर कार्यक्रमाचे आभार दीक्षा मुसळे या विद्यार्थिनींनी मांडले. सदर कार्यक्रमाला प्रा.राजाराम गावडे प्रा. चितारे सर, प्रा. राजकुमार शेलार, प्रा. सीताबाई पवार, प्रा. विद्या गायकवाड, प्रा. जयश्री गटकळ या व इतर अनेक प्राध्यापक व विद्यार्थी उपस्थित होते. श्वेता कुदळे व योगिता पवार या विद्यार्थिनींनी मार्कंड सोनाली या विद्यार्थिनींनी आपले मनोगत व्यक्त केले. प्रा. मृदुल गायकवाड यांनीही सावित्रीबाईंच्या जीवनावर अनमोल असा प्रकाश टाकला.




सांस्कृतिक विभाग प्रमुख
कला, विज्ञान आणि वाणिज्य महाविद्यालय
इंदापूर, जि. पुणे

इंदापूर तालुका शिक्षण प्रसारक मंडळाचे
कला, विज्ञान आणि वाणिज्य महाविद्यालय इंदापूर, जि.पुणे
विद्यार्थी विकास मंडळ व सांस्कृतिक विभाग आयोजित

“सावित्रीबाई फुले जयंती”

(Attendance)

दि:- 03/12/23

अ क्र	नाव	वर्ग	सही
1)	मोदी रमेश विनायक	T.Y.B.A	<u>Sel</u>
2)	हाऊस निरंजना हांगल	T.Y.B.A	N.A.Ghangale
3)	सखदे दिक्षा वालासाहेब	F.Y.BA	<u>Pranavale</u>
4)	साबळे दिक्षा निरंज	F.Y.B.A	<u>P.J.Sabale</u>
5)	करे प्रेरणा रमेश	F.Y.B.A	<u>Pr</u>
533	शुती स्वामंत कांबळे	F.Y.B.A	S.H.Kamble
6)	निंबळकर शर्मिष्ठा प्रभाकर	T.Y.BA	<u>Shrinita</u>
7)	कोळाले लीला भाऊजी	T.Y.B.A	<u>Nehale</u>
8)	मोदी अमृता दिपक	T.Y.B.A	<u>Amrita</u>
9)	सिध्दी दशरथ पामणे	T.Y.B.A	<u>Shruti</u>
10)	प्रतिष्ठा नानासा नमपड	T.Y.B.A	P.N.Namwade
11)	भारती स्वंतोष मोदळे	T.Y.BA	A.S.modke
12)	सुमन लडकुला अशोक	T.Y.B.A	<u>Sumanale</u>
13)	माने पायल नागेश	F.Y.BSC	<u>Royal</u>
14)	सिराळ साक्षी चंद्रकांत	F.Y.BSC	<u>Sirale</u>
15)	जाधव क्षायशी रमेश	F.Y.BSC	<u>Adhar</u>
16)	गायकवाड कजय संतय	F.Y.BSC	<u>Gaikwad</u>
17)	गायकवाड छनफ्री दादासा	F.Y.BSC	<u>D.Gaikwad</u>
18)	जाधव वैष्णवी श्रीपती	F.Y.BSC	<u>Shachi</u>



प्रदीपामातुड
सांस्कृतिक विभाग प्रमुख
कला, विज्ञान आणि वाणिज्य महाविद्यालय
इंदापूर, जि.पुणे



GPS Map Camera

Indapur, Maharashtra, India

428H+HRF, Indapur, Maharashtra 413106, India

Lat 18.116079°

Long 75.030081°

03/01/24 11:23 AM GMT +05:30

Google

कला विज्ञान आणि मुलींचे महाविद्यालय इंदापूर

महिला सबलीकरण समिती व

सांस्कृतिक विभाग आयोजित

युवतींसाठी आरोग्य मार्गदर्शन

कार्यक्रम अहवाल
श्री. वर्ष 2023-2024

दि. 17 ऑगस्ट 2023 रोजी उपरोक्त कमिटीकडून सदर कार्यक्रमाचे आयोजन करण्यात आले होते. इंदापूर तालुका शिक्षण प्रसारक मंडळाचे अध्यक्ष आदरणीय हर्षवर्धनजी पाटील साहेब यांच्या वाढदिवसाच्या निमित्ताने विद्यार्थिनींचे आरोग्य व विद्यार्थिनींना आरोग्य पर तज्ञ डॉक्टरांचे मार्गदर्शन व्हावे या उद्देशाने सदर कार्यक्रमाचे आयोजन करण्यात आले होते. इंदापूर शहरातील नामांकित श्री रोग तज्ञ डॉ. कल्पना खाडे व डॉ. ठोंबरे यांनी विद्यार्थिनींना उत्तम असे मार्गदर्शन केले. अगदी वयात येण्यापासून ते वृद्धावस्थेपर्यंत स्त्रियांनी आपल्या शरीराची काळजी कशा पद्धतीने घ्यावी, सकस आहार कसा घ्यावा व आपल्या शरीराची कशा पद्धतीने निगा राखावी, स्त्रियांचे वेगवेगळे आजार कोणते आहेत या अनुषंगाने कल्पना खाडे यांनी सुंदर असं मार्गदर्शन विद्यार्थिनींना केलं.

तर डॉक्टर धायगुडे यांनीही आयुर्वेदामध्ये श्री संरक्षणासाठी, श्री आरोग्य संवर्धनासाठी कोणकोणत्या उपाययोजना सांगितलेले आहेत याचं मार्गदर्शन विद्यार्थिनींना केलं. सदर कार्यक्रमासच्या प्रमुख पाहुण्या आदरणीय अंकिता ताई पाटील या होत्या. त्यांनीही विद्यार्थिनींना जागतिकीकरणाच्या रेट्यामध्ये स्त्रियांनी करियर करता करता आपल्या आरोग्याकडेही कसे लक्ष देणे आवश्यक आहे हे उदाहरण देऊन स्पष्ट केल्या.

सदर कार्यक्रमाचे प्रास्ताविक सांस्कृतिक विभाग प्रमुख डॉ. प्रज्ञा लामतुरे यांनी केले. पाहुण्यांचा परिचय प्रा. मनीषा गायकवाड यांनी करून दिला. तर कार्यक्रमाचे सूत्रसंचालन प्राध्यापकां मृदुल गायकवाड यांनी केले आणि कार्यक्रमाचे आधार आभार प्रा. कल्पना भोसले यांनी मांडले

सदर कार्यक्रमाला कनिष्ठ व वरिष्ठ महाविद्यालयातील सर्व महिला प्राध्यापक वर्ग उपस्थित होता. विद्यार्थिनींचा उत्तम असा प्रतिसाद लाभला. कार्यक्रम यशस्वी

करण्यामध्ये शारीरिक शिक्षण प्रमुख डॉक्टर भरत भुजबळ कनिष्ठ महाविद्यालयाचे प्राचार्य दत्तात्रय गोळे व इतरही प्राध्यापकांचे मोलाचे सहकार्य लाभले. सदर कार्यक्रमाला महाविद्यालयाचे प्राचार्य डॉ. जीवन सरोदे यांनी मार्गदर्शन केल्यामुळे सदर कार्यक्रम यशस्वीरित्या पार पडला.



प्र. लामतुरे
डॉ प्रजा लामतुरे

सांस्कृतिक विभाग प्रमुख
कला, विज्ञान आणि वाणिज्य महाविद्यालय
इंदापूर, जि. पुणे



Indapur, Maharashtra, India

Shop No. 52 College Shopping Centre, Indapur, Maharashtra 413106, India

Lat 18.115885°

Long 75.030678°

14/08/23 10:46 AM GMT +05:30

Savitribai Phule Pune University, Pune
For All faculties

**2 credit Compulsory course for all the First Year students in All
Faculties**

Democracy, Election and Governance

Objectives:

1. To introduce the students meaning of democracy and the role of the governance
2. To help them understand the various approaches to the study of democracy and governance

Module 1 Democracy- Foundation and Dimensions

- a. Constitution of India
- b. Evolution of Democracy- Different Models
- c. Dimensions of Democracy- Social, Economic, and Political

Module 2 Decentralization

- a. Indian tradition of decentralization
- b. History of panchayat Raj institution in the lost independence period
- c. 73rd and 74th amendments
- d. Challenges of caste, gender, class, democracy and ethnicity

Module 3 Governance

- a. Meaning and concepts
- b. Government and governance
- c. Inclusion and exclusion

References:

1. Banerjee-Dube, I. (2014). *A history of modern India*. Cambridge University Press.
2. Basu, D. D. (1982). *Introduction to the Constitution of India*. Prentice Hall of India.
3. Bhargava, R. (2008). *Political theory: An introduction*. Pearson Education India.

4. Bhargava, R., Vanaik, A. (2010) *Understanding Contemporary India: Critical Perspective*. New Delhi: Orient Blackswan.
5. Chandhoke. N., Proyadardhi.P, (ed) (2009), '*Contemporary India: Economy, Society, Politics*', Pearson India Education Services Pvt. Ltd, ISBN 978-81-317-1929-9.
6. Chandra, B. (1999). *Essays on contemporary India*. Har-Anand Publications.
7. Chatterjee, P. (1997). *State and Politics in India*.
8. Dasgupta. S., (ed) (2011), '*Political Sociology*', Dorling Kindersley (India) Pvt. Ltd., Licensees of Pearson Education in south Asia. ISBN: 978-317-6027-7.
9. Deshpande, S. (2003). *Contemporary India: A Sociological View*, New Delhi: Viking Publication.
10. Guha, R. (2007). *India After Gandhi: The History of the World's Largest Democracy*, HarperCollins Publishers, New York.
11. Guha, R. (2013). *Gandhi before India*. Penguin UK.
12. Jayal. N.G. (2001). *Democracy in India*. New Delhi: Oxford University Press.
13. Kohli, A. (1990). *Democracy and discontent: India's growing crisis of governability*. Cambridge University Press.
14. Kohli, A., Breman, J., & Hawthorn, G. P. (Eds.). (2001). *The success of India's democracy* (Vol. 6). Cambridge University Press.
15. Kothari, R. (1989). *State against democracy: In search of humane governance*. Apex Pr.
16. Kothari, R. (1970). *Politics in India*. New Delhi: Orient Blackswan.
17. Kothari, R. (1995). *Caste in Indian politics*. Orient Blackswan.
18. Sarkar, S. (2001). *Indian democracy: the historical inheritance. the Success of India's Democracy*, 23-46.

मराठी संदर्भ ग्रंथ:

१. राही श्रुती गणेश., आवटे श्रीरंजन, (२०१९), '*आपलं आयकार्ड*', सुहास पळशीकर द युनिक अकॅडमी पब्लिकेशन प्रा.लि.,.
२. व्होरा राजेंद्र., पळशीकर, सुहास.(२०१४). *भारतीय लोकशाही अर्थ आणि व्यवहार*. पुणे : डायमंड प्रकाशन.
३. सुमंत, यशवंत.(२०१८). *प्रा. यशवंत सुमंत यांची तीन भाषणे*. पुणे : युनिक अकॅडमी पब्लिकेशन्स प्रा.लि
४. भोळे. भा.ल. (२०१५). *भारतीय गणराज्याचे शासन आणि राजकारण*. नागपूर: पिंपळापुरे बुक प्रकाशन
५. कसबे. रावसाहेब. (२०१०)डॉ. आंबेडकर आणि भारतीय राज्यघटना. पुणे: सुगावा प्रकाशन

Savitribai Phule Pune University

HISTORY

M.A. SYLLABUS FOR SEMESTER AND CREDIT PATTERN(M.A.PartI)

(From June 2019)

Rules and Regulations

General Information:

- The M.A. degree will be awarded to students who complete a total of 64 credits in a minimum of two years taking four courses per Semester (4X4=16 credits). Each course will be of 4 credits
- A Student may take three courses (totalling to twelve credits) per semester from the parent department and therefore one course of four credits from any other department per semester. In case a student wishes to take all courses from the parent department he/she may also do so.
- All courses are open to all students from outside the department. Eligibility for registering for each course will be decided by the departmental committee.
- For the students doing M.A. degree in History the courses for divided into compulsory and Optional. Every student has to take three core courses and one elective course each semester.

I. Evaluation

- Each course will have 50% marks as semester end examination and 50% marks for internal assessment.
- The student has to pass in the combined total of internal assessment and semester end examination.
- In order to pass a student shall have to get minimum 40% marks (E and above on grade point scale) in each course. Any student getting less than 16 marks in each component will be declared as failed, even if the combined total is over 40%.
- If a student misses an internal assessment examination he/she will have a second chance with the permission of the teacher concerned. Students who have failed for the entire course may reappear at the semester-end exam. Their internal marks will not change. They can also repeat during the 5th /the 6th semester whichever is applicable
- The grading pattern is as follows:

Marks	Grade	Grade
80-100	O: Outstanding	10
70-79	A+: Excellent	09
60-69	A: Very Good	08
55-59	B+: Good	07
50-54	B: Above Average	06
45-49	C: Average	05
40-44	P: Pass	04
0-39	F: Fail	0
--	Ab: Absent	0

The description for the grades is as follows:

O: Outstanding: Excellent analysis of the topic, (80% and above)

Accurate knowledge of the primary material, wide range of reading, logical development of ideas, originality in approaching the subject, Neat and systematic organization of content, elegant and lucid style.

A+ : Excellent : Excellent analysis of the topic (70 to 79%)

Accurate knowledge of the primary material, acquaintance with seminal publications, logical development of ideas, Neat and systematic organization of content, effective and clear expression

A: Very Good: Good analysis and treatment of the topic(60 to 69%)

Almost accurate knowledge of the primary material, acquaintance with seminal publications, logical development of ideas, Fair and systematic organization of content, effective and clear expression

B+: Good: Good analysis and treatment of the topic (55to 59%)

Basic knowledge of the primary material, logical development of ideas, Neat and systematic organization of content, effective and clear expression

B: Above Average: Some important points covered (50to 54%)

Basic knowledge of the primary material, logical development of ideas, Neat and systematic organization of content, good language or expression

C: Average: Some points discussed (45 to 49%)

Basic knowledge of the primary material, some organization, acceptable language or expression

P: Pass: Any two of the above (40 to 44%)

F: Fail: None of the above (0 to 39%)

COURSE STRUCTURE

SEMESTER I

Core Courses

1. History: Theory and Method
2. Evolution of Ideas and Institutions in Early India
3. Maratha Polity

Elective Courses:

1. History of the Deccan: Pre-History to Chalukya
2. Social Background of Dalit Movement in Maharashtra
3. Art and Architecture in Ancient India
4. History of Cinema in India
5. Gender and Indian History
6. History of West Asia
7. USA: From Isolation to Hegemony
8. History of Science and Technology in the West

SEMESTER II

Core Courses:

4. Approaches to History
5. Ideas and Institutions in Medieval India
6. Socio-Economic History of the Marathas

Elective Courses:

9. Marathas in 17th and 18th century: Power Politics
10. Nature of Dalit Movement in Maharashtra
11. History of Medieval Deccan: Rashtrakuta to Deccan Sultanate
12. Art and Architecture in Medieval India
13. Economic History of Medieval India
14. East Asia: China (1900-2000)
15. History of Southeast Asia
16. History of Science and Technology in India

Semester I: Core Paper No. 1

Credits: 4

Course Title: HS: CC - 1: History: Theory and Method

Objectives

The paper is designed to provide adequate conceptual base, bring better understanding of history and its forces, help interrogate existing paradigms and challenge the outdated, help in developing critique, help research in terms of formulating hypotheses and develop broad frames of interaction with other social sciences and attain certain level of Interdisciplinary approach.

Course content

1. Philosophy, Nature and Functions of History
2. Scientific Method of Historical Research
 - i. Formulation of Research Question
 - ii. Stating the Hypotheses
 - iii. Choosing a Research Design
 - iv. Collection of Sources- Primary and Secondary sources
 - v. Criticism of Sources – Internal and External
 - vi. Analysis, Historical imagination and Interpretation
 - vii. Conclusions
 - viii. Report sharing – Footnotes and Bibliography
3. Early Theories of History
 - i. Greek Thought – Quasi-Histories, Herodotus, Thucydides and Polybius
 - ii. Roman Thought – Livy, Plutarch, Tacitus
 - iii. Church- St Augustine's method of Textual Interpretation, Eusebius's chronological method
 - iv. Indian Thought – Narrative method, Itihasa Purana Tradition
 - v. Arab Thought- Ibn Khaldun's Causes of Lies in History
4. Modern Theories of History
 - i. Rationalist
 - ii. Romanticist
 - iii. Positivist
 - iv. Historical Materialism
5. Post-war Theories of History
 - i. Socio-Economic Theories
 - ii. Structuralism and Post Structuralism
 - iii. Post-Modernism
 - iv. Total History

Select Readings

English

1. Arnold John H., *A Very Short Introduction to History*, OUP, 2000.
2. B. Sheikh Ali, *History: Its Theory and Method*, Trinity Press, (Reprint) New Delhi. 2015.
3. Barry, Peter, *Beginning Theory: An introduction to literary and cultural theory*, Manchester University Press, New York, 1995.
4. Carr, E.H., *What is History*, Penguin Books, Harmondsworth, 1971.
5. Childs, Peter, *Modernism*, Routledge, London, 2000.
6. Chitnis K. N., *Research Methodology in History*, Atalantic Publishers, Delhi.
7. Collingwood, R.G., *The Idea Of History*, Oxford University Press, New York, 1976.
8. E. Shridharan, *A Textbook of Historiography*, Orient Blackswan, Delhi. 2004.
9. Eagleton, Terry, *Ideology*, Verso Books, 1991.
10. Foucault, Michel, *The Archeology of Knowledge*, translated by Sheridan Smith, Tavistock Publications, London 1982.
11. Good and Hatt, *Methods in Social Research*, McGraw hills, 1952.
12. Hamilton, Paul, *Historicism*, London, Routledge, First Indian Edition, 2007.
13. Langlois C. V. and C. Seignobos, *Introduction to the study of History*, Barnes and Noble Inc. and Frank Cass and co., New York, 1966.
14. Russell, Bertrand, *History of Western Philosophy*, Routledge, London, rpt. 1996.
15. Sarkar Sumit, *Writing Social History*, OUP, 1998
16. Thapar Romila, *Cultural pasts*, OUP, 2000.

Marathi

1. Athavale, Sadashiv, *Itihasache Tattvadnyaan*, PraadnyaPathshala, Wai,. 1986.
2. Bedekar D. K., *Char June Arthashastreya Granth*, Gokhale Institute, Pune, 1969.
3. Carr, E.H., (tr. V.G. Lele), *Itihas Mhanaje Kay?*, Continental Prakashan, Pune, 1998.
4. Dahake, Vasant Abaji, et.al (ed.) *Marathi Vangmayeen Sandnya- Sankalpana Kosh*, G.R Bhatkal Foundation, Mumbai, 2001.
5. Deo, Prabhakar, *Itihas: Eka Shastra*, Brain Tonic Prakashan, Nashik, 2007
6. Hatekar N. and Padwal R., *Don June Arthashastreya Granth*, Lok Vangmay Gruha, 2013.
7. Kothekar, Shanta, *Itihas: Tantra ani Tatvadnyana*, Shri sainath Prakashan, Nagpur, 2005.
8. Sardesai, B.N., *Itihas Lekhan Shastra*, Phadke Prakashan, Kolhapur, 2002.
9. Saatbhai S., *Itihas Lekhan Sahstra*, Vidya Books Publication, 2015.
10. Ravinder Kumar, *Adhunik Bharat ka Samajik Itihas*, Granth Shilpi, Delhi. 1997.
11. *Itihas Lekhana Mimansa*, Loka Vangmaya Gruha, Mumbai. 2010.
12. Wamburkar, Jaswandi, (ed.) *Itihasatil Nave Pravaah*, Diamond Publication, Pune. 2014.

Semester I: Core Paper No. 2

Credits: 4

Course Title: HS: CC - 2: Evolution of Ideas and Institutions in Early India

Objectives

The course intends to provide an understanding of the social, economic and institutional bases of early India. It is based on the premise that an understanding of early Indian history is crucial to understand Indian history as a whole.

Course content

1. Defining Early India
 - i. Historiography (colonial, nationalist)
 - ii. Terminology ('Hindu', 'Ancient', 'Early')
2. Sources: Perceptions, Limitations, Range
 - i. Archaeological
 - ii. Literary sources: Sanskrit, Prakrit, Pali; Religious, non-religious; Tamil Inscriptions
 - iii. Foreign accounts: Chinese, Roman
3. Political Ideas and Institutions: North and South India
 - i. Lineage Polities
 - ii. Pre-State formations in north and south India
 - iii. Early State Formations: Mahajanapadas, Maurya, Deccan and South India
 - iv. Administrative Institutions: Kingship, Administrative structures
4. Social ideas and institutions
 - i. Kin and Lineage society
 - ii. The emergence of caste based societies, marginalization and subordination
 - iii. Social protest and the emergence of new social and religious forms
 - iv. Social systems in the far south
5. Economy
 - i. Pre-historic to Chalcolithic developments
 - ii. Development of Agriculture and Trade
 - iii. Expanding Trade Economy - guilds, crafts, coinage
 - iv. Urbanisation

Select Readings

English

1. Altekar, A.S., State and Government in Ancient India, Motilal Banarasidas, Delhi. 2016.
2. Gurukul, R., *Social Formations in Early South India*, Oxford University Press, 2010.
3. Jha, D.N., *Early India: A Concise History*, Manohar, 2004.
4. Jha, D.N., *Ancient India in a Historical Outline*, Manohar, 3rd enlarged edition, 2015.

5. Parasher-Sen, Aloka (ed.), *Subordinate and Marginal Groups in Early India*, Oxford India Paperbacks, Second Edition, 2007.
6. Sahu, B.P. and Veluthat, K., *History and Theory: The Study of State, Institutions and the Making of History*, Orient BlackSwan, 2018.
7. Sastri, K.A.N., *History of South India*, Oxford University Press, 1975.
8. Sharma, R.S., *Aspects of Ancient Indian Political Ideas and Institutions*, Manohar, reprint, 1999.
9. Sharma, R.S., *Sudras in Ancient India*, New Delhi, 1998.
10. Singh, Upinder, *History of Ancient and Early Medieval India*, Pearson Books, New Delhi, 2008.
11. Thapar, R., *Ancient Indian Social History: Some Interpretations*, Orient Longman, reprint, 1996.
12. Thapar, R., *From Lineage to State*, Oxford India Paperbacks, 1990
13. Thapar, R., *Interpreting Early India*, Delhi, 1995.
14. Thapar, R., *Narratives and the Writing of History*, Delhi, 2000.
15. Veluthat, K., *The Early Medieval in South India*, OUP, 2014.
16. Saleatore, B.S., *Ancient Indian Political Thought and Institutions*, Asia Publishing House, 1963.
17. Nambiar, K.G., *A Cultural History of India and Pakistan*, 1957.
18. Sayyad, Abdul, Latif, *An Outline of the Cultural History of India*, The Institute of Indo Middle East Cultural studies, Hyderabad, 1958.

Marathi

1. Jha, D.N., *Prachin Bharat*, 2017.
2. Jha, D.N., (tr. G.B. Deglurkar), *MauryottarwaGuptakalinRajasvapadhati*, Diamond Publications, Pune, 2006.
3. Kosambi, D.D., (tr. VasantTulpule), *Puranakatha ani Vastavata*, LokavangmayaGruha, Mumbai, 1977.
4. Sharma, R.S., (tr. Ranade, P.), *PrachinBharatatilRajakiyaVichar ani Sanstha*, Diamond Publications, Pune, 2006.
5. Sharma, R.S., *Prachin Bharat meinRajnitikVicharevamSanstha*, (Hindi), RajkamalPrakashan, New Delhi, 1992.

Semester I: Core Paper No.3.

Credits: 4

Course Title: HS: CC 3: Maratha Polity

Objectives

The purpose of the course is to study the administrative system of the Marathas in an analytical way, to acquaint the student with the nature of Maratha Polity, to understand basic components of the Maratha administrative structure, to enable the student to understand the basic concepts of the Maratha polity.

Course content

1. Defining the term 'Maratha Polity'
2. Nature of Sources: Perceptions, Limitations, Range
 - i. Literary
 - ii. Foreign
 - iii. Archival
 - iv. Miscellaneous
3. Maratha State
 - i. Formation of the Maratha State
 - ii. Nature
4. Administrative Structure
 - i. Administrative Structure of the Deccani Kingdoms: a brief survey
 - ii. Principles underlying Maratha Administration
 - iii. Central: the institution of kingship, theory, problem of legitimacy, Ashta-PradhanMandal
 - iv. Provincial and Village: administrative units
 - v. Fiscal administration: Public income and expenditure
 - vi. Military System: forts, infantry, cavalry, navy
5. Socio-Political Power Structur
 - i. Religion
 - ii. Caste
 - iii. Gota
 - iv. Watan
6. Administration of Justice
 - i. Sources of law
 - ii. Judicial structure - central, provincial
 - iii. Judicial institutions - political, traditional
 - iv. Crime and punishment - police

Select Readings

English

1. Apte B.K., *A History of the Maratha Navy And Merchantships*, State Board for Literature and Culture, Bombay, 1973.
2. Chandra, Satish, *Medieval India (Society, the jagirdari crisis and the village)*, Macmillan India Ltd., Madras, 1992.
3. Gune, V.T., *Judicial System of the Marathas*, Deccan College, Pune 1953.
4. Kulkarni, A.R., *Maharashtra in the Age of Shivaji*, Pune, 2002.
5. Kulke, Hermann (ed.), *The State in India, 1000-1700*, Oxford University Press, Mumbai, 1997.
6. Mahajan, T.T., *Maratha Administration in the 18th century*, Commonwealth Pub., 1990.
7. Ranade, M.G., *Rise of the Maratha Power*, Bombay, 1900.
8. Sen, S.N., *Administrative System of the Marathas*, Calcutta, 1976.
9. Sen, S.N., *Military System of the Marathas*, Calcutta, 1928.

Marathi

1. Apte Trimbak Narayan, *Gaongada*, Varada, Pune, 1995.
2. Joshi, S.N., *Arvachin Maharashtra trethaskalatil Rajyakarbharcha Abhyas, (1600-1680)*, Pune Vidyapeeth, Pune 1960.
3. Joshi, S.N. and Bhingare, L.M. (ed.), *Adnyapatra ani Rajnatee*, Pune, 1960.
4. Kulkarni A.R., *Shivkaleen Maharashtra*, Rajahamsa, Pune, 1993.
5. Kulkarni A.R., Khare G.H. (ed.), *Marathyanchalitias, Vol. I to III*, Continental, Pune, 1984 (Vol. I), 1985 (Vol. II), 1986 (Vol. III).
6. Joshi S.N. (Ed.), *Chhatrapati Shivaji Raje Yanchi Bakhar*, Chitrashala, Pune, 1960.
7. Mehendale Gajanan B., *Shree Raja Shiv Chhatrapati*, Vol. I, part I, II, Mehendale, Pune, 1996.

Semester 1: Elective Course No.1

Credits: 4

Semester 1: HS: EC: 1: History of Deccan – Pre History to Chalukyas

Objectives: The paper is designed to make the student aware of the background of the history of the region. A broad survey of the pre-history which connects with the early history is aimed at emphasising the continuities and changes in terms of geographical and cultural conditions created by the rulers.

Course Content

1. Prehistory of Deccan – a brief survey

- i. Petroglyphs
- ii. Sites and Settlements: Jorwe, Inamagaon, Daimabad

2. Satavahana period

- i. Archaeological, Literary, Numismatic and Epigraphic sources
- ii. Reconstructing the political history
- iii. Society and economy
- iv. Religious practices – beginnings of land grants
- v. Cultural legacy : Gatha Sattasai

3. Vakataka period

- i. Archaeological, Literary, Numismatic and Epigraphic sources
- ii. Reconstructing the political history
- iii. Society and economy
- iv. Cultural legacy: Ajanta

4. Chalukya Period

- i. Archaeological, Literary, Numismatic and Epigraphic sources
- ii. Reconstructing the political history
- iii. Society and economy
- iv. Mobility and migration
- v. Cultural legacy :Aihole

Select Readings:

1. Alchin, FR, *Neolithic Cattle keepers of South India - A Study of the Deccan Ash Mounds*, 1963
2. Allchin, F and B, *The Origins of Civilization in India and Pakistan*
3. Ayyar, Subramanyam, *Historical Sketch of Ancient Deccan*, The modern printing works, Madras, 1917.
4. Bhandare, Shailen, *Historical Analysis of the Satavahana Era: A Study of Coins*
5. Bhandarkar, RG, *Early History of , the Deccan down to the Muhammadan conquest*, Bombay, 1884.
6. Burton, Stein, *History of India*, Wiley Blackwell, 1998
7. Fleet, J.F., *Dynastics of Kanarese Districts*; Bombay, 1896.
8. Ganguly, D.C., *The Eastern Chalukyas*; Banaras, 1937.
9. Jayaswal, K.P., *Problems of Saka-Satavahana History*; Patna, 1931.
10. K. Gopalchari, *Early History of The Andhra Country*, University of Madras, 1941
11. Majumdar, RC (ed.), *The Classical Age*, Bharatiya Vidya Bhawan, Bombay, 1954
12. Merade, G. M. : *Kadamba Kula*; Bombay, 1931.
13. Mujumdar, R.C., *History and Culture of the Indian People*; Vols. III and IV.
14. Murthy, Ramachandra, *Megalithic Culture of the Godavari Basin*, Delhi, 2000
15. Prasad, Durga *History of the Andhras upto 1565 A. D.*, P.G.Publishers, Guntur
16. Rama Rao, M., *Satavahanas and their Successors*, 1971
17. Ray, Niranjana, *The Art And Architecture of Chalukya*, D.B. Taraporewala Sons and Pvt. Ltd.
18. Sankalia, HD, *Pre and Proto History of India and Pakistan*, Deccan College, Poona
19. Satyasraya, Ranjit, *Origin of the Chalukyas*; Calcutta, 1937.
20. Shastri, Ajay, *Age of Satavahana*, Aryan Book International, 1993
21. Shukla, V.G., *Satavahanas the Contemporary Kshatrapas*.
22. Sircar, D. C., *The Successors of the Satavahana in Lower Deccan*; Calcutta, 1939.
23. Yazdani, G, *Early History of the Deccan*, OUP, 1982

Marathi

1. Mirashi, Va., Vi., *Saatvahan ani Paschim Kshatrap YanchaItihas ani KorivLekh*, Maharashtra Rajya Sanskriti Mandal, Mumbai
2. Morvanchikar, R.S., *Saatvahanakalin Maharashtra*, Pratima Prakashan.
3. Morvanchikar, R.S., *Pratishthan Te Paithan*, Vidya Books, Aurangabad.

4. Dhawalikar, M.K., *MaharashtrachiKulkatha*, Rajhans Publication, 2011
5. Sankaliya, H.D., Mate, M.S., *MaharashtratilPuratatva*, Maharashtra Rajya Sahitya Sanskriti Mandal, 1976.
6. Dhawalikar, M.K., *Puratatva Vidya*, Maharashtra Rajya Sahitya Sanskriti Mandal, 1980.
7. Mirashi, Va., Vi., *VakatakNrupati ani TyanchaKal*, Nagpur Vishwavidyalay, 1957.
8. Ranade, Pandharinaath, *MaharashtratilArthikJadanghadan*, Maharashtra Itihas Parishad, 1966
9. Nagarajayya, Hamppa, *Bahubali Ani Badami Chalukya*, tr, by Rekha Jain, Darya Prakashan

Online Article

1. S.A. Jogalekar, Saatvahan ani Satkarni <https://www.jstor.org/stable/41688591>
2. Sharma, R.S., Satavahan Polity <https://www.jstor.org/stable/44140395>
3. Dhawalikar, M. K., Satavahana Chronology: Re-examination <https://www.jstor.org/stable/41702166>
4. Rao, Hanumantha, Religion, Politics, Society in Early Deccan <https://www.jstor.org/stable/44142769>
5. Mirashi, V., The Home of The Vakatakas. <http://www.jstor.org/stable/41784577>
6. Pradhan, Shruti, From Satavahan to Andhras and Andhra Bhritiy <https://www.jstor.org/stable/41694410>

Semester 2: Elective Course No. 2

Credits.4

Course Title: HS: EC-2: Social Background of Dalit Movement in Maharashtra

Objectives:

This paper is designed to emphasise the background of the Dalit movement which flourished in the twentieth century. It highlights the earlier forms of protest from the ancient till the medieval period, which laid the foundations for social protest and dissent in the pre- Ambedkar period.

Course Content

1. Historical Development of caste system
2. Defining the term 'Dalit' and 'Dalit consciousness'
3. Historical Background of Protest
 - i. Early Manifestations- Lokayat, Buddhism, Jainism
 - ii. Medieval Manifestations- Janabai, Chokhamela, Soyarabai, Karmamela, Banka and Bahinabai
4. Non-Dalit Contribution to the Dalit Movement
 - i. Mahatma Phule, Savitribai Phule, Vitthal Ramji Shinde
 - ii. Sayaji Maharaj, Rajarshi Shahu Maharaj
5. Pre-Ambedkar reformers and protest
 - i. Gopal Baba Walangkar
 - ii. Mukta Salve
 - iii. Shivaram Janba Kamble
 - iv. Kisan Faguji Bansode

Select Readings:

English:

1. Ambedkar B. R., '*Castes in India*', Dr. Babasaheb Ambedkar Writings and Speeches, Vol. I, Govt. of Maharashtra, Mumbai, 1987.
2. Ambedkar B. R., '*Who were the Shudras*', Dr. Babasaheb Ambedkar Writings and Speeches, Vol. VII, Govt. of Maharashtra, Mumbai, 1987.
3. Ambedkar B. R., '*Revolution and Counter Revolution in Ancient India*', Dr. Babasaheb Ambedkar Writings and Speeches, Vol. III, Govt. of Maharashtra, Mumbai, 1987.
4. Ambedkar B. R., '*The Untouchables*', Dr. Babasaheb Ambedkar Writings and Speeches, Vol. VII, Govt. of Maharashtra, Mumbai, 1987.

5. Ambedkar B. R. 'Annihilation of Caste', Dr. Babasaheb Ambedkar Writings and Speeches, Govt. of Maharashtra, Mumbai, 2013.
6. Channa D. R., 'Slavery in Ancient India', Peoples Publishing House, Delhi, 1960.
7. Eleanor Zelliot. 'From Untouchable to Dalit', Manohar Publishers, New Delhi, 1992.
8. Gail Omvedt, 'Cultural Revolt in Colonial Society', Manohar Publishers, New Delhi, 2011.
9. Gail Omvedt, 'Understanding Caste', Orient BlackSwan, New Delhi, 2011.
10. Gail Omvedt, 'Buddhism in India: Challenging Brahmanism and Caste, Sage Publication.
11. Ghurye G. S., 'Caste and Race in India' Sage Publication, New Delhi, 2016.
12. Jaiswal, Suvira, 'Caste; origin, functions, dimensions and change,' Manohar Publication., Delhi.
13. Jha, Vivekanand, 'Candala: Untouchability and caste in early India,' Primus Books.
14. Kanchalliah, 'God as Political Philosopher, Buddha's Challenge to Brahminism', Samya, Kolkata, 2001.
15. Khane B. D., 'Chhatrapati Shahu's Crusade Against Untouchability', Critical Quest, New Delhi, 2006.
16. Mani Braj Ranjan, 'Debrahmanising History', Manohar Publishers, New Delhi, 2018.
17. Rao Anupama, 'The Caste Question', Permanent Black, New Delhi, 2010.
18. Rosalind O'Hanlon, 'Caste, Conflict and Ideology', Permanent Black, New Delhi, 2002.
19. Sharma R. S., 'Material, Culture and Social Formations in Ancient India', Oxford University Press, 1983.
20. Sharma R. S., 'Shudras in Ancient India', Motilal Banarasidas, New Delhi, 1980.
21. Thapar Romila, 'Ancient Indian Social History', Orient Longman, New Delhi, 1978.
22. Thapar Romila, 'From Lineage to State', Oxford University Press, 1999.
23. Valerian Rodrigues, 'Conversations with Ambedkar 10 Memorial Lectures' Tulika Books, New Delhi, 2019.

Marathi:

1. Atre, Truimbak Narayan, *Gav-Gada*, Mumbai, 1959
2. Bhagat, R.T. (ed.), *Sant Sahitya Ani AndhashraddhaNirmulan*, Chaitanya Prakashan, Kolhapur, 2002
3. Bhagat, R.T. (ed.), *Sant Sahitya Ani Dalit samvedan*, Chaitanya Prakashan, Kolhapur, 2003
4. Gawali, P.A., *PeshwekalinSamajwaJaticha Sangharsh*, Kolhapur, 1982
5. Gawali, P.A., *PeshwekalinGulamgiriwaAsprishyata*, Kolhapur, 1990
6. Kausalyayan, Bhadant Anand, *Manusmriti Ka JalaniGeli?*, Nagpur
7. Keer, Dhananjay, *Mahatma Jyotiba Phule: amchyaSamajKranticheJanak*, Mumbai, 1975

8. Khairmode, ChangdevBhagvanrao, *AsprushanchaLashkariPesha*, Maharashtra Rajya Sahitya SanskritiMandal,Mumabi, 2002.
9. Keer, Dhananjay and Malse, S.G. (ed.), *MahatmaPhule SamagraVangmaya*, Mumbai, 1988
10. Kosare, H.L., *Vidarbhatil Dalit ChalvalishaItihas*, Nagpur, 1984
11. Moon, Vasant, *MadhyaprantVarhadatilAmbedkarpurva Dalit Chalwal*
12. Nawalkar, H.N., *Shivaram JanbaKamble*, Pune, 1930

Semester 1: Elective Course No. 3

Credits: 4

Course Title: HS: EC-3: Art and Architecture in Early India

Objectives

The paper intends to strengthen the understanding of cultural history through the study of forms, techniques, and growth of Indian art and architecture.

Course Content

1. Stone Age Art
2. Bronze Age art And Architecture: proto-historic settlement art and architecture
 - i. Pre-Harappan settlements - Neolithic to Copper age
 - ii. Harappan Age (3500BC - 2000 BC)
3. Early Indian Art and Architecture
 - i. Mauryan art and architecture: Northern India, Eastern India
 - ii. Sunga-Satavahana period art and architecture: Northern India, Eastern India, Western India, South India
 - iii. Saka-Kushana art and architecture: Mathura School, Gandhara School, Amaravati School
4. Classical Indian Art and Architecture
 - i. Gupta art: Mathura style, Sarnath style
 - ii. Vakataka art
 - iii. Early Chalukya art
5. Late Classical Indian Art and Architecture
 - i. Rashtrakuta Art
 - ii. Gurjara-Pratihara art
 - iii. Pallava art
 - iv. Pala art

Select Readings:

English

1. Brown, Percy, *Indian Architecture Buddhist and Hindu period*, Vol. I Bombay 1959
2. Deglurkar, G.B., *Temple Architecture and sculpture in Maharashtra*, Nagpur, 1974
3. Dhawalikar M.K., *Late Hinayan caves of Western India*, Deccan College Post Graduate and Research Institute Pune, 1984.
4. Nagaraju, S., *Buddhist Architecture of Western India*, AgamkalaPrakashan, Delhi, 1981
5. Pramod Chandra, *On the Study of Indian Art*, Horward University Press, Cambridge, 1983.
6. Saraswati, S.K., *A Survey of Indian Sculpture*, Calcutta, 1957
7. Sarkar, H., *Studies in Early Buddhist Architecture of India*, Mumbai, 1966
8. Saundarrajan, K.V., *The Cave Temples of the Deccan*, Archeological Survey of India, 1881, New Delhi
9. Spink, Walter M., *Art of South India/ Deccan*, Delhi 1980

Marathi

1. Mate, M.S., *Prachin Bharatiya Kala*, Pune
2. Upadyaya, B.S. *Bhartiy Kala ka Itihas*, Peoples Publishing House

Semester 1: Elective Course No. 4

Credits: 4

Course Title: HS: EC-4: History of Cinema in India

Objectives

The course is designed to introduce the student to the role of popular culture and cinema in the study of History. It also aims at making the student aware of the social context of film, and its impact on society.

Course Content

1. From 'moving images' to film
 - i. Puppet theatre
 - ii. Shadow images
 - iii. The Lumiere brothers
2. Beginning of Cinema in India
 - i. Early attempts at cinema making
 - ii. DadasahebPhalke
 - iii. Silent Movies
3. Cinema through history
 - i. Major themes in early cinema
 - ii. The Studio system
 - iii. The growth of regional and parallel cinema
 - iv. Technology and cinema - cameras, cinemascope, digitalisation
4. Social dimensions of Films and film making
 - i. Popular Culture and History in Film
 - ii. The 'masala' and the 'art' film
 - iii. Historical themes in film: popularity, controversy, marketability
4. Globalisation of Indian film
 - i. The global reach of Hindi and Indian Language films
 - ii. Film festivals
 - iii. The state and cinema - censor board, documentaries, National Film Archives of India

Select Readings:

1. Bazin, Andre (2005), *What is Cinema? ('Qu'est-ce que le Cinema?')* Hugh Gray (tr.) Volume 1 and 2, University of California Press.
2. Bose, Mihir. (2007), *Bollywood: A History*. London: Tempus.
3. Dawar, Ramesh (2006), *Bollywood: Yesterday, Today, Tomorrow*, Star Publications.
4. Gulzar, Govind Nihalani (2003), *Encyclopedia of Hindi Cinema*, Encyclopedia Britanica (India) Pvt. Ltd, Popular Prakashan.
5. Guru, Mahesh Chandra B.P, Nagarajamurthy, Gundappa and Dileep Kumar, M (2015) *An Overview of Indian Films*, International Journal of English Language, Literature and Humanities, March, ISSN-2321-7065.
6. Kumar, Keval J (2008) *Mass Communication in India*, Jaico Publishing House, Mumbai, Mazumder, Jyotirmoy (2014) A Comprehensive Study on the Marketing Factors of the Recent Bengali Films considering Indian Movie Industry, IJFMS 1(1):10-30.
7. Paramesh, G (1995) *Cinema, Lokashikshana Directorate*, NavasaksharaPustkamale, State Resource Centre, Department of Adult Education, Mysore,
8. Rajadhyaksha, Ashish and Paul Willeman (1994) *Encyclopedia of Indian Cinema*, British Film Institute and Oxford University Press, New Delhi.
9. Ramachandrappa, Baragur (2010) *Globalisation and Cinema, Souvenir*, Platinum Jubilee Celebrations, Karnataka Film Chamber of Commerce, Bangalore,.
10. Robinson, Arthur (1989), *Satyajit Ray: The Inner Eye*. Los Angeles: University of California Press.
11. Stafford, Roy (2006) *Indian Cinema: The World's Biggest and Most Diverse Film Industry*, Corner house, Manchester, UK.
12. Thoraval, Y.V.E.S (2000) *The Cinemas of India*, Macmillian India Ltd, New Delhi,
13. Venkatasubbaiah, G (1996) *Indian Mooki Films*, Prasaraanga, Bangalore University, India.

Semester 1: Elective Course No. 5

Credits: 4

Course Title: HS: EC-5: Gender and Indian History

Objectives

The course is intended to be an introduction to issues and theories of gender, with specific reference to India.

Course Content

1. Defining gender
 - i. Masculinity, Femininity
 - ii. Historiography: special reference to the works of Gerda Lerner, Betty Friedan, Simone de Beauvoir, Uma Chakravarti, Kumkum Roy, Tanika Sarkar
 - iii. Waves of feminism
2. Feminist Approaches: Liberal, Radical, Marxist, Postmodern
3. Caste and gender in India:
 - i. Women in Indian Philosophy
 - ii. Religion and gendered spaces
4. Women in Modern India
 - i. 19th century reform
 - ii. Education
 - iii. Caste movements and role of women
 - iv. National movement and women's role
5. Developments after Independence
 - i. Constitutional guarantees
 - ii. Towards Equality report
 - iii. Globalisation, liberalization and issues of gender

Select Readings:

1. Beauvoir, Simone, *the Second Sex*.
2. Chakravarti, Uma, *Gendering Caste*.
3. Chakravarti Uma, *everyday Lives, Everyday Histories : Beyond the Kings and Brahmanas of 'Ancient' India*, New Delhi, Tulika Books, 2006.
4. Kelkar, Meena and Gangavane, Deepti (ed.), *Feminism in Search of an Identity*.

5. Lerner, Gerda, *On Patriarchy*.
6. Roy, Kumkum (ed.), *Women in early Indian Societies*.
7. V. Geeta, *Patriarchy*, Stree Publication, 2007.
8. Thapar, R., *Shakuntal: Text, Reading and Histories*, Columbia University Press.
9. Sangari, Kumkum and Chakravarti, Uma, *From Myths to Markets*.

Marathi

1. Bhagvat Vidyut, *StrivaadiSamajikVichar*, Diamond Publication
2. Rege Sharmila and Sonalkar Vandana, *Pitrusatta Ani Jativyavstha*, Krantisinh Nana Patil academy.
3. Datar, Chhaya, *Striyanche Nate Jamin Ani Panyashi*, Generic Publication, 2011
4. Deshmukh, Sharda, *Marathekalin ani PeshwaitilStreeJivan*, Anand Prakashan.
5. Bhagvat Vidyut, *StriyancheMarathitilNibandhLekhan*, Sahitya academy.

Semester 1: Elective Course No. 6

Credits: 4

Course Title: HS: EC-6 History of West Asia

Objectives

The course is designed to help the student to understand the geopolitical dimensions of West Asia.

Course Content:

1. West Asia. The Cradle of World Religions

- i. Judaism
- ii. Christianity
- iii. Islam, Islamic State at Madina and its functions.

2. Disputes, Conflicts, and Wars

- i. Territorial Disputes & Its Consequences
- ii. Iraq-Iran War, Gulf War I and Gulf War II
- iii. Growing Influence of the British in the Arabian Peninsula
- iv. Colonial Methods of Creation of Israel, Arab-Israel Dispute & Wars

3. Oil and West Asia

- i. Energy Resources and Supplies
- ii. Oil its Significance and Politico-Economic Aspects
- iii. Oil Production Policies - Oil pricing; International Petroleum Market
- iv. 1973 Oil Crisis and OPEC

4. India's Foreign Policy and West Asia

- i. Strategic and Security Priorities
- ii. Political and Diplomatic Priorities
- iii. Geo-Political and Commercial Priorities
- iv. Post Cold War Shift

Select Readings:

1. Ali, S. Amir, *A Short History of the Saracens*.
2. Blech Benjamin, *Understanding Judaism*

3. Bonne Alfred, *State and Economics in the Middle East: A Society in Transition* Hershlaq Z. Y., Introduction to the Modern Economic History of the Middle East. Cleveland W.L., History of the Modern Middle East.
4. Gonzales Justo, *The story of Christianity*.
5. Issawi Charles, *The Economic History of the Middle East*.
6. Lewis, Bernard, Arabs, *A Short History*. Hitti P.K., History of the Arabs.
7. Majeed Akhtar, *Encyclopaedia of West Asia*.
8. Majeed Akhtar, *West Asia: An Introduction*.
9. Nicholson R.A., *A Literary History of the Arabs*. Fisher, S.N. Middle East: A History.
10. Rodinson Maxim, *Marxism and the Muslim World*.
11. Roy Rosenberg, *A Concise Guide to Judaism*
12. SeikhAzhar, *Prophet Mohamed and His Mission*. Engineer A.A., The Islamic State.
13. Stark Rodney, *The Rise of Christianity*

Semester 1: Elective Course No. 7

Credits: 4

Course Title: HS: EC-7: USA: From Isolation to Hegemony

Objectives

To make the student aware of the background, scope and various trends in U.S. Foreign Policy with a view to interpreting and analysing it and examining its effect on world politics.

Course Content

1. A brief survey of U.S. foreign policy, 1789-1914
 - i. USA and Latin America
 - ii. USA and Japan
 - iii. USA and China
 - iv. US foreign policy, 1901-1914
2. USA and World War I
 - i. Fourteen points of Woodrow Wilson
 - ii. Paris Peace Conference
3. From Isolation to Interventionism
 - i. USA and the League of Nations
 - ii. Washington Conference
 - iii. The Depression Era
 - iv. Pearl Harbour and World War II
4. USA after World War II
 - i. USA and the formation of the UNO
 - ii. Cold War Politics - Africa, Asia, South America
 - iii. The end of the Cold War: unipolar world politics

Select readings:

English

1. Brewster, C., *Seeing American Foreign Policy Whole*, S.G. Wasani, Delhi, 1989.
2. Brokhampton, *Dictionary of World History*, Brokhampton Press, London, 1994.
3. Harres, Owen (ed.), *America's purpose: New vision of U.S. Foreign Policy*, S.G. Wasani, New Delhi, 1991.
4. La Feber, Walter, *America, Russia, and the Cold War, 1945-1990*, Mc-Graw Hill In., 1991.
5. Robinson, W.I., *Prompting Poliarchy : Globalization, US Intervention and Hegemony*, Cambridge University Press, Cambridge, 1996.

Marathi

1. Bhaure, N.G. and Dev Pujari, *Amerikecha Itihas*
2. Kadam, Y.N., *Adhunik Jag*, Phadke Prakashan, Kolhapur, 2001
3. Kothekar, Shanta, *Amerikechya Sanghrajyacha Itihas*, Nagpur
4. Patil, M.P., *Yuddhottar America: Truman te Bush*, Mangal Prakashan, Kolhapur, 2002.

Semester 1: Elective Course No. 8

Credits: 4

Course Title: HS: EC-8: History of Science and Technology in the West

Objectives

The course is specially designed to introduce the student to scientific achievements in various periods of history in the western world; to understand the relationship between science and various forms of technology; to create awareness of the interaction between science and society and the manner in which the spread of scientific knowledge moulded the pattern of human life and thought.

Course Content

1. Defining Science and Technology
2. Science and Technology in Early and Classical civilizations
 - i. Egypt
 - ii. Mesopotamia
 - iii. China
 - iv. Greece
 - v. Rome
3. Medieval Science
 - i. The Church and Science
 - ii. From alchemy to chemistry
 - iii. Experiments in agriculture
 - iv. Emerging texts on science and technology
4. The Copernican Revolution
5. Modern Science and the Scientific Method
 - i. Leonardo da Vinci
 - ii. Galileo
 - iii. Newton
 - iv. Laboratory Science and the growth of industrial technology

6. 20th century developments

- i. Relativism
- ii. Reductionism and Revisionism

Select Readings:

1. Bernal, J.D., *Science in History*, vol., Harmondsworth, 1965.
2. Bhattacharya, S. and Redondi, P. (ed.), *Techniques to Technology*, New Delhi, 1990.
Butterfield, H., *The Origins of Modern Science (1300-1800)*
3. Crombie, A.C., *Augustine to Galileo*, Vol. I.
4. Dampier, W.C. *A History of Science*, Cambridge, 1929.
5. Derry, T.K. and Williams, T.I., *A Short History of Technology*, OUP, 1975.
6. Jeans, James, *The Growth of Physical Science*.
7. Farrington, B., *Greek Science: Thales to Aristotle*.
8. Larsen, Egon, *A History of Invention*.
9. Mason, S.F., *Main Currents of Scientific Thought* Russell, B., *The Impact of Science on Society*.
10. Sarton, G., *A History of Science*.
11. Singer, Charles, *A Short History of Scientific Ideas to 1900*, OUP, 1979.
12. Spangenburg, Ray and Moser, Diane K., *The History of Science*, 5 vols. Universities Press, 1999.
13. Taylor, Sherwood, *A Short History of Science*

Semester 2: Core Paper No. 4

Credits: 4

Course Title: HS: CC - 4: Approaches to History

Objectives

The paper is designed to make the student aware about the various approaches to the discipline of History. With its roots in Indian history, the paper provides a historical review of the salient approaches that have developed over the last few centuries. It is hoped that the student will become aware of the idea that the same set of historical source materials can be interpreted in different ways depending upon the approach one takes in studying them.

Course content

1. Many Worlds of Indian History
 - i. Political, Economic, Social, Cultural Histories
 - ii. Food History, Micro-History, Family History, History and Memory
2. Early Approaches to Historical Sciences-
 - i. Colonial
 - ii. Nationalist
 - iii. Cambridge
 - iv. Marxist
3. Later Approaches to Historical Sciences
 - i. Annales
 - ii. Subaltern
 - iii. Dakar
 - iv. Feminist
4. Recent Developments
 - i. Myths, Folklore, Oral History
 - ii. Textual Criticism
 - iii. Cognitive and Cultural Turn
 - iv. Dalit and Non-Brahminical
 - v. Environmental
 - vi. Digital Turn

Select Readings:

1. Abrams, Lawrence, and Knoblauch, Kaleb, ed., *Historians without Borders: New Studies in Multidisciplinary History*, Routledge, 2018.
2. Elton, Geoffrey, *The Practice of History*, Methuen, 1967.
3. Ferro, Marc, *The Use and Abuse of History*, Routledge, 2003.
4. Sreedharan, E., *A Textbook of Historiography*, Orient Blackswan, 2004.
5. Tamm, Marek, and Burke, Peter, ed., *Debating New Approaches to History*, Bloomsbury, 2014.
6. Woolf, D.R., ed., *A Global Encyclopedia of Historical Writing*, Routledge, 2014.

7. Abrams, Lawrence, and Knoblauch, Kaleb, ed., *Historians without Borders: New Studies in Multidisciplinary History*, Routledge, 2018.
8. Elton, Geoffrey, *The Practice of History*, Methuen, 1967.
9. Ferro, Marc, *The Use and Abuse of History*, Routledge, 2003.
10. Sreedharan, E., *A Textbook of Historiography*, Orient BlackSwan, 2004.
11. Tamm, Marek, and Burke, Peter, ed., *Debating New Approaches to History*, Bloomsbury, 2014.
12. Woolf, D.R., ed., *A Global Encyclopedia of Historical Writing*, Routledge, 2014.

Marathi

- Athavale, Sadashiv, *ItihasacheTattvadnyaan*, PraadnyaPathshala, Wai,. 1986.
- Bagade Umesh, *Dalit JanivancheDvandva*, SugawaPrakasham Pune.
- BagadeUmesh, *MaharashtrateelVargaJatiPrabhtva*, SugawaPrakashan, Pune.
- Bedekar D. K., *Dharmachintan*, LokaVangmayaGruha, Mumbai.
- Bedekar D. K., *Lalit Chintan*, LokaVangmayaGruha, Mumbai.
- Bedekar D. K., *Samaj Chintan*, LokaVangmayaGruha, Mumbai.
- Bhagwat Vidyut, Pratima Pardeshi, AbrahmaniStreevadiItihasaLekhan, SugawaPrakashan, Pune.
- Carr, E.H., (tr. V.G. Lele), *ItihasMhanaje Kay?*, Continental Prakashan, Pune, 1998.
- Dahake, Vasant Abaji, et.al (ed.) *Marathi VangmayeenSandnya- SankalpanaKosh*, G.R Bhatkal Foundation, Mumbai, 2001.
- Deo, Prabhakar, *Itihas: EkaShastra*, Brain Tonic Prakashan, Nashik, 2007
- Feldhaus Anne, *Nadi ani Streetva*, Padmagandha, Pune.
- Gode P. K., *Studies in Cultural History*, 1960.
- *ItihasLekhanaMimansa*, LokaVangmayaGruha, Mumbai. 2010.
- Joshi Laxman Narayan, *MansashanaPaak Siddhi Prayoga*, Mumbai, 1930.
- KasbeRaosaheb, Manavi Jeevan Pravaha Ani Dharma Chintan, SugawaPrakashan, Pune.
- Kosambi Da. Dha., *Purankatha Ani Vastavata*, Lok VangmayaGruha Mumbai.
- Kothekar, Shanta, *Itihas: Tantra ani Tatvadnyana*, Sainath Prakashan, Nagpur, 2005.
- Lonkar Ravindra, *YuropateelArambheechyaVidyapeethancha Uday*, Diamond, Pune. 2019.
- Morje Gangadhar, *Loksahitya: Ek Swatantra Abhyaskshetra*, Dastane, Pune, 1985.
- PatoleShahu, *Anna he Apoornabrahma*, Janashakti, 2015.
- Saatbhai S., *ItihasLekhansahstra*, Vidya Books Publication, 2015.
- Sardesai, B.N., *ItihasLekhan Shastra*, PhadkePrakashan, Kolhapur, 2002.
- Urmila Pawar, *Meenaxi Moon*, AmhihiItihasGhadavila, SugawaPrakashan, Pune.
- WamburkarJaswandi, *ItihasaLekhanateel Nave Pravaha*, Diamond Prakashan, Pune.

Semester 2: Core Course No. 5

Credits: 4

Course Title: HS: CC - 5: Ideas and Institutions in Medieval India

Objectives

The course examines the nature of medieval Indian society, economy, state formations, and the main religious currents of the time. It is seen as a continuation of the course on ancient India. It is also seen to be crucial to an understanding of the nature of society, and the problems of the challenge to that society, through colonialism, at a later stage.

Course content

1. Defining medieval India
2. Sources: Perceptions, Limitations, Range
 - i. Persian sources
 - ii. Regional language sources
 - iii. Foreign sources: Travellers' accounts, European records
3. The state in medieval India: perceptions and practice
 - i. Modern theories of the medieval state: Theocracy, Feudal, Segmentary, Patrimonial-Bureaucratic
 - ii. Medieval Theories of the State: Farabi, Ghazzali, Shukracharya, Barani, Abul Fazl, Ramachandrapant Amatya
 - iii. State formation in peninsular India - Chola, Bahamani, Vijayanagar
4. Administrative Systems
 - i. Central and Provincial
 - ii. Mansabdari
 - iii. Agrarian systems
5. Society and Economy in Medieval India
 - i. Social mobility and Stratification; the emergence of new classes: Administration, agrarian, mercantile
 - ii. Religion and social change - Bhakti and Sufi
 - iii. Trade - internal and external
 - iv. Impact of the arrival of the Europeans

Select Readings

English

1. Alam, Muzaffar and Subrahmanyam, Sanjay, *The Mughal State*, Oxford India Paperbacks, 2000
2. Alavi, Seema (ed.), *The Eighteenth Century in India*, OUP, New Delhi, 2002. Anderson, P., *Passages from Antiquity to Feudalism*, London, 1981.
3. Chandra, Satish, *Medieval India (2 vols.)*, Har-Anand Publications Pvt. Ltd., Third Edition, 2006 (also available in Hindi)
4. Chitnis, K.N., *Aspects of Society and Economy in Medieval India*, Pune, 1979.
5. Habib, I., *Essays in Indian History - Towards a Marxist Perspective*, Tulika, 1995.
6. Hasan, S. Nurul, *Religion, State and society in Medieval India*, Oxford University Press, 2005 Jha, D.N. (ed.), *The Feudal Order*, Manohar Publications, 2002
7. Kulke, H. (ed.), *The State in India, 1000-1700*, OUP, 1997.
8. Marshall, P.J. (ed.), *The Eighteenth Century in Indian History: Evolution or Revolution*, OUP, New Delhi, 2003
9. Mukhia, H., *Perspectives on Medieval India*, Delhi, 1994.
10. Sharma, R.S., *Early Medieval Indian Society: A Study in Feudalisation*, Sangam Books Ltd., 2001

Marathi

1. Chandra Sateesh, *Madhyayugeen Bharat*, 2 Vols.,
2. Chitnis, K.N., *Madhyayugin Bharatiya Sankalpna wa Sanstha*, Bhalchandra Printing Press Pvt. Ltd., Bombay, 3rd Reprint, 2003.30
3. Habib Irfan, *Madhyakalin Bharat*, NBT, Delhi. 2007.
4. Moreland, W.H., *From Akbar to Aurangzeb*, tr. Rajendra Banahatti, *Akbar te Aurangzeb*, Diamond Publications, Pune, 2006.
5. Moreland, W.H., *India at the Death of Akbar*, tr. Sunanda Kogekar, *Akbarkalin Hindustan*, Diamond Publications, Pune, 2006.
6. Pagdi Setumadhavrao, *Sufi Sampraday Tattvadhyaan ani Karya*, Parchure Prakashan, Mumbai. 1953.
7. Sarkar, Jadunath, *Aurangzeb*, tr. S.G. Kolarkar, *Aurangzeb*, Diamond Publications, Pune, 2006.
8. Siddiqui, N.A., *Land Revenue System under the Mughals*, tr. P.L. Saswadkar, *Mughalkalin Mahsul Padhati*, Diamond Publications, Pune, 2006.

Semester 2: Core Paper No. 6

Credits: 4

Course Title: HS: CC - 6: Socio-Economic History of the Marathas

Objectives

The purpose of the course is to study socio-economic history of the Marathas in an analytical way, to acquaint the student with the components of social structure and their functions, to understand the relationship between religion, caste, customs, traditions, class in 17th and 18th century Maratha Society, to enable the student to understand aspects of economic life, to trace the determinants of changes in social and economic life.

Course Content

1. Defining socio-economic history
2. Sources: Perceptions, Limitations, Range
 - i. Literary
 - ii. Foreign
 - iii. Archival
 - iv. Miscellaneous
3. Social institutions
 - i. Village community
 - ii. Social stratification and mobility
 - iii. Caste and community
 - iv. Marriage and family
 - v. Fairs and festivals
 - vi. Education
4. Agrarian System
 - i. Types of land
 - ii. Assessment of land
 - iii. Methods of land revenue collection
5. Trade, Industries and handicraft
 - i. Centres of trade
 - ii. Trade routes
 - iii. Major and minor industries
 - iv. Types of coins
 - v. Banking houses

Select Readings

English

1. Chitnis K.N., *Socio-Economic History of Medieval India*, Atlantic, Delhi, 2002.
2. Chitnis, K. N., *Glimpses of Medieval Indian Ideas and Institutions*; Pune, 1981.
3. Chitnis, K. N., *Socio-Economic aspects of Medieval India*; Pune, 1979.
4. Desai, Sudha, *Social life in Maharashtra under the Peshwas Period*; Bombay, 1980.
5. Desai, Sudha, *Social life in Maharashtra under the Peshwas*, Bombay, 1980
6. Divekar, V. D., *Survey of Material in Marathi on the Economic and Social History of India*.
7. Fukazawa, H., "State and Caste system (jati) in the eighteenth century Maratha Kingdom" in *Integration in India* (ed.); by Sinha, M. R. Bombay, 1971.
8. Fukazawa, H., *Land and peasant in the eighteenth century Maratha Kingdom* Hitotahubashi Journal of Economics; VI (I), P, Pune, 1976.
9. Fukazawa, H., *Rural Servants in the eighteenth Century Maharashtrian Village* :Hitotsubashi Journal of Economics; XII (2), 1972.
10. Gokhale, B. G., *Poona in the Eighteenth Century : An Urban Study*; Oxford, 1987
11. Joshi, S. N. and Bhingare, L. M. (eds.) *Ajnapatra Ani Rajnoti*; Pune, 1960.
12. Kulkarni A.R., *Explorations in the Deccan History*, Pragati & ICHR, Delhi, 2006.
13. Kulkarni A.R., *Maharashtra: Society and Culture*, Books & Books, Delhi, 2000.
14. Kulkarni, A. R., *Maharashtra in the Age of Shivaji*; Pune, 1969.
15. Kulkarni, A.R., *Medieval Maharashtra*, Books and Books, New Delhi, 1996
16. Kulkarni, A.R., *Medieval Maratha Country*, Books and Books, New Delhi, 1996.
17. Kumar, Dharma (ed.), *The Cambridge Economic History of India, Vol. II*, Orient Longman, in association with OUP, Delhi, 2005.
18. Mahajan T.T., *Trade, Commerce and Industries under the Peshwas*, Pointer Publishers, Jaipur, 1989.
19. Mahajan, T. T., *Industry, Trade and Commerce during the Peshwa Period*; Jaipur, 1980.
20. Raychaudhuri, Tapan and Habib, Irfan (ed.), *Cambridge Economic History of India, Vol. I*, Orient Longman, in association with OUP, Delhi, 2005.
21. Wink, Andre, *Land and Sovereignty in India*,

Marathi

1. Avalaskar. S. D., *Nagaon*, GIPE, Pune.
2. Atre, Trimbak Narayan, *Gav-Gada*, Varada, Pune, 1995
3. Bhawe, V.K., *Peshwekalin Maharashtra*, Varada, Pune, 1998.
4. Chapekar, N.G., *Peshwaichya Savlit*, Pune, 1936.
5. Joshi, S.N., *Marathekalin Samaj Darshan*, Anath Vidyarthi Gruha, Pune, 1960.
6. Oturkar, R.V., *Peshwekalin Samajik Vaaarthik Patravayavahar*, BISM, Pune, 1950.
7. Gavali, P.A., *Peshwekalin Asprushyata*
8. Gavali, P.A., *Peshwekalin Gulamgiri*
9. Gavali, P.A., *Peshwekalin Jatisangharsh*
10. Oturkar, R.V., *Maharashtracha Patrarup Itihas*

Semester 2: Elective Course No. 09

Credits: 4

Course Title: HS: EC - 09: Marathas in 17th and 18th Century: Power Politics

Objectives

The course intends to study the role played by the Marathas in the context of India, the changing nature of Maratha State, to understand and analyse the Maratha expansionism and its significance in various spheres.

Course Content

1. Origin and Basis of Maratha political power
2. Ideologies and Institutions of the Marathas
 - i. Maharashtra Dharma
 - ii. Swarajya
 - iii. Watan
 - iv. Saranjam
3. Nature of Maratha State
 - i. State in the 17th century
 - ii. State in the 18th century
 - iii. Excursus of theories on the state
4. Maratha Confederacy
 - i. Concept
 - ii. Nature
5. Maratha Expansionism
 - a) Conquest and Stay
 - i. Malwa
 - ii. Bundelkhand
 - iii. Gujarat
 - iv. North Karnataka
 - v. Orissa
 - b) Sphere of Influence
 - i. Bengal and Orissa
 - ii. Rajasthan
 - iii. Antarveda
6. Incorporation of Maratha State into colonial state

Select Readings

English

1. Alavi, Seema (ed.), *The Eighteenth Century in India*, OUP, New Delhi, 2002
2. Chandra, Satish, *The Eighteenth Century in India: Its Economy and the Role of the Marathas, the Jats, the Sikhs and the Afghans*, Kolkata, K.P. Bagchi, 1986.
3. Gordon, Stewart, *Marathas, Marauders and State Formation in the 18th century* Kadam, V.S., Maratha Confederacy
4. Marshall, P.J. (ed.), *The Eighteenth Century in Indian History: Evolution or Revolution*, OUP, New Delhi, 2003
5. Ranade M.G., *The Rise of Maratha Power*, Bombay, 1900.
6. Sinh, Raghubir, *Malwa in Transition*.

Marathi

1. Gordon Sewart, (tr. Kulkarni), *The Marathas*, Diamond Publications, Pune, 2018.
2. Khobrekar V.G., *Maharashtracha Itihas, Maratha Kalkhanda Vol. 2 (1707-1818)*, Bombay, 1988.
3. Khobrekar V.G., *Gujaratetil Marathi Rajwat*, Pune, 1962.
4. Kulkarni A.R., Khare G.H. (ed.), *Marathyancha Itihas, Vol. I to III*, Continental, Pune, 1984 (Vol. I), 1985 (Vol. II), 1986 (Vol. III).
5. Sardesai G.S. *Marathi Riyasat: Purva, Madhya, and Uttar vibhag*, Popular, Bombay, 1988.

Semester 2: Elective Course No. 10

Credits: 4

Course Title: HS: EC - 10: Nature of Dalit Movement in Maharashtra

Objectives

The paper is developed to analyze the ideology and organization of the Dalit Movement in Maharashtra. Dr. Babasaheb Ambedkar led the Dalit Movement and achieved many kinds of justices to Dalits. He had to fight against inequality and atrocities imposed due to socio-economic and political structure of Hindu society. He had to fight on various fields at the same time such as political, social, economic, religious etc. The attempt here is to help students to understand the details of the most important and neglected socio-religious reform movement in Maharashtra with its root causes. The paper attempts to help students to understand the ideology of Dr. Babasaheb Ambedkar who was the unchallenged leader of the Dalit Movement.

Course Content

1. Ambedkarism: The Theory of Dalit Liberation- Dr. Babasaheb Ambedkar's Ideology
 - i. Educational Thoughts of Dr. Babasaheb Ambedkar
 - ii. Socio-religious Thoughts of Dr. Babasaheb Ambedkar
 - iii. Political Thoughts of Dr. Babasaheb Ambedkar
 - iv. Economic Thoughts of Dr. Babasaheb Ambedkar
2. Dalit Movement under the leadership of Dr. Babasaheb Ambedkar
 - i. Newspapers: Mooknayak, Bahishkrut Bharat, Janata, Prabuddha Bharat
 - ii. Bahishkrut Hitkarini Sabha, Samaj Samta Sangh and People's Education Society
 - iii. Mahad Satyagraha and Burning of Manusmruti
 - iv. Kalaram Temple Entry Satyagraha
3. The Dalit Movement and Politics
 - i. Southborough Committee on Franchise
 - ii. Simon Commission
 - iii. Round Table Conferences
 - iv. Poona Pact
 - v. Gandhi-Ambedkar Debate
4. Political Development of Dalit Movement
 - i. Independent Labour Party
 - ii. Scheduled Caste federation
 - iii. Republican Party of India

5. Dr. Babasaheb Ambedkar in the Constituent Assembly and as Law Minister of India
 - i. Role of Dr. Babasaheb Ambedkar in making of Indian Constitution
 - ii. Safeguards for Scheduled Castes and Scheduled Tribes
 - iii. Hindu Code Bill
6. The Religious Conversion Movement, 1935-1956
 - i. Announcement of Conversion
 - ii. Conversion to Buddhism
7. Nature of Post-Ambedkarite Dalit Movement: A Brief Survey
 - i. Republican Party of India
 - ii. Karmveer Dadasaheb Gaikwad
 - iii. Dalit Panther
 - iv. Relevance of Dalit Movement
8. Dalit Consciousness and other Modes of Expression
 - i. Dalit Literature
 - ii. Press
 - iii. Ambedkari Jalse
 - iv. Dalit Rangbhumi

Select Readings

English

1. Ambedkar B. R. *'Annihilation of Caste'*, Dr. Babasaheb Ambedkar Writings and Speeches, Govt. of Maharashtra, Mumbai, 2013.
2. Ambedkar B. R., Dr. Babasaheb Ambedkar Writings and Speeches, Vol. II, Govt. of Maharashtra, Mumbai, 1987.
3. Ambedkar B. R., *'Conversion As Emancipation'*, Critical Quest, New Delhi, 2004.
4. Ambedkar B. R., *'Buddha or Karl Marx'*, Dr. Babasaheb Ambedkar Writings and Speeches, Vol. III, Govt. of Maharashtra, Mumbai, 1987.
5. Ambedkar B. R., *'Buddha and His Dhamma'*, Dr. Babasaheb Ambedkar Writings and Speeches, Vol. XI, Govt. of Maharashtra, Mumbai, 1987.
6. Bagade Umesh, *'Ambedkar's Historical Methods'* Critical Quest, New Delhi, 2015
7. Christophe Jeffrelot, *'Dr. Ambedkar and Untouchability'*, Permanent Black, New Delhi, 2005.
8. Eleanor Zelliot, *'From Untouchable to Dalit'*, Manohar Publishers, New Delhi, 1992
9. Eleanor Zelliot, *'Ambedkar's World: The Making of Babasaheb and the Dalit Movement'*, Navayana, New Delhi, 2016.
10. Eleanor Zelliot, *'Ambedkar's Conversion'*, Critical Quest, New Delhi, 2005.
11. Gail Omvedt, *'Dalits And The Democratic Revolution'*, Sage Publications, New Delhi, 2011.
12. Kuber W. N., *'Ambedkar A Critical Study'*, Peoples Publishing House, New Delhi, 1973.

13. Moon Vasant, '*Dr. Babasaheb Ambedkar*', National Book Trust, India, New Delhi, 2002.
14. MukerjeeHitendra Nath, '*Gandhi, Ambedkar and the Extirpation of Untouchability*', Peoples Publishing House, New Delhi, 1984.
15. Patankar Bharat, Gail Omvedt, '*The Dalit Liberation Movement in Colonial Period*', Critical Quest, New Delhi, 2004.
16. Patankar Bharat, '*Contemporary Caste System*', Critical Quest, New Delhi, 2015.
17. Pawar, J.V.,(tr. Yogesh Maiktrey), *Ambedkarite Movement after Ambedkar*, Pnthaer's Paw, Mumbai, 2016.
18. Rege Sharmila, (Selected and Introduced), '*B.R. Ambedkar's Writings on Brahmanical Patriarchy Against the Madness of Manu*', Navayana, New Delhi, 2013.
19. Valerian Rodrigues, '*Dalit-Bahujan Discourse*', Critical Quest, 2008.

Marathi:

1. Atre, Truimbak Narayan, *Gav-Gada*, Mumbai, 1959
2. Bhagat, R.T. (ed.), *Sant Sahitya Ani AndhashraddhaNirmulan*, Chaitanya Prakashan, Kolhapur, 2002
3. Bhagat, R.T. (ed.), *Sant Sahitya Ani Dalit samvedan*, Chaitanya Prakashan, Kolhapur, 2003
4. Dandge, Manorama, *PrachinwaMadhyayuginBharatachaItihas*, Amaravati, 2004
5. Gawali, P.A., *PeshwekalinSamajwaJaticha Sangharsh*, Kolhapur, 1982
6. Gawali, P.A., *PeshwekalinGulamgiriwaAsprishyata*, Kolhapur, 1990
7. Kausalyayan, Bhadant Anand, *Manusmriti Ka JalaniGeli?*, Nagpur
8. Keer, Dhananjay, *Mahatma Jyotiba Phule: amchyaSamajKranticheJanak*, Mumbai, 1975
9. Khairmode, ChangdevBhagvanrao, *Dr. Bhimrao Ramji AmbedakarCharitra*, Vols. 1-9, Mumbai
10. Keer, Dhananjay and Malse, S.G. (ed.), *MahatmaPhule SamagraVangmaya*, Mumbai, 1988
11. Kosare, H.L., *Vidarbhatil Dalit ChalvalishaItihas*, Nagpur, 1984
12. Moon, Vasant, *MadhyaprantVarhadatilAmbedkarpurva Dalit Chalwal*
13. Nawalkar, H.N., *Shivaram JanbaKamble*, Pune, 1930
14. Phadke, Bhalchandrt, *Dr. Babasaheb Ambedkar*, Pune 1985.
15. Vaidya, Prabhakar, *Dr. Babasaheb Ambedkar ani Tyancha Dhamma*, Mumbai, 1989.

Semester 2: Elective Course Paper No. 11

Credits : 4

Course Title: HS: EC- 11: History of Medieval Deccan: Rashtrakuta to Deccan Sultanate

Objectives

The course aims at making the student aware of the developments in the region, and to locate the history of Medieval Deccan in the context of regional history.

Course Content

1. Rashtrakuta period
 - i. Sources
 - ii. Reconstructing political history
 - iii. Religion, Society and Economy
 - iv. Cultural Legacy: Kailasha Temple
2. Yadav period
 - i. Sources
 - ii. Political conflict with Delhi Sultanate
 - iii. Religion, Society and Economy
 - iv. Cultural Legacy: Mahanubhaav
3. Reddy and Faruqi Period
 - i. Sources
 - ii. Reconstructing Political History
 - iii. Religion, Society and Economy
 - iv. Cultural Legacy: Kondaveedu Fort and Faruqi Textiles and Urban Centers
4. Vijayanagar period
 - i. Sources
 - ii. Nature of State: Segmentary state model
 - iii. Economy and Merchant guilds
 - iv. Cultural Legacy: Hampi
5. Bahamani and Deccan Sultanate period
 - i. Sources
 - ii. Political Factions
 - iii. Religion, Society and Administration,
 - iv. Cultural Legacy: Domes and Qanat, Dakkhani Language

Select Readings

1. Altekar, AS, *The Rashtrakutas and their Times*, Oriental Book Agency, Poona, 1934
2. Bhandarkar, RG, *Early History of, the Deccan down to the Muhammadan conquest*, Bombay, 1884.
3. Desai, P.B. (ed.), *A History of Karnatak*, 1970.

4. Gopal, BR, *The Rashtrakutas of Malkhed, Studies in their History and Culture*, Geetha Book House, Mysore, 1994
5. Heras, H., *The Aravindu Dynasty of Vijaynagar*; Madras, 1927.
6. Husain Agha M., *Khandesh in New Light*; 1963.
7. J. N. Chaudhary-*Malik Amber*.
8. Kulkarni, A.R., (ed.), *Medieval Deccan*, P.M. Joshi Felicitation volume, 2003.
9. Majumdar, RC (ed.), *The Classical Age*, Bharatiya Vidya Bhawan, Bombay, 1954
10. Narasimha Murthy, AV, *The Sevunas of Devagiri*, Mysore, 1971.
11. Nilkanta Sastry, K. A., *A History of South India*; 4th Edition Delhi, 1976.
12. Nizami, K.A., *A Comprehensive History of India*, Vol. V., Delhi, 1970 .
13. R. Sewell, *Forgotten Empire*; New Delhi, 1980.
14. RadheyShyam, *The Kingdom of Ahmednagar*, Motilal Banarsidas, Delhi, 1966
15. Ramsharma M. H., *The History of the Vijaynagar Empire; Vol. I and II* Bombay, 1978
16. Sarma, Somsekara, *History of Reddi Kingdoms*, Andhra University, 1946.
17. Sherwani, H.K., and Joshi, P.M., (ed.) *History of Medieval Deccan*, Vol. I and II, Hyderabad
18. Sherwani, H.K., *Cultural Trends in Medieval India*, Asia Publishing House, Bombay, 1968
19. Sherwani, H.K., *The Bahmanis of the Deccan*, Hyderabad, 1953.
20. Shyam, Radhey, *The Kingdom of Khandesh*, Idarah-i-Adabiyat-i-Delli, Delhi.
21. Singh, Upinder, *A History of Ancient and Early Medieval India*, Pearson Publication, New Delhi, 2016
22. Sinha, S. K., *Medieval History of the Deccan; Vol. I*, Bahamins, Hyderabad, 1964.
23. Varma, O.P., *The Yadavas and their Times*; Nagpur, 1970.
24. W. Haig, *Historical Landmarks of the Deccan*; Allahabad, 1907.
25. Yazdani, G, *Early History of the Deccan*, OUP, 1982

Marathi

1. Bendre.V.S. *Ahmadnagarchi Nizamshahi*. BISM, Pune. 1934.
2. Bendre V. S. *Govalkondyachi Qutbshahi*, BISM, Pune. 1934
3. Bendre V. S. *Vijapurchi Adilshahi*, Mumbai. 1968.
4. *Gazetteer of Ancient Maharashtra*, Maharashtra State Gazetteers, Mumbai, 2003.
https://gazetteers.maharashtra.gov.in/cultural.maharashtra.gov.in/english/gazetteer/list_state1.html
5. Mahajan, T.T., *Khandeshcha Samajik v Sanskritik Itihas*.
6. Mahajan V. D., *Prachin Bharat ka Itihas*, S. Chand, Delhi.
7. Panase M. G., *Yadavkalin Maharashtra*, Mumbai Marathi Grantha Sangrahalaya 1963.
8. Sardesai G. S., *Musalmani Riyasat*, Ganesh Mahadeo & Co. Pune. 1927.
9. Tripathi Ramprasad, *Vijaynagar Samrajya ka Itihasa*, Bangal Hindi Mandal.

Semester 2: Elective Course No. 12

Credits: 4

Course Title: HS: EC - 12: Art and Architecture in Medieval India

Objectives

The paper intends to strengthen the understanding of cultural history through the study of forms, techniques, and growth of Indian art and architecture. This paper is a continuation of the earlier paper on art and architecture.

Course Content

1. Developments in architectural styles and techniques
 - a) Dravida
 - b) Nagara
 - c) Vesara
 - d) Hemadpanthi
2. Regional developments in art and architecture
 - a) North India
 - i. Paramara
 - ii. Chandela
 - b) Western India
 - i. Chalukya, Solanki
 - ii. Western Indian Manuscript Painting
 - c) Eastern India
 - i. Pala
 - ii. Konark
 - iii. Gaur-Pandua
 - d) South India
 - i. Chola
 - ii. Pandya
 - iii. Hoysala
 - iv. Vijayanagar
 - v. Kakatiya

3. Art and Architecture under the Sultanates

- a) Delhi
 - i. Qutb Complex
 - ii. Seven cities of Delhi
- b) Regional styles
 - i. Deccan
 - ii. Gujarat
 - iii. Malwa
 - iv. Rajasthan
 - v. Bengal

4. Mughal Art and Architecture

- a) Developments in Architectural forms: Fort, Mosque, Tomb
- b) Painting
 - i. Miniature
 - ii. Composite
 - iii. Manuscript
 - iv. Artists
 - v. Schools of Art
 - vi. European influence

5. 18th century developments in art and architecture

- a) Painting - Rajasthani, Deccan, Kangra, Baramahi, Ragamala
- b) Architecture- i. Observatories - Jantar Mantar ii. European style

Select Readings

1. Brown, Percy, *Indian Architecture (Islamic period)*, Vol. 2, Bombay, 1964.
2. Brown, Percy, 'Monuments of the Mughul Period', Cambridge History of India, Vol. IV, Cambridge, 1937.
3. Brown, Percy, *Indian Painting under the Mughals, A.D. 1550-1750*, Oxford, 1924. Barrett, D. & Gray, B., *Paintings of India*, Lausanne, 1963.
4. Fergusson, J., *History of Indian and Eastern Architecture*, Revised by J. Burgess and Phene Spiers, 2 Vols., London, 1910.
5. Krishnadasa Rai, *Mughal Miniatures*, New Delhi, 1955.
6. Mehta, N.C., *Studies in Indian Paintings*, Bombay, 1926.
7. Saraswati, S.K., *Glimpses of Mughal Architecture*, Calcutta, N.D.

Marathi

1. Mate Madhukar Shripad, *Bharateeya Kala Ani Sthapatya*,
2. Mate Madhukar Shripad, *Madhyayugeen Sthapatya Kala*,
3. Mate Madhukar Shripad, *Prachin Kala Bharati*, Continental Prakashan, Pune.
3. Vajpeyi Krishna Datta, *Bharateeya Vastukala ka Itihas*, Hindi Samiti, Lucknow.

Semester 2: Elective Course No. 13

Credits: 4

Course Title: HS: EC - 13: Economic History of Medieval India

Objectives

The paper is designed to help understand the nature, structure and potential of Medieval Indian economy.

Course Content

1. Defining economic history

2. Agrarian systems

- i. Early medieval systems: land grants
- ii. Agrarian systems of the sultanate: land revenue policies, the iqta system
- iii. Mughal land revenue systems
- iv. Jagirdari system, the zamindars

3. Trade

- i. Intra-regional, inter-regional, external trade
- ii. Trade routes
- iii. Banjaras and internal trade
- iv. The south Indian guilds
- v. Impact of the Europeans
- vi. Currency and banking, hundis
- vii. Urbanisation

4. Industries

- i. Textile Industry
- ii. Dyeing industry
- iii. Saltpetre industry

5. Taxation

- i. Customs duties
- ii. Tolls

English

1. Champakalakshmi, R., *Trade, Ideology and Urbanisation*, Delhi, 1999.
2. Curtin, P., *Cross-Cultural Trade in World History*, Cambridge, 1984
3. Das Gupta, A. and Pearson, M.N., *India and the Indian Ocean, 1500-1800*, Calcutta, 1987
4. Habib, I. and Raychaudhuri, T., *Cambridge Economic History of India*, Vol. I, 1982.
5. Habib, I., *Agrarian System of Mughal India*, revised edition, Delhi, 1999.
6. Moreland, W.H., *Agrarian System of Moslem India*, Delhi, 1968.
7. Subrahmanyam, S., *Political Economy of Commerce, Southern India, 1550-1650*, Cambridge University Press, 1990.

Marathi

1. Chitnis, K.N., *MadhyayuginBharatiyaSankalpana wa Sanstha*, Bhalchandra Printing Press Pvt. Ltd., Bombay, 3rd Reprint, 2003.
2. Moreland, W.H., *From Akbar to Aurangzeb*, tr. Rajendra Banahatti, *Akbar te Aurangzeb*, Diamond Publications, Pune, 2006.
3. Moreland, W.H., *India at the Death of Akbar*, tr. Sunanda Kogekar, *AkbarkalinHindustan*, Diamond Publications, Pune, 2006.
4. Sarkar, Jadunath, *Aurangzeb*, tr. S.G. Kolarkar, *Aurangzeb*, Diamond Publications, Pune, 2006.
5. Siddiqui, N.A., *Land Revenue System under the Mughals*, tr. P.L. Saswadkar, *MughalkalinMahsulPadhati*, Diamond Publications, Pune, 2006.

Semester 2: Elective Course No. 14

Credits: 4

Course Title: HS: EC - 14: East Asia: China, 1900 - 2000

Objectives

The course is specially designed to help the student to know Chinese history; China's relation with other powers; China's economic and military resurgence; and the impact of all this on world politics.

Course content

1. China in the 19th century: a brief survey
2. The Nationalist Revolution and early 20th century political developments
 - i. Sun-Yat Sen
 - ii. Chiang Kai-Shek and Kuomintang
 - iii. The Chinese Communist Party
3. China from 1949 till 2000
 - i. Establishment of the Communist Republic of China
 - ii. Establishment of the People Republic of China
 - iii. Cultural Revolution
 - iv. Liberalization of Economy
 - v. Pro-Democracy Movements - Tiananmen incident
4. Chinese Foreign Policy
 - i. USA
 - ii. USSR
 - iii. India
 - iv. Taiwan
 - v. Japan
5. Modernisation of China
 - i. Agriculture
 - ii. Science and Technology
 - iii. Industry
 - iv. Military

Select readings.

1. Choneaux , Jean, *China- The People's Republic*, Harvester Press, 1979.
2. Fairbank John King and Goldman Mesle, *China : A New History*, New Delhi
3. Fitzgerald, C.P., *The Birth of Communist China*, Pelican books, 1971.
4. Hsiu Emmanuel, *The Rise of Modern China*
5. McAleavy, B., *Modern History of China* Snow, Edgar, Red Star over China
6. Walker , R.L., *China under Communism*, London, 1956.

Hindi

1. Varma, Girijashankar, *Adhunik Chin ka Itihas*, Abhinav Bharti Granthmala, Kolkata.

Semester 2: Elective Course No. 15

Credits: 4

Course Title: HS: EC-15: History of Southeast Asia

Objectives

To enable the student to understand the historic and the current global context of Southeast Asia.

Course Content

1. Defining the region in history and geography
2. A brief survey of the pre-Colonial political history
3. Culture and Society
 - i. Impact of religion and its diffusion
 - ii. Ethnic and religious minorities
 - iii. Migration patterns
4. Nationalism and anti-colonial movements
5. Post-colonial developments: Southeast Asia and the Global economy

Select Readings:

1. Barlow, Colin, ed., *Institutions and Economic Change in Southeast Asia: The Context of Development from the 1960s to the 1990s*, Edward Elgar, 1999
2. Reid, Anthony, *Southeast Asia in the Age of Commerce*, 2 volumes, Yale, 1988

Semester 2: Elective Course No. 16

Credits: 4

Semester II- HS: EC-16 History of Science and Technology in India

Objectives

The paper aims to acquaint the student with the scientific attitudes nurtured and developed by Indian scientists through the ages. It is hoped that the student will learn to analyse the philosophical background of science, its implications in terms of technology and to assess the role of scientific progress in the process of modernisation of India.

Course Content

1. Early Indian attitudes towards Science and Technology
 - i. Astronomy
 - ii. Mathematics
 - iii. Medicine
 - iv. Technology : Metallurgy, Architecture and craft
2. Medieval Indian attitudes towards Science and Technology
 - i. Astronomy : Sawai Jaisingh
 - ii. Medicine
 - iii. Technology : Agriculture, Textile, Metallurgy, paper making
3. Colonial attitudes towards Science and Technology
 - i. Colonial Knowledge
 - ii. Colonial Policies and Indian Responses
 - iii. Science and Technology in popular media
4. Independent India's attitudes towards Science and Technology
 - i. Nehruvian Era
 - ii. Atomic Energy- BARC
 - iii. Indian Institutes of Technology
 - iv. Hydro-Electric Power Generation
 - v. Green Revolution
 - vi. ISRO
 - vii. The Konkan Railway

Select Readings:

1. Bag A. K. (ed.) *History of Technology in India; Vol I*, New Delhi, 1997.
2. Barnett L. D. *Antiquities of India*.
3. Bose, D.M., Sen, S.N. and Subbarayappa, B.V. (eds.), *A concise History of Science in India*, New Delhi, 1971.
4. Chattopadhyay D. P., *History of Science and Technology in Ancient India - The Beginning* Calcutta, 1986.
5. Chattopadhyay D. P., *History of Science and Technology in Ancient India-II* - Calcutta, 1991.
6. DagliVadilal, *Science and Technology in India*; New Delhi, 1982.
7. Deepak Kumar, *Technology and the Ray*.
8. Dharampal, *Indian Science and Technology in the 18th Century*; Delhi, 1971.
9. Dutt R. C., *A History of Civilization in Ancient India*.
10. Garratt G. T., *The legacy of India*.
11. Gupta S. P., *Modern India and Progress in Science and Technology*; Delhi, 1979.
12. Habib, I., *Technology in Medieval india 650-1750*, Tulika Books.
13. Jaggi O. P., *Scientists of Ancient India*, Delhi, 1969.
14. Jaggi, O.P., *Dawn of Indian Science*, Delhi, 1969.
15. Jaggi, O.P., *Dawn of Indian Technology*, Delhi, 1969.
16. Kumar, Deepak, *Science and the Raj (1857-1905)*, OUP, 2000.
17. Nanda B. R., *Science and Technology in India*; New Delhi, 1977.
18. Ray, P.C., *The History of Hindu Chemistry*, Cosmo Publication.
19. Ray A. And Bayrchi S. K., *Technology in Ancient and Medieval India*; Delhi, 1986.
20. Ray, A and Bagchi, S.K. (eds.), *Technology in Ancient and Medieval India*, Delhi, 1986.
21. S. Mohan and Ashok Jain, *Science and Technology*; New Delhi, 1999.
22. Sarkar Benoy Kumar, *Hindu Achievements in Exact Sciences*; 1918.
23. Satya Prakash, *Founders of Sciences in Ancient - India*.
24. Seal Brajendranath, *The Positive Sciences of the Ancient Hindus*, London, 1958.
25. Singh V. B., *Economic History of India*; Bombay, 1965.

Marathi And Hindi

1. Muley Gunakar, *BhartiyVidyan Ki Kahani*, RaajkamalPrakashan, Delhi.
2. Muley, Gunakar, *Prachin Bharat Kemahanvaidyanik*, RajkamalPrakashan, 2011
3. Dixit Raja, *EkonisavyaShatakatiVijnyanvishayakLikhan*, SPPU, 2018.
4. Ashokan, M.S., *MetromanShreedharan*, tr. (Marathi) Avadhoot Dongare, Rohan Pub;ication.



Savitribai Phule Pune University, Pune

Faculty of Humanities

M.A. (Sem. III & IV) in History

Choice Based Credit System Syllabus

To be implemented from the Academic Year 2020-2021

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for M.A.II (Credit System) from the academic Year 2020-21

Under the Faculty of Humanities

Semester III

Core Courses

7. Cultural History of Maharashtra
8. Intellectual History of the Modern World
9. Economic History of Modern India

Elective courses

17. Dissertation
18. East Asia: Japan (1853-2000)
19. Peasant Movements in India (Medieval and Modern)
20. Archival Studies
21. Maritime history of India (800 – 1800 A.D)
22. History of Environment and Ecology
23. Business History of India 1858-1991
24. Socio-Religious Reforms in South India

Semester IV

Core courses

10. Modern Maharashtra: History of Ideas
11. Debates in Indian Historiography
12. World after World War II (1945-2000)

Elective Courses

- 25. Ancient and Medieval civilizations of the World
- 26. Urban History
- 27. British administrative policies in India 1765- 1892
- 28. Modern India
- 29. History of USSR 1900-1991
- 30. Global South: Challenges to Authority
- 31. Pune through the Ages
- 32. Heritage management

SEMESTER III

Semester III: Core Paper No. 7

Credits :4

Course Title: Cultural History of Maharashtra

Objectives: This paper is designed to help the student situate and interpret the cultural manifestations across historical memory which have contributed to the creation of the geopolitical region of Maharashtra.

1. **Defining the term ‘Culture’**

- a. Cultural History to Cultural Studies
- b. Material Culture and Cultural Material
- c. Critical theories and New Cultural Studies

2. **Material Culture of Early Maharashtra**

- a. Ecological, Geological and Archaeological settings of Early Maharashtra
- b. Cultural fusion –Caves of Ajanta, Ellora, Panhale Kaji, Junnar and Karle Bhaje
- c. Satavahana’s Material Culture

3 **Maharashtra as a place of cultural fusion**

- a. Indo-Islamic Contacts and Mutual Cultural Impacts
- b. Religious and Philosophic cults- Shakta, Nath, Mahanubhav, Varkari, Sufi, Ramdasi and Datta
- c. Marathi Muslim, Khristi and Bene Israeli culture

4. **Marathi cultural spheres**

- a. Modernity and Cultural Production –Printing, Public sphere and Literature in Princely States (Under Sharphoji Raje Bhonsle, Sayajirao Gaikwad, Shahu Maharaj etc.)
- b. New Cultural Narratives-Satyashodhak, feminist and Dalit publics

- c. Marathi Natak
- d. Bombay Film industry

Select Reading

English

1. Ballhatchet, Kenneth, Social Policy and Social Change in Western India: 1817-1830, Oxford University Press, London, 1961.
2. Bhagvat, A.K., Maharashtra: A Profile, Pune, 1977.
3. Joshi, S.N., Shivaji and Facets of Marathi Culture, Sage Publications India.
4. Mate, M.S., Maratha Architecture, University of Pune, Pune, 1959

Marathi

1. Bhave, V.L., Maharashtra Saraswat, Vol. I and II, Popular, Bombay, 1982.
2. Gosavi, R.R., MaharashtratilPanch Bhakti Sampradaya
3. Karve, Iravati, Marathi Samskruti.
4. Panse, M.G., Yadava Kalin Maharashtra
5. S.G., Panch Santa Kavi, Pune,
6. Sahastrabuddhe, P.G., Maharashtra Samskruti, Continental, Pune, 1979
7. Sardar, G.B. (ed.), Maharashtra Jeevan, Vols. I and II.
8. Sardar, G.B., Sant VangmayachiSamajikPhalashruti, 1970
9. Shenolikar,H.S., and Deshpande, P.N., MaharashtrachaSamajika – SanskritikaItihas, Revised ed., K' Sagar Publications, Pune.
10. Tulpule S. G. , Pracheen Marathi KoreevaLekha.

Semester III: Core Paper No. 8

Credits:4

Course Title: Intellectual History of Modern World

Objectives: The paper is seen as a prerequisite for understanding the concepts that are used in history, to acquaint the student with the intellectual activity that played an important role in shaping events; the transition from medieval to modern times.

Content:

1. Humanism and Renaissance
 - a. Philosophy
 - b. Art and Architecture
 - c. Literature
2. Protestant Reformation and Counter-reformation
 - a. Lutheranism
 - b. Calvinism
 - c. Anglicanism
3. Revolution in Scientific thinking
 - a. Copernican Revolution
 - b. Galilean Revolution
 - c. Newtonian Revolution
4. Enlightenment and the French Revolution
 - a. Liberty
 - b. Equality
 - c. Fraternity
 - d. Rational Modernity
5. Post-enlightenment Ideas
 - a. Liberalism
 - b. Capitalism
 - c. Colonialism
 - d. Nationalism
 - e. Marxism
6. Twentieth Century Ideas

- a. Democracy
- b. Totalitarianism
- c. Existentialism
- d. Feminism
- d. Post-modernism

Select Readings

1. Anderson, P, Lineages of the Absolutist State
2. Ashley (ed.), M., The Limits of Enlightened Despotism: A History of Europe (1648-1815), Prentice- Hall, 1973.
3. Barry, Peter, Beginning Theory: An introduction to literary and cultural theory, Manchester
4. Civilization, 2 vols., Macmillan, 1986
5. Craig, A.M., Graham, W.A., Kagan, D., Ozment, S., and Turner, F.M., The Heritage of World ed., 1948, Eurasia Publishing House Pvt. Ltd., New Delhi (Indian Ed.), 1994 (7th Indian Reprint)
6. Hause, S. and Maltby, W., The Essentials of Western Civilization, Wadsworth, USA, 2001.
7. Modell, S., A History of the Western World, 2 vols., Prentice-Hall Inc., New Jersey, 1974
8. New, J.F., The Renaissance and the Reformation: A Short History, New York, 1969. Parry, J.H., The Age of Renaissance, London, 1963.
9. Phukan, Meenaxi, Rise of the Modern West, Macmillan India Ltd., New Delhi, 1998
10. Russell, Bertrand, History of Western Philosophy, Routledge, London, 2000.
11. Smith, A.G.R., Science and Society in the Sixteenth and Seventeenth Centuries, London, 1972.
12. Smith, B.G., Changing Lives: Women in European History since 1700, Lexington, Mass., 1989.
13. Swain, J.E., A History of World Civilization, The McGraw Hill Book Company Inc., 2nd University Press, Manchester and New York, 1995.

Marathi

1. Bapat Ram, Marxvaad, Pune.
2. Dahake, Vasant Abaji, et.al (ed.) Marathi VangmayeenSandnya- SankalpanaKosh, G.R Bhatkal Foundation, Mumbai, 2001.
3. Desai Datta, AdhunikatecheAgman, Unique Publication
4. Dole, N.Y., RajakiyaVicharachaItihas.
5. Kothekar, Shanta, Itihas: Tattva ani Vyavahar.
6. Lonkar R, Yuropatil arambhichyA Vidyapithacha Uday

7. Malshe Milind and Joshi Ashok, Adhunik Sameeksha Siddhanta, Mouj Prakashan, Mumbai 2013
8. Pawar M., Marxcha manav vichar
9. Shirwadkar K.R. Aple vicharvishwa

Semester III: Core Paper No. 9

Credits :4

Course Title: Economic History of Modern India

Objectives

To acquaint the student with structural and conceptual changes in Indian economy after coming of the British, to make them aware of the exploitative nature of the British rule, to help them understand the process of internalization by Indians of new economic ideas, principles and practices.

Content

1. European economic interests in India and colonial economy
 - a) Mercantilist phase
 - b) Free trade phase
 - c) Financial imperialism phase
2. Agrarian settlements
 - a) Permanent settlement
 - b) Ryotwari system
 - c) Mahalwari system
 - d) Commercialization of agriculture and its effects
3. Industry
 - a) De-industrialization
 - b) Development of modern industry: Textile, Mining, Iron and Steel, Shipping
 - c) Railways
 - d) Labour Issues and Factory Acts 1894-1942
4. Trade: internal and foreign
5. Fiscal System
6. Banking

Select Readings

English

1. Bagchi, A.K., Private Investment in India, 1900-1939, Cambridge, 1972.
2. Charlesworth, Neil, British Rule and the Indian Economy 1880-1914, London, 1983.
3. Chandra Bipan, The Rise and Growth of Economic Nationalism in Indian : Economic
4. Dharma Kumar (ed.), The Cambridge Economic History of India. Vol. II. (1750 to 1970), Cambridge, 1982.
5. Gadgil D.R., The Industrial Evolution of India in Recent Times: 1860-1939, OUP, Dehli, Fifth edition, Fifth impression, 1982.
6. Policies of Indian National Leadership, 1880-1905, Peoples Publishing House, New Delhi, 1991 (reprint).
7. Ray, Rajat K., Industrialization in India: Growth and Conflict in the Private Corporate
8. Roy, Tirthankar, The Economic History of India :1857-1947, OUP, New Delhi, 2002.
9. Tomlinson, B.R., The Economy of Modern India, 1860-1970, Cambridge, 1993
10. Sector, 1914-1947, Delhi, 1979.

Marathi

1. Bedekar D.K. (ed.), Char June Marathi Arthashastriya Granth (1843-1855), Gokhale Arthashastra Sanstha, Pune

Semester III: Elective Paper No. 17

Credits :4

Title: Dissertation

The students will select a theme for their dissertation in consultation with the teacher. They will work throughout the semester on the chosen topic. The Departmental Committee will assign a teacher to the student.

The assessment will be as follows.

Internal Examination-

Submission of a Research Proposal	- 15 Marks
Literature Review and a survey of Source Materials	- 15 Marks
Pre-submission Presentation of Findings	- 20 Marks
End Semester Examination- Dissertation	-50 marks

Semester III: Elective Paper No. 18

Credits :4

Course Title: East Asia: Japan (1853-2000)

Objectives: The course is designed to help the students to know Japanese history especially after the opening up of Japan; Japan's modernization and its impact; post World War II developments and Japan's role in world politics.

Course content

1. Feudal Japan
2. Meiji Restoration
3. Modernization and Rise of Japan
 - a) Sino-Japanese War
 - b) Anglo-Japan Pact
 - c) Russo-Japanese War
 - d) Japan and World War I
 - e) Washington Conference
5. Decline of Constitutionalism
6. Militarism, World War II and US Occupation
7. Economic Resurgence of Japan and Foreign Policy

Select readings

1. Clyde and Beers
2. Hall , D.G.E. – History of Southeast Asia.
3. Pannikar, K.M. – Asia and Western Dominance.
4. R. Layman- Japan's last bid for victory: The Invasion of India 1944
5. R.H.P. Mason- History of Japan
6. Reischauer, E.O. – Japan
7. Totman Conard- A History of Japan
8. <https://vishwakosh.marathi.gov.in/18944/>

Semester III: Elective course No. 19

Credits: 4

Course Title: Peasant Movements in India (Medieval and Modern)

Objectives: This course attempts to study various approaches to peasant revolts and movements, so as to help the student to understand characteristics of peasant movements.

Course Content:

1. Theories about the peasantry
 - a) Karl Marx
 - b) MaoTse Dong
2. Stratification among peasants
 - a) Rich, middle, poor, landlords
 - b) khudkashta, pahikashta, upari, mirasi, jajman
3. Peasant revolts in Medieval India
 - a) Sultanate
 - b) Mughal
4. Peasant revolts in Modern India
 - a) Bengal
 - b) Deccan
5. The formation of the Kisan Sabhas (till 1950)
 - a) Change in the nature of peasant movements
 - b) Champaran, Eka, Tebhaga and Telengana

Select Readings:

1. Dhanagre, D.N., Peasant Movements in India.
2. Guha, Ranajit, Elementary Aspects of Peasant Insurgency in Colonial India.
3. Habib, I, and Raychaudhuri, T (ed.), Cambridge Economic History of India, Vol. I
4. Habib, I., Agrarian System of Mughal India.
5. Hardiman, David, Peasant Movements in India.
6. Kumar, Dharma (ed.), Cambridge Economic History of India, Vol. II
7. Kumar, Ravindra, Western India in the 19th century.
8. Lahiri, A., The Peasant in India's Freedom Movement.
9. Moreland, W.H., Agrarian System of Moslem India.
10. Subaltern Studies: Writings on South Asian History and Society

Semester III Elective Course No. 20

Credits: 4

Course title: Archival Studies

Objectives:

This course is designed to familiarize the student with the concept of archives and the importance of archives to the discipline of history. It aims to introduce the students with the latest technological developments in the field.

Content:

1. Definition of Archives
 - a. Characteristics of Archives
 - b. Types of Archival collections
 - i. State
 - ii. Institutional
 - iii. Family
 - iv. Industrial
 - v. Religious
 - vi. Military
2. Archives and allied institutions
 - a. Museum
 - b. Library
 - c. Art Galleries
3. History of Archives
 - a. Origin and development of archives in Europe
 - b. Origin and development of archives in India
4. Physical forms of Archives
 - a. Clay tablets, stone inscriptions, metal plates
 - b. Palm leaf to paper records
 - c. Seals, coins
 - d. Photographs, maps, audio-visual records
5. Digital Archives
 - a. Microfilm, microfiche
 - b. Electronic database
 - c. Cloud based database

Select Bibliography

1. Brooks, Philip C., *Research in Archives*, University of Chicago Press, 1969
2. Ghose, Sailen, *Archives in India*, Firmak.L. Mukhopadhyay, 1963
3. Harinarayan, N, *Science of Archives Keeping*, Hyderabad: State Archives, Govt of Andhra
4. *History and Theory* (Journal)
5. Millar, Laura, *Archives: Principles and Practices*, Neelschuman Publishers, 2010
6. Pradesh, 1969
7. Press, 2010
8. Stefan Berger, Felner and Passnore (ed.), *Writing History: Theory and Practice*, Bloomsbury
9. *Archival Science* (Journal)

Semester III Elective Course No. 21

Credits: 4

Course Title: Maritime History of India (800 A. D. - 1800 A. D.)

Objectives

This course is designed to introduce the student to the rich maritime tradition of India. It aims to help the student to better understand India's place in the networks of the Asian – oceanic world. It also aims to make the students aware of the research potential in certain specific areas of Indian history.

Content:

1. Defining maritime history
 - a. Historiography of maritime studies (special reference to the works of Ashin Das Gupta, K.N. Chaudhuri, S. Arasaratnam)
2. India's early maritime connections – a brief survey (Rome, Southeast Asia, China)
3. Cholas and India's maritime history
 - a. Chola Naval expeditions
 - b. Diplomacy and the sea – the Chola connections with Srivijaya and China
4. Trade and trade routes as maritime history
 - a. West coast of India and Africa
 - b. West coast of India and Persian Gulf
 - c. East coast of India and southeast Asia
5. Control over the seas
 - a. Chola
 - b. Zamorin
 - c. Europeans (Portuguese, Dutch, English)
 - d. Marathas
 - e. Martanda Varma
6. Technology of the maritime world
 - a. Maps
 - b. Portolans and pilots
 - c. Ships and ship building

Select Bibliography

1. Arasaratnam, S., *Merchants, Companies and Commerce on the Coromandel Coast, 1650-*
2. *1750*, OUP 1986
3. Arasaratnam, S., *Maritime India in the Seventeenth Century*, OUP, 1994
4. Chaudhuri, K.N., *Trade and Civilisation in the Indian Ocean: An Economic History from the*
5. *Rise of Islam to 1750*, Cambridge University Press, 1985
6. Curtin, P., *Cross-Cultural trade in World History*, Cambridge University Press, 1984
7. Das Gupta, A., *Malabar in Asian Trade 1740-1800*, Cambridge University Press, 1967
8. Das Gupta, A., and Pearson, M.N., *India and the Indian Ocean, 1500-1800*, OUP 1987
9. Mukherjee, Rila (ed.), *Oceans Connect*, Primus Books, 2012
10. Richards, D.S. (ed.), *Islam and the Trade of Asia*, Pennsylvania, 1971
11. Subrahmanyam, S., *Improvising Empire: Portuguese Trade and Settlement in the Bay of Bengal, 1500-1700*, OUP, 1990

Semester III: Elective Course No. 22.

Credits :4

Course Title: History of Environment and Ecology

Objectives

This course is an introduction to an area of increasing public concern and consciousness, through a historical perspective.

Content

- 1.Relevance of Environmental –Ecological History
- 2.Geographical Zones
 - a. Physical
 - b. Linguistic
 - c. Climatic
3. Environment and Social Formations
 - a. Pastoral
 - b. Agricultural
 - c. Forests
 - d. Non- Agricultural
- 4.Colonial Intervention
 - a. Plantation Economy
 - b. Forest Spaces
 - c. Nature Reserves
 - d. Hill Stations
5. Environmental Concerns in Post-Independence India

Select Readings

1. Agrawal, Arun, *Environmentality*, Oxford University Press, 2005
2. Arnold, David (ed.), *Nature, Culture and Imperialism*, OUP, 1996
3. Gadgil, Madhav and Guha, Ramachandra, *This Fissured Land*, OIP, 1993
4. Grove, Richard, *Ecology, Climate and Empire*, OUP, 1998
5. Guha, Sumit, *Environment and Ethnicity in India*, Cambridge University Press, 1999
6. Saberwal, Vasant, and Rangarajan, Mahesh (ed.), *Battles over Nature*, Permanent Black, 2005.

7. Sivaramkrishnan, K., *Modern Forests: Statemaking and Environmental Change in Colonial Eastern India*, Stanford University Press, 1990.
8. Skaria, Ajay, *Hybrid Histories*, OUP, 1999.
9. Vaidyanathan, A., *India's Water Resources*, OUP, 2006.

Semester III: Elective course No. 23

Credits :4

Course Title: Business History of India (1858-1991)

Objectives:

This course is designed to highlight a particular aspect of economic history; it intends to make the student aware of the emergence of entrepreneurship and business institutions in India.

Content:

1. Business History – Definitions, Sources
2. Beginnings of business in India
 - a. Agency Houses
 - b. Opium Trade
 - c. Banking Houses
 - d. Anglo-Bania Alliance
3. Indian entrepreneurship and Industry (Up to 1947)
 - a. Tata
 - b. Birla
 - c. Wadia
 - d. Kirloskar
4. Mixed Economy and Industry
 - a. Public Sector
 - b. Private Sector
5. Industrial Developments
 - a. Pharma
 - b. Automobile
 - c. Electronics

Select Readings:

1. Bagchi, A.K., Private Investment in India, 1900-1939.
2. Dhananjaya Ramchandra Gadgil, The Indian Economy: Problems and Prospects: Selected Writings of D. R. Gadgil, Oxford University Press, Incorporated, 2011
3. D.R. Gadgil, Notes on the Rise of the Business Communities in India, 1951
4. D.R. Gadgil, Origins of the Modern Indian Business Class. An Interim Report,

5. Gita Piramal, Business Legends, Penguin Books India, 1999
6. Gita Piramal, Business Maharajas, Penguin Books Limited, 1996
7. R.M. Lala, The Creation of Wealth, Penguin Books India, 2006
8. R.M. Lala, The Oxford History of Contemporary Indian Business, OUP India
9. Dwijendra Tripathi, The State and Business in India: A Historical Perspective,
10. Dwijendra Tripathi, The Dynamics of a Tradition: KasturbhaiLalbhai and his
- 11.Raj Narayan Chandavarkar, The Origins of Industrial Capitalism in India, Cambridge University Press, 2002
- 12.Rustom DinshawChoksey, Economic History of the Bombay Deccan andKarnatak (1818-1868), R. D. Choksey, 1945
- 13.Rustom DinshawChoksey, Economic life in the Bombay Konkan, 1818-1939,
14. Ray, Rajat, (ed.) Entrepreneurship and Industry in India.
15. Thomas J. Watson, Peter Petre, Father, Son & Co.: My Life at IBM and Beyond,
16. Shantanu L. Kirloskar, Cactus & Roses: An Autobiography, C.G. Phadke, 1982

Semester III: Elective course No.24

Credits :4

Course Title: Socio-Religious Reform Movements in South India

Objectives:

The course is designed to highlight the nature of awakening in 19th and early 20th century South India.

Course Content:

1. A brief survey of socio-religious reform movements in 19th century India
2. Movement of Veeresalingam Pantulu and Alluri Sitaramarajulu in Andhra Pradesh
3. Social Legislation in Mysore
4. Sri Narayana Movement in Kerala
5. Non-Brahmin Movement in Tamilnadu
 - a) E.V. Ramaswamy Naicker (Periyar)
 - b) Justice Party
 - c) Annadurai

Select Readings:

1. B.R. Swanthankar, Maharashtra 1858 – 1920.
2. D. Triveni, History of Modern Andhra SBD Enterprises, Delhi, 1986.
3. Joseph Mathew, Ideology, Protest and Social Mobility : Case Study of Mahars and Pulayes. (Inter India Publication, New Delhi 1980.

4. P.N. Chopra, Ed. Social and Cultural History of India : State Series, Sterling Publishers, New Delhi, 1978.
5. S. Gopalkrishnan, Political Movement in South India, 1914 – 1929, New Era Publication, Madras, 1981.
6. Sumit Sarkar, Modern India, 1885 – 1947.
7. Swapna Same, Dalit Movement in South India, B.R. World Books; New Delhi, 2004.

Semester IV

Semester IV Core Course No 10

Credits 04

Course Title: Modern Maharashtra: A History of Ideas

(1818-1960)

Objectives: The paper aims to let the students explore the ideas which have given Maharashtra its unique character. It also hopes to offer a specialised knowledge of the Intellectual History of Maharashtra based on a critical reading of the original textual sources.

Course Content

1. Critical Reappraisal of Religions
 - a. Missionary
 - b. Prarthana Samaj, Satyashodhak Samaj, Arya Samaj
 - c. Reformist Critiques of Hinduism, Islam, Jain and the Parsee Religion.
2. Social Thought
 - a. Caste Critiques of Mukta Salave, Jyotirao Phule, Shahu Maharaj, V. R. Shinde, V.D. Savarkar, B. R. Ambedkar.
 - b. Critiques of Patriarchy – Tarabai Shinde, Jyotirao Phule, Rukhmabai, B.R. Ambedkar
 - c. Critiques of conversion – Shripati Sheshadri, Pandita Ramabai and Mass Conversion to Buddhism 1956.
3. Economic Thought
 - a. Char June Arthashastreeya Granth
 - b. Lokhitwadi, Nowroji, Ranade, Tilak and Economic Nationalism
 - c. Satyashodhak Thought, Gandhian Thought, Industrialists' Plans
 - d. Panjabrao Deshmukh, B. R. Ambedkar and Nehruvian Concepts of economic progress
4. Cultural Thought
 - a. Cultural Nationalism- Chiplunkar, Chapekar, Jinnah, Tilak, Golwalkar, Savarkar.
 - b. Alternative Cultural Thoughts-Mukundrao Patil, Ganpati Maharaj-Ajaat, Prabodhankar Thakre.

- c. Critical Ideas in Literature and Popular Culture- SatyashodhakiJalse, Marathi Farces and Plays, Tamasha, Rashtreeya Kirtan, and Mele, Film Industry, Literature.
- d. Rationality and knowledge Making- Agarkar to Karve, Deccan College to BARC

5. Political Thought

- a. Reformist Legislation- Education, Press, women, caste.
- b. Nationalism, Electoral Politics
- c. Politics of representation, Separate Electorates
- d. Politics of Linguistic and Cultural Identity

Select Readings

1. Ballhatchet, Kenneth, Social Policy and Social Change in Western India: 1817-1830, Oxford University Press, London, 1961.
2. Kumar, Ravinder, Western India in the Nineteenth Century, Routledge and Kegan Paul, London, 1968.
3. Lederle, Matthew, Philosophical Trends in Modern Maharashtra, Popular Prakashan, Bombay, 1976. Phadke
4. Paranjpe, Shrikant, Dixit, Raja and Das, C.R. (ed.), Western India: History, Society and Culture, ItihasShikshakMahamandal, Maharashtra, Pune, 1997.
5. Satyanarayana, K. and Susie Tharu, The Exercise of Freedom, Navayana, 2013.
6. Stokes, Eric, English Utilitarians in India, Oxford University Press, New Delhi, 1989
7. Zealliot, Elenor, Ambedkar's World, Navayana Publications, 2013.

Marathi

1. Bagade Umesh, Maharashtra teel Varga Jati Prabodhan, Lokvangmay Gruha.
2. Bhagwat Vidyut, Stree Prashnachi Vatchal
3. Dixit Raja, Ekonisavya Shatakateel Maharashtra – Madhyamavargacha Uday, Diamond Publications, Pune. 2008
4. Dixit Raja, Itihas, Samajvichar ani Keshavsut, Lokavangmaya Gruha, Mumbai, 2nd edn., 2005.
5. Pandit Nalini, Maharashtra teel Rashtravadacha Vikas, Modern Book Depot Prakashan, Pune, 1972.

6. Phadke Y.D., Visavya Shatakateel Maharashtra, Vol. I., Saswad Ashram Vishvashta Mandal, Saswad, 1989.
7. Sardar G.B., Ranade Pranit Samajika Sudharanechi Tatvamimamsa, Pune University, Pune, 1973.
8. Talwalkar Govind, Sattantar, Vol. I to III Vohra Rajendra (Ed.), Adhunikta Ani Parampara, Dr. Ya. Di. Phadke Felicitation Volume, Pune.

Semester IV Core Course No 11

Credits 04

Course Title: Debates in Indian Historiography

Objectives: The course is designed to introduce the student to some of the issues that have been debated by historians and to introduce some perspectives with reference to Indian History.

Content:

1. Why study Debates in Indian Historiography?
 - a. Orientalism and epistemic violence
 - b. Nationalist Response to Colonial Historiography
 - c. Marxist and Subaltern Interpretations
2. Harappa Civilisation
 - a. Naming Debate – Indus, Harappa or Sindhu-Saraswati?
 - b. Debate about the Vedic Horse in Harappa
 - c. Debate about the decline
3. The Aryan Debate
 - a. Aryan Invasion or Migration?
 - b. Out of India Thesis
 - c. Aryan Race Fallacy
4. Debate on Patriarchy
 - a. Uma Chakravarti,
 - b. Kumkum Sangari
5. Urban Decay and Feudalism Debate
 - a. Urban Decay or Urban Shift?
 - b. Was there Feudalism in Indian History?
 - c. How Feudal was Indian Feudalism?
6. Debates about the Indian National Movement
 - a. Tara Chand and R.C. Mujumdar
 - b. Bipan Chandra and Sumit Sarkar

Select Readings:

1. Alam, M., and Subramanyam, S. (ed.), The Mughal State, OUP, 2000.
2. Alavi, Seema, The Eighteenth Century in India, OUP, New Delhi, 2002.
3. Aloysius, G. Nationalism Without a Nation,
4. Habib, Irfan, Essays in Indian History : Towards a Marxist Perspective, Tulika, New Delhi, 1995.
5. Hilton, Rodney, etc., The Transition from Feudalism to Capitalism.
6. Gadgil D.R., The Industrial Evolution of India in Recent Times: 1860-1939, OUP, Delhi, Fifth edition, Fifth impression, 1982.
7. Kosambi, D.D., Culture and Civilization of Ancient India in Historical Outline, Vikas, 1981.
8. Kosambi, D.D., Myth and Reality
9. Kulke, H. (ed.) The State in India, 1000-1700, OUP, 1998.
10. Marshall, P.J. (ed.) The Eighteenth Century in India – Evolution or Revolution?, OUP, 2002.
11. Mukhia, H., Perspectives on Medieval India, Delhi, 1994.
12. Said, Edward, *Orientalism*, Penguin, 1978.
13. Shah, K.K. and MeherjyotiSangle (ed.), Historiography: Past and Present, Rawat Publishers, Jaipur, 2005.
14. Sharma, R.S., Aspects of Ancient Indian Political Ideas and Institutions, Manohar, reprint, 1999. Sharma, R. S., Indian Feudalism, Calcutta, 1965.
15. Sharma, R.S., Urban Decay in India, MunshiramManoharlal, Delhi.
16. Thapar, R., Ancient Indian Social History: Some Interpretations, Orient Longman, reprint, 1996. Thapar, R., Early India, Penguin, 2003.
17. Thapar Romila (ed.) The Aryan Debate, National Book Trust.

Marathi

1. Dole Na. Ya., *RajkeeyaVicharanchaItihas*, Continental Prakashan, Pune, 1969
2. Jha, D.N., tr. G.B. Deglurkar, *MauryottarwaGuptakalinRajasvapadhati*, Diamond Publications, Pune, 2006.
3. Kosambi, D.D. tr. Vasant Tulpule, *Puranakatha ani Vastavata*, LokavangmayaGruha, Mumbai, 1977.
4. Sharma, R.S., tr. Ranade Pandharinath, *PrachinBharatatilRajakiyaVichar ani Sanstha*, DiamondPublications, Pune, 2006

Semester IV: Core Course no. 12

Credits :4

Course Title: World after World War II (1945-2000)

Objectives

To acquaint the student with the post-World War II scenario and to enable them to understand contemporary world from the historical perspective.

Course content:

1. Cold War: Origin and Nature, Issues
 - a) Berlin Crisis (1948)
 - b) Korean War
 - c) Cuban Crisis
 - d) Military Alliances: NATO, CENTO, SEATO, ANZUS, Warsaw Pact
2. Non-Aligned movement
3. Issues in West Asia
 - a) Oil Politics
 - b) Arab-Israel conflicts
 - c) Palestine issue
 - d) Suez Crisis
 - e) Kuwait – Iraq War and its Impact
4. Developments in South-east Asia
 - a) Vietnam War
5. Towards a Uni-polar World (From Cold War to Uni-Polar World)
 - a) Reunification of Germany
 - b) Disintegration of the USSR and its consequences
 - c) Geopolitics, Terrorism and Arm Industries
6. Globalisation and its Impact
 - a) European Union
 - b) BRIC

Select Readings

English

1. Buzan Barry and Richard Little, International Systems in World History, OUP, 2000.
2. Cornwall R.D., World History in 20th Century, Longman, London, 1976.
3. Halle, Cold War a History. Knapp Wilfrid , A History of War and Peace, Oxford , 1967.
4. Langsam W.C., The World Since 1919.
5. Nanda B.R. (ed.) , Indian Foreign Policy, Nehru Era.

Marathi

1. Kadam, Y.N., Adhunik Jaga 1945-2000, Kolhapur, 2001
2. Kulkarni, A.R., Adhunik Jagacha Itihas, 1987
3. Kothekar, Shanta, Amerikecha Itihas, Nagpur
4. Vaidya, Suman, Adhunik Jaga, Vols. 1 and 2, Nagpur, 1997
5. Vaidya, Suman, Russiacha Itihas, Nagpur, 1997

Semester IV: Elective Course No.25

Credits 04

Course Title: Ancient and Medieval Civilizations of the World

Objectives: The paper intends to examine Ancient civilizations with a view to understand, reinterpret and present them in historical perspective; to enable the student to understand intellectual trends in the modern world; to enable the student to have a better understanding of Indian History in the World context.

Course content

1. Civilization: Concept and Meaning
2. Ancient civilizations: Egypt, Mesopotamia, Persia, India, China
 - (a) Political Systems
 - (b) Society and Economy
 - (c) Religion and Philosophy
 - (d) Literature, Art and Architecture, Science and technology
3. Classical Civilizations: Greece and Rome
 - (a) Political Systems
 - (b) Society and Economy
 - (c) Religion and Philosophy
 - (d) Literature, Art and Architecture, Science and technology
4. Arabic Culture
 - (a) Bridging the East and the West, travellers.
 - (b) Contribution to Mathematics and Medicine
 - (c) Contribution to Literature Art, Architecture, Philosophy
5. Medieval West
 - (a) Dark Ages
 - (b) Feudal System
 - (c) Church and State
 - (d) Rise of the Nation-States: France and England
 - (e) Medieval Economy – Revival of trade and its impact
 - (f) Literature, Art and Architecture

Select Readings

1. Allen and Union, Ltd., London, 1962 Vol. I.
2. Bowle, John, Man Through the Ages, Weidenfeld and Nicolson, London, 1977.
3. Brockhampton Dictionary of World History, Brockhampton Press, London 1994.
4. Cambridge Medieval History. (Macmillan, 1911) 8 Vols. ed., 1948, Eurasia Publishing House Pvt. Ltd., New Delhi (Indian Ed.), 1994 (7th Indian Reprint)
5. Craig, A.M., Graham, W.A., Kagan, D., Ozment, S., and Turner, F.M., The Heritage of World Civilization, 2 vols., Macmillan, 1986
6. Wallbank, T.W., Taylor, A.M., Bailkry, N.M., Civilizations – Past and Present.
7. Hause, S. and Maltby, W., The Essentials of Western Civilization, Wadsworth, USA, 2001.
8. Lucars, H.S., A Short History of Civilization
9. Miller, David, The Blackwell Encyclopaedia of Political Thought, Blackwell Reference, New York, 1987.
10. Modell, S., A History of the Western World, 2 vols., Prentice-Hall Inc., New Jersey, 1974
11. Pirenne, Jacques, The Tides of History: From the beginnings to Islam, George
12. Stavrianos, L.S., The Epic of Modern man, Prentice Hall, Englewood Cliffs, 1966.
13. Swain, J.E., A History of World Civilization, The McGraw Hill Book Company Inc., 2nd
14. Weech, W.N., History of the World

Semester IV: Optional Paper no. 26

Credits :4

Course Title: Urban History

Objectives- Urbanization has a long history, but historical interpretation of urbanization is a recent phenomenon. What is a city? Are cities defined by their functions? Do cities decay or vanish? Has the idea of the ‘urbane’ changed over time? This course addresses some of these questions, through the historical perspective.

Course Content:

I. Concepts

- (a) Defining ‘urban’, ‘urbanization’, ‘urbanism’
- (b) Urban Studies – theoretical frameworks
- (c) Urban Studies – historical dimensions\

II. Urban Studies in India

- (a) Historiography
- (b) Debates in urban studies

III. Typologies of cities

- (a) Administrative, political, military, etc.
- (b) Port cities
- (c) Twin cities and dual cities
- (d) ‘Modern’ cities

IV. Phases of urbanization in India

- (a) ‘First urbanization’ to ‘urban revolution’
- (c) Changing patterns of urbanization in modern India.
- (b) Regional differences

V. Urban spaces, urban layout: historical and contemporary perspectives

- (a) Governance of spaces
- (b) ‘Planned’ spaces
- (c) Land use, designated spaces
- (d) Urban renewal

VI. Urban society

VII. Case Studies

Select Readings

1. Amin, A. And Thrift, N. (ed), 2000, *Thinking Spaces*, Oxford, OUP
2. Anderson, K. And Gale, F. (ed), 1992, *Inventing Places: Studies in cultural geography*, Melbourne, Longman Cheshire
3. Banga, Indu (ed), 2005, *The City in Indian History*, Delhi, Manohar
4. Banga, Indu (ed), 1992, *Ports and their Hinterlands in India 1700-1750*, Delhi, Manohar
5. Beshers, J. M., 1962, *Urban Social Structure*, New York
6. Blake, S, 1993, *Shahjahanabad: The Sovereign City in Mughal India 1639-1739*, Cambridge, CUP
7. Boddy, M. (ed), 2003, *Urban Transformation and Urban governance: Shaping the Competitive City of the Future*, Policy Press
8. Carter, H., 1988, *An Introduction to Urban Human Geography*, Arnold Press
9. Castells, M., 1989, *The Informational City: Information Technology, Economic Restructuring and the Urban Regional Press*, London, Blackwell
10. Castells, M., 2001, *The Internet Galaxy*, OUP
11. Champakalakshmi, R., 1999, *Trade, Ideology and Urbanization South India 300 BC to AD 1300*, OIP
12. Dickinson, R.E., 1972, *City and Region: A Geographical Interpretation*, Routledge
13. Doshi, Harish, 1974, *Traditional Neighbourhood in a Modern City*, Abhinav, New Delhi.
14. Forrest, G.W., 1999, *Cities of India Past & Present*, English Edition, Thomson Press
15. Gopi, K.N., 1978, *The Process of Urban Fringe Development: A Model*, Delhi, Concept
16. Subrahmanyam, Sanjay, *The Political Economy of Commerce: Southern India, 1550-1650*, Cambridge University Press, First South Asian edition, 2004
17. Subrahmanyam, Sanjay, *The Portuguese Empire in Asia 1500-1700*, Longman Group UK Ltd., 1993
18. Tchitcherov, Alexander I, *India: Changing Economic Structure in the Sixteenth-Eighteenth Centuries*, Manohar Books, Third Revised Edition, 1998

Semester IV Elective Course No.27

Credits 04

Course Title: British Administrative Policies in India 1765-1892

Objectives: The paper intends to make an in-depth study of various aspects of British administrative policies in India.

Course content

1. Ideological influences on British Administrative Policy
2. Administrative system-
 - a) Charter and Regulating acts
 - b) Emergence of Executive and Judiciary
 - c) Bureaucracy
3. Socio-economic policy
 - a) Economic policy- Revenue, Trade and Industry
 - b) Social and Educational Policy
4. Policies of Princely states, Press and Famine
5. India under the Crown
 - a) Government of India Act - 1858
 - b) Queen's Proclamation
6. Indian Councils Acts of 1861 and 1892

Select Readings

1. Ambirajan, S., Classical Economy and British Policy in India
2. Bearce, G.D., British Attitude Towards India, London, 1959.
3. Gopal, S., British Administrative Policies in India, 1857-1905, Oxford, 1965.
4. Metcalfe, T., Ideologies of the Raj, New Cambridge History of India, Cambridge.
5. Mishra, B.B., Administration of East India Company, New York, 1960.
6. Stokes, E., The English Utilitarians and India, Oxford, 1959.

Semester IV: Elective Course No. 28

Credits :4

History of Modern India (1857-1971)

Objectives:

The purpose of this course is to enable the student to study the history of 'Modern India' from an analytical perspective; to make the student aware of the multi-dimensionality of Modern India; to highlight the ideas, institutions, forces and movements that contributed to the shaping of Indian modernity; to acquaint the student with various interpretative perspectives; to help them in articulating their own ideas and views leading to research orientation.

Course Structure:

1. Key concepts in Modern India
 - a. Capitalism
 - b. Colonialism
 - c. Modernity
 - d. Rule of Law
 - e. Individualism
 - f. Utilitarianism
 - g. Liberalism
 - h. Indian Renaissance
 - i. Indian nationalism
 - j. Socialism
 - k. Communalism
 - l. Leftist Thought
2. Indian Revolutionary Movement
 - a. In India
 - b. In foreign countries
3. Issues and Movements in Modern India
 - a. National Movement: a brief survey
 - b. Land issues and Peasant movements up to 1920
 - c. Labour movements

- d. Tribal movements
- e. Dalit movement
- f. Gender Issues
- 4. Towards Freedom: 1920-1947
 - a. Gandhian Movement
 - b. Indian National Army
 - c. Naval Mutiny: 1946
- 5. Attainment of Independence
 - a. Transfer of Power
 - b. Merger of States
- 6. India after Independence
 - a. Salient features of Indian Constitution
 - b. Economic Development
 - i. Mixed Economy
 - ii. Five Year Plans
 - c. Foreign Policy
 - i. Non-aligned Movement
 - ii. India-Pakistan Relations, 1947-1971
 - iii. India-China War, 1962.

Select Readings

English

1. Chandra, Bipan, Essays on Contemporary India, Har-Anand Publications, New Delhi, 1993.
2. Chandra, Bipan, Mukherjee, Mridula, Mukherjee, Aditya, Panikkar, K.N. and Mahajan, Sucheta, India's Struggle for Independence, Penguin Books (India) Ltd., 1990.
3. Chandra, Bipan, Mukherjee, Mridula, and Mukherjee, Aditya, India After Independence. Penguin Books (India) Ltd., New Delhi, 2000.
4. Desai, A.R., Social Background of Indian Nationalism, Popular Prakashan, Bombay, 1984.
5. Nanda, B.R. (ed.), Indian Foreign Policy: Nehru Years, New Delhi.
6. Sarkar, Sumit, Modern India: 1885-1947, Macmillan India Ltd., Madras, 1986.

7. Tara Chand, History of Freedom Movement, Vol. I – IV, Publications Division, Ministry of Information and Broadcasting, Government of India, New Delhi, 1983.

Marathi

1. Javadekar, Acharya Sh.D., Aadhunik Bharat, Continental Prakashan, Pune, 1979
2. Kothekar, Shanta, Aadhunik Bharatacha Itihas (1947-2000), Shri Sainath Prakashan, Nagpur, 2008

Semester IV: Elective Course No. 29

Credits:04

Course Title: History of USSR (1900-1991)

Objectives: The paper aims to offer a review of the unfolding of an important political phenomenon in World History – the Russian Revolution and the Establishment and the disintegration of the Soviet Republic.

Content:

1. Imperial Russia
 - a. Edicts of Emancipation
 - b. Reign of Czar Nicholas II
 - c. Significance of Russo-Japanese War (1904-05)
2. The Russian Revolution
 - a. Revolution of 1905
 - b. Revolution of 1917
 - c. Role of Lenin
3. Bolshevik consolidation of Power (1917-22)
 - a. Ideology
 - b. Soviet Government Policy (1918-21)
 - c. War, Communism and New Economic Policy
4. Emergence of USSR as World Power
 - a. Social and Political Changes
 - b. Five Year Plans
 - c. Second World War and Age of Stalin
 - d. Cold War and Arm race
5. Disintegration of USSR
 - a. Expansion of Communist Block

- b. Crisis in Sovietization and Russification
- c. Ethnic, Linguistic and Religious Nationalism and Fundamentalism
- d. Perestroika and Glasnost

Suggested Readings:

1. R. Davies, The Industrialisation of Soviet Russia Volume 6: The Years of Progress: The Soviet Economy, 1934-1936 (Springer, 2014)
2. R. W. Davies, The Industrialisation of Soviet Russia 1: Socialist Offensive: The Collectivisation of Soviet Agriculture, 1929-30 (Springer, 1980)
3. Edward Hallett Carr, The Bolshevik Revolution, 1917-1923 (W.W. Norton, 1985)
4. John L. H. Keep, A History of the Soviet Union, 1945-1991: Last of the Empires (Oxford University Press, 2002)
5. Edward Hallett Carr, A History of Soviet Russia: Socialism in One Country, 1924-1926 (Macmillan, 1964)
6. Edward Hallett Carr, A History of Soviet Russia: Foundations of a Planned Economy 1926 - 1929, 1972.
7. Wadhvani Manohar R. , Rise of The Soviet Union To World Power , S. Chand and Company Ltd. New Delhi, 1980
8. Hans Kahn , Basic History of Modern Russia , Eurasia Publishing House , New Delhi, 1957
9. Spektor Ivar, Introduction to Russian History and Culture , Toronto D Van Nastoard Company 1949
10. Joshi P.S. , Gholkar S.V. History of Modern World (1900- 1960) S. Chand and Company Ltd. New Delhi, 1983
11. H.K.Chabra , History of Modern World Since 1945, Published by Surjeet Publication, Delhi
- 12 . Michael Kort, The Soviet Colossus: History and Aftermath (M.E. Sharpe, 2001)

मराठी ग्रंथ-

1. सुमनवैद्य, रशियाचा इतिहास (१८६० – १९६४) महाराष्ट्रविद्यापीठग्रंथनिर्मितीमंडळ, आशयप्रकाशन, नागपूर १९०८०
2. जोशी पी. जी., विसाव्या शतकातील इतिहास, विद्याप्रकाशन, नागपूर, २००३
3. कदमय. ना., आधुनिक जग, (भाग २) फडके प्रकाशन, कोल्हापूर, २०१०

4. गोविंदतळवलकर, सोव्हिएतसाम्राज्याचाउदयआणणअस्त- खंडशेवर, मौजप्रकाशनगृह, १९९८

Semester IV: Elective Course No. 30

Credits:04

Course Title: Global South: Challenges to Authority

Objectives – The paper hopes to point the student towards the historical patterns of challenging the Eurocentric authority. It is hoped that understanding these patterns may result in an awareness towards a solidarity among the societies in the Southern Hemisphere.

Content

1. From Third World to Global South
 - a. League against Imperialism
 - b. Non- alignment movement
 - c. Global south
2. Eurocentricism and Intellectual Critique from Global South
 - a. VinobhaBhave- Idea of Sarvodaya, Lokniti and World Peace
 - b. FranzFenon- Critique of Colonialism, Discourse on Race, Culture and Literature
 - c. Che Guevara- Vision of Latin American Unity and International solidarity
 - d. Samir Amin- Critique of Capitalism and Theory of Economic dependency
3. Challenge to economic and political hegemony and political resistance from South
 - a. Latin America: from Cuban revolution to Bolivarian movement
 - b. West Asia and North Africa (WANA): from oil politics to Arab springs
 - c. South East Asia: from Vietnam war to Crisis of Asia-Pacific region
 - d. South Asia: decolonization to formation of SAARC
4. Challenge to World Order and Rise of Global South

- a. Disintegration of USSR and Problem of Russification
- b. IMF, World bank and World trade organization
- c. Regional cooperation- Rise of BRICS, IBSA, NALACC, OAU
- d. Transition from uni-polar to multi-polar world

Suggested Readings

1. Vijay Prashad, *The Poorer Nations: A Possible History of the Global South*.. Verso. March 2013
2. Vijay Prashad, *The Darker Nations: A People's History of the Third World*
3. Dane Kennedy, *Decolonization: A Very Short Introduction*, OUP
4. Jan C. Jansen and Jürgen Osterhammel, *Decolonization: A Short History*
5. *Mitlin, Diana Satterthwaite David, Urban Poverty in the Global South: Scale and Nature. Rutledge, (2013)*
6. Eugene O'Brien "Global South." *Oxford Bibliographies in Literary and Critical Theory*.. New York: Oxford University Press, 2017.
7. Schmitt, Carina ed., *From Colonialism to International Aid External Actors and Social Protection in the Global South*, Palgrave Macmillan, 2020
8. Global south - <https://globalsouthstudies.as.virginia.edu/key-concepts/anticolonialism>
9. Dominique Caouette and Dip Kapoor ed., *Beyond Colonialism, Development and Globalization-Social Movements and Critical Perspectives*, 2015
10. Clare Land, *Decolonizing Solidarity- Dilemmas and Directions for Supporters of Indigenous Struggles*, 2015
11. Vinobha Bhave, *Swarajyashashtra, Sarvaseva sangha prakashan, Varasani*, 1963
12. Samir Amin , *Global History-A View from the South*, Pambazuka Press, 2011
13. Samir Amin, *Eurocentricism*, NY Press, 2 edition, 2010
14. Frantz Fanon, *A Dying Colonialism* (1959), translation by Haakon Chevalier: New York, Grove Press, 1965
15. Frantz Fanon, *Toward the African Revolution* (1964), translation by Haakon Chevalier: New York: Grove Press, 1969
16. Frantz Fanon, *Black Skin, White Masks* (1952), translation by Charles Lam Markmann: New York: Grove Press, 1967
17. Che Guevara, *To Speak the Truth: Why Washington's "Cold War" Against Cuba Doesn't End*, Pathfinder, 1993

18. Che Guevara, Latin America: Awakening of a Continent, Ocean Press, 2005
19. Che Guevara, Colonialism is Doomed, Ministry of External Relations: Republic of Cuba, 1964
20. Joseph Stiglitz, Globalization and It's Discontent, W.W. Norton & Company, 2002
21. <https://marathivishwakosh.org/>
22. <https://vishwakosh.marathi.gov.in/>

Semester IV: Elective Course No. 31

Credits:04

Course Title: Pune Through the Ages

Objectives: The paper aims to offer a micro-historical perspective to help the students understand the evolutionary nature of historical settlements and the forces that influence the process.

Course Content:

1: Early Pune

- a. Antiquity and geography of Pune
- b. Archaeological – Pataleshwar, Shaikh Salla Durgah
- c. Epigraphical- Prabhavati Gupta and Nagav inscription

2: Kasbe Pune

- a. Pune under the Dakhani Sultanats
- b. Pune Under Ch. Shivaji
- c. Fairs, Festivals and Culture

3: Urban Pune

- a. Urbanisation of Pune: Centre of political power
- b. Social and Economic Compositions
- c. Urban Growth: Buildings and monuments

4: Colonial Pune

- a. Elphinstone and Policy of Pacification
- b. Reform movements, Literature and culture
- c. Military establishments
- d. Institutionalisation of public life

5: Post Colonial Pune

- a. Establishment of University of Pune
- b. Industrialisation
- c. Emergence of Suburbs
- d. Cosmopolitan Pune

Select Readings:

1. DiddeeJaymala and Gupta Samita, Pune : Queen of the Deccan, Elephant Design Pvt, Ltd, Pune, 2000.
2. Gadgil D.R., Poona: A Socio-economic survey, 2 parts, Gokahale Institute of Politics and Economics, Pune, 1945/ 1952.
3. Gokahle B.G., Poona in the Eighteenth Century: An Urban History, OUP, Delhi , 1998.
4. Kosambi Meera, Bombay and Poona: A Socio-ecological study to two Indian cities: 1650-1900, Stockholm, 1980.
5. Mahajan Dr. S.G., Pune city: Its History, Growth and Development (758 to 1998 A.D.) : A Bibliography of Information Sources , ManasanmanPrakashan , Pune , 2000.
6. Poona District Gazetteers, Bombay State Gazatteer, Poona District, Vol. XX, District series, Govt, Central Press , Bombay, 1954.
7. Poona look and outlook
8. D. Parsanis, Poona in bygones days

Marathi

1. असे होते पुणे (म.श्री. दीक्षित)
2. नामवंत पुणेकर, संस्था - वास्तू (लेखक: शां.ग. महाजन)
3. मर्चंट्स ऑफ पुना : कथा जिगरबाज व्यावसायिकांच्या (इंग्रजीत आणि मराठीत) - सकाळ प्रकाशन
4. पुणे शहराचा ज्ञानकोश - खंड १ (लेखक : शां.ग. महाजन)
5. मुठेकाठचे पुणे (लेखक : प्रा. प्र.के. घाणेकर). पुस्तक प्रकाशन तारीख २८-३-२०१५.

6. पुणेरी (श्री.ज. जोशी)
7. पुणे शहरचे वर्णन (नवीन नाव - पुणे वर्णन) (ना.वि. जोशी, १८६८)
8. पुणे शहराचे वर्णन (लेखक - गंगाधर देवराव खानोलकर) (१९७१)
9. पुण्याची पर्वती (प्र.के. घाणेकर)
10. पुण्याचे पेशवे (डॉ. अ.रा. कुलकर्णी)
11. पुण्यातील जुन्या अवशेषांवरची टिपणे (चिं. ग. कर्वे)
12. मुळा-मुठेच्या तीरावरून (म.श्री. दीक्षित)
13. वैभव पेशवेकालीन वाड्यांचे (मंदा खांडगे)
14. शनिवारवाडा : लेखक डॉ. गणेश हरी खरे
15. संध्याकाळचे पुणे (लेखक दि.बा. मोकाशी)
16. हरवलेले पुणे (लेखक : डॉ. अविनाश सोवनी)
17. बदलते पुणे मंगुडकर
18. झुंझार पुणे चौधरी
19. पुणे विद्यापीठाचा इतिहास राजा दीक्षित

Semester IV: Elective Course No. 32

Credits:04

Course Title: Heritage Management

Objectives – The paper aims to make the students aware about the tangible and intangible heritage that the mankind has received. The students may also be able to understand their responsibility to pass on the heritage to the future generations.

Content

1 Concept of Heritage

- a. Definition, nature and scope

2 Heritage and Government policies

- a. Development of Heritage as a policy matter
- b. International policies
- c. Local (India) policies

3 Heritage Conservation and Society

4 World Heritage Sites in Maharashtra

5 Field Work in consultation with the teacher.

Bibliography

1. Agarwal Rajesh K & Nangia Sudesh, Economic & Employment potential of archaeological monuments in India. Birla Institute of Scientific research, New Delhi 1974.
2. Biswas Sachindra Sekhar, Protecting the cultural heritage. National legislations & international conventions. Aryan books international, New Delhi 1999.
3. Chainani, S., Heritage conservation, legislative and organisational policies for India. New Delhi: INTACH. 2007
4. Kernal Balsar, The concept of the common heritage of Mankind, Vol. 30.
5. Nagar S.L, Protection, Conservation & preservation of India's monuments. Aryan books international, New Delhi 1998.
6. Richard Harrison (ed), Manual of Heritage Management, Butterworth Heineman.
7. Sarkar, H., Museums and Protections of Monuments and Antiquities in India. Sundeep Prakashan.

8. UNESCO & its programmes, protection of mankind's cultural heritage sites & monuments, UNESCO 1970.
9. UNESCO World Heritage website : <https://whc.unesco.org/>
10. Convention Concerning the Protection of the World Cultural and Natural Heritage (UNESCO 1972) URL: <https://whc.unesco.org/en/convention/>
11. UNESCO Intangible Cultural Heritage Website URL: <https://ich.unesco.org/>
12. UNESCO Convention for the Safeguarding of the Intangible Cultural Heritage 2003 <https://ich.unesco.org/en/convention>



Savitribai Phule Pune University, Pune

Faculty of Humanities

T.Y.B.A. in History

Choice Based Credit System Syllabus

To be implemented from the Academic Year 2021-2022

Savitribai Phule Pune University, Pune.

Faculty of Humanities

Structure of Choice Based Credit System for Undergraduate Program to be Implemented from Academic Year 2021-2022

Subject: - T.Y.B.A. History Structure Academic Year 2021-2022

Semester	Core Courses (CC)	Skill Enhancement Course (SEC)	Discipline Specific Elective Courses (DSE)
V	CC- 3(3) Indian National Movement (1885-1947) History of Civilization – World Civilization Part I	SEC 2 C (2) 9.South Indian Art and Architecture 10.Research Paper Writing 11.Museology	DSE-3 C (3) +1 7.Introduction to Historiography
			DSE-4 D (3)+1 8.Maharashtra in the 19 th Century
			OR 9.Constitutional Developments in India 1773 to 1853
VI	CC- 4(3) India After Independence- (1947-1991) History of Civilization –World Civilization Part II	SEC 2 D (2) 12. Heritage management 13.Archaeology 14.Numismatics	DSE-3 C (3)+1 10 Applied History
			DSE-4 D (3)+1 11 Maharashtra in the 20 th Century OR Constitutional Developments in India 1858 to 1950

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Core Course 3 :(3 Credit)
Semester V: Course Title: - Indian National Movement (1885-1947)

Learning Objectives:

1. The course is designed to make the students aware about the making of Modern India and the struggle for independence.
2. To make the students aware of the multi-dimensionality of Modern India.
3. To highlight the ideas, institutions, forces and movements that contributed to be shaping of Indian Modernity.
4. To acquaint the students with various interpretative perspectives.

Learning Outcomes:

1. It will enable students to develop an overall understanding of Modern India.
2. It will increase the spirit of healthy Nationalism, Democratic Values and Secularism among the Students.
3. Students will understand various aspects of the Indian Independence Movement and the creation of Modern India.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Unit I: Rise and Growth of Indian Nationalism **12**

- a) Causes for the Rise of Indian Nationalism
- b) Foundation of Indian National Congress.
- c) Moderate Nationalists and Assertive Nationalists
- d) Revolutionary Nationalists.

Unit II: Mass Movement **9**

- a) Non Co-Operation Movement.
- b) Civil Disobedience Movement.
- c) Quit India Movement.

Unit III: Towards Independence and Partition. **12**

- a) Two Nation Theory: Establishment of Muslim League and Hindu Mahasabha, Growth of Communalism, Genesis of Pakistan.
- b) Indian National Army.
- c) Transfer of Power: The Cripps Mission, The Cabinet Mission, The Mountbatten Plan, Indian Independence Act and Partition.

- a) Peasant Movement.
- b) Workers Movement.
- c) Dalit Movement.
- d) Women's Movement.
- e) Tribal Movement.

Reference Books:**English**

- 1.Chandra Bipan, Mukherjee Mridula, Mukherjee Aditya, Panikkar K.N. and Mahajan Sucheta- India's struggle for Independence, Penguin Books(India),1990.
- 2.Chandra Bipan, Essays on Contemporary India, Har- Anand publication, New Delhi, 1993.
- 3.Chandra Bipan - The Rise and Growth of Economic Nationalism in India People's Publishing House, New Delhi,1966.
- 4.Desai A.R. - Social Background of Indian Nationalism, Popular Prakashan, Bombay, 1984.
- 5.Dodwell H.H. - Cambridge History of India Vol V, VI
- 6.Dutt R.C. - Economic History of India Vol 1,2, London, 1901 reprint Government of India press, Nashik, 1960.
- 7.Guha Ramchandra (ed.), Makers of Modern India, Penguin group, New Delhi, 2010.
- 8.Gopal S. - British policy in India 1858-1905, Cambridge University Press, 1965.
- 9.Mujumdar R. C., History of the freedom movement in India, Vol. I-III.
- 10.Mujumdar R.C. (ed.) The History and Culture of the Indian People Vol. 1 - IX British paramountcy and Indian Renaissance Vol IX.
- 11.Menon V.P. - The Transfer of power in India Princeton University Press,1957.
- 12.Moon Vasant, Dr Babasaheb Ambedkar writing and speeches Government of Maharashtra, Bombay.
- 13.Sarkar Sumit, - Modern India :1885 - 1947, Macmillan India Ltd., Madras, 1986.
- 14.Sarkar Sumit - Bibliographical survey of social Reform movement in the 18th &19th century (ICHR 1975).
- 15.Tara Chand - History of freedom Movement, Vol. I - IV publication Division, Ministry of Information and Broadcasting, Government of India, New Delhi,1983.

संदर्भग्रंथ- मराठी:

- आंबेडकर बाबासाहेब, पाकिस्तान अर्थात भारताची फाळणी, (अनु.दीपक पंचभाई) प्रबुद्धभारत पुस्तकालय, नागपूर, २०१८.
- कदम मनोहर, भारतीय कामगार चळवळीचे जनक: नारायण मेघाजी लोखंडे, अक्षर प्रकाशन, २००२.
- केतकर कुमार, कथा स्वातंत्र्याची (महाराष्ट्र), पुणे, १९८५.
- गर्गे स. मा., भारतीय समाज विज्ञान कोश, खंड १ ते ४, मेहता पब्लिशिंग हाऊस, पुणे, २००७ .
- चपळगावकर नरेन्द्र, तीन न्यायमूर्ती आणि त्यांचा काळ, मौज प्रकाशन, मुंबई , २०१०.
- चंद्र बिपन, मुखर्जी, पण्णीकर, महाजन, इंडियाज स्ट्रगल फॉर इंडिपेंडेंस, (अनु.) काळे एम.व्ही. भारताचा स्वातंत्र्य संघर्ष, के. सागर पब्लिकेशन्स, पुणे, २००३.

चौसाळकर अशोक, महात्मा फुले आणि शेतकरी चळवळ, लोकवांडमयगृह, मुंबई, २००७.

जावडेकर आचार्य श.द., आधुनिक भारत, कॉन्टिनेन्टल प्रकाशन, पुणे, १९९४.

तळवळकर गोविंद, सत्तांतर : १९४७, मौज प्रकाशन, मुंबई, १९९७.

दत्त आर. पी. अनु. आवटे लीला, भारत आजचा आणि उद्याचा, लोकवांडमयगृह, मुंबई, १९८६ .

दत्त आर. पी., इंडिया टुडे, अनु., देवधर य. ना., आजकालचा भारत, डायमंड पब्लिकेशन, पुणे, २००६

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Core Course 3: History of Civilization (3 Credit)
Semester V Course Title: - World Civilization and Heritage (Part I)

Course Objectives:

- 1.To Introduce students to the various concept and theories of World Civilization.
- 2.To study the types of Stone Culture and its various aspects.
- 3.To acquaint the students with rise and growth of Ancient Civilization in West Asia.
- 4.To understand about Ancient Civilization of China and its various parts.
- 5.To enable the students to understand the Ancient Indian Civilization and its town planning, socio-economic, religious life as well as Vedic Civilization.

Course Outcomes:

1. Students will be aquanaut with the knowledge of how the Human Civilization process was start
2. The History of World Civilization course will be developing the curiosity in students the rise and growth of Ancient Civilization in world.
3. This curriculum develops the attitude of contemporary students towards the World Civilization.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content

Unit I: Stone Age Culture **12**

- a) Evolution of Human
- b) Types of Stone Age – Palaeolithic Age, Mesolithic Age, Neolithic Age
- c) Food Production, Primitive Agriculture and Village Settlement

Unit II: Ancient Civilization in West Asia **12**

- a) Egypt – Government, Socio-Economic Life, Art and Architecture
- b) Mesopotamia - Socio-Economic Life, Art and Architecture
Religion and Literature.
- c) Contribution of Egyptian and Mesopotamian Civilization to World History

Unit III: Ancient Civilization of China

10

- a) Social Structure and Economy
- b) Religion and Philosophy
- c) Art and Architecture

Unit IV: Ancient Indian Civilization

11

- a) Harappan Civilization – Town Planning, Socio –Economic and Religious Life, Art and Craft, Decline
- b) Vedic Civilization–Vedic Literature, Socio-Economic life, Cultural and Religious belief
- c) Contribution of Harappan and Vedic Civilization

Reference Book

English

1. Bowel, John, Man through the Ages, Weidenfeld and Nicolson, London, 1977.
2. Craig, A.M., Graham, W.A., Kagan, D., Ozment, S., and Turner, F.M., The Heritage of World Civilization, 2 vols. Macmillan, 1986.
3. Davies H.A., An outline History of the World, Oxford University Press, London, 1964. (Fourth edition).
4. Durant Will, the Study of Civilization, Vol.I, (Our Oriental Heritage).
5. George W. Southgate, an Introduction to World History, J.M. Dent & Sons Ltd. London, 1956.
6. Lucas, Henry, A short History of Civilization
7. Platt & Drummond, Our World through the Ages, Prentice-Hall, New- York, 1959.
8. Sood Vishal, Ancient Civilizations of the World, ABH Publishing Corporation, New Delhi, 2012.
9. Thapar Romila, India: From the origins to AD 1300, Penguin.

मराठी

- कुलकर्णी. अ. रा., पी. एन. देशपांडे व अ. म. देशपांडे, संस्कृतीचा इतिहास, सुविचार प्रकाशन मंडळ, पुणे, १९७७
- कुलकर्णी. अ. रा. प्राचीन भारत-इतिहास आणि संस्कृती
जोशी लक्ष्मणशास्त्री, वैदिक संस्कृतीचा विकास
नाईकनवरे वैजयंती, प्राचीन समाज, फडके प्रकाशन, कोल्हापूर, २००८
पवार जयसिंगराव, मानव जातीचा इतिहास, अजब पुस्तकालय, कोल्हापूर, १९७२
सांझगिरी प्रभाकर, मानवाची कहाणी, पी. पी. एच. मुंबई १९६०

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-3C)- (3 + 1 Credit)
Semester –V Course Title: Introduction to Historiography

Objectives:

1. To orient students about how History is studied, written and understood.
2. To explain methods and tools of data Collection
3. To study the types of Indian Historiography.
4. To describe importance of Inter-Disciplinary Research.
5. To introduce Students to the basics of Research.

Course Outcomes:

1. Students will be introduced to the information and importance of Historiography.
2. Students will be introduced to the different Methods and Tools of data collection.
3. Students can study the interdisciplinary approach of History.
4. Students will learn about the usefulness of History in the 21st century, its changing perspectives, the new ideas that have been invented, and the importance of History in a competitive World.
5. This curriculum develops Research ability and process of Research Methodology in History

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content:

Unit -I: Meaning and Scope of History

11

- a) Definition, Nature & Scope of History
- b) History and Social sciences
(Political science, Geography, Economics, Sociology)

Unit -II: Sources of Historical Research

10

- a) Primary, Secondary and Oral sources.
- b) Written, Unwritten.
- c) Importance of Sources.

Unit -III: Preliminary Operations

12

- a) Problem Formulation
- b) Objectives
- c) Hypotheses, Research Methods

Unit -IV: Synthetic Operations

12

- a) External Criticism
- b) Internal Criticism
- c) Interpretation, Foot Note
- d) Organizing Research Work, Statistical Data, Outcomes and Bibliography.

Reference Books

English

1. Avneri S., Social and Political Thought of Karl Marx, Cambridge, 1968.
2. Barnes H.E., History of Historical Writing, Dover, New York, 1963.
3. Cannadinen David (Ed.), What is History Now? Palgrave Macmillan, Basingstoke, 2002.
4. Carr E.H., What is History, Penguin Books, Harmondsworth, 1971.
5. Chitnis K.N., Research Methodology in History
6. Collingwood, R.G., The Idea of History, Oxford University Press, New York, 1976.
7. E. Shreedharan, A Textbook of Historiography 500 BC to AD 2000, Orient Black Swan, New Delhi.
8. Elton G.R., Practice of History, Blackwell, London, 2001.
9. Grewal J.S., History and Historians of Medieval India, Guru Nanak University, Amritsar, 2000.
10. Langlois Ch, V. And Ch. Seignobos, Introduction to the study of History,
11. Mujumdar R.C., Historiography in Modern India, 1970.
12. Sarkar Sumit, Writing Social History, OUP, Delhi, 1998.
13. Sen S.P.(Ed.), Historians and Historiography in Modern India, Culcutta, 1973.
14. Shiekh Ali, History: Its Theory and Method, Macmillan Publication, Madras, 1972.
15. Tikekar S.R., On Historiography, Mumbai, 1964.

16. Wilkinson and Bhandarkar, Research Methodology in Social Sciences, Himalaya, New Delhi, 2002.

मराठी

कार.ई.एच.,अनुवाद .प्रा.वि.गो.लेले ,इतिहास म्हणजे काय ,कॉन्टीनेन्टल प्रकाशन ,पुणे ,३०.

गर्गे स.मा ,इतिहासाची साधने:एक शोध यात्रा ,पॉप्युलर प्रकाशन ,मुंबई ,१९९४.

कोठेकर शांता ,इतिहास तंत्र आणि तत्वज्ञान ,श्रीसाईनाथ प्रकाशन ,नागपूर ,२००५.

देव प्रभाकर ,इतिहास एक शास्त्र ,कल्पना प्रकाशन ,नांदेड ,मार्च १९९७.

सरदेसाई बी.एन ,इतिहास लेखनशास्त्र,फडके प्रकाशन ,कोल्हापूर ,२००२.

देशमुख प्रशांत ,इतिहासाचे तत्वज्ञान ,विद्या बुक पब्लिशर्स ,औरंगाबाद ,२००५.

गायकवाड ,सरदेसाई ,हनमाने ,ऐतिहासिक कागदपत्रे व स्थळे यांचा अभ्यास ,फडके प्रकाशन ,
कोल्हापूर,१९८९

वळसंगकर कृ.ना,इतिहास विचारतरंग ,कॉन्टीनेन्टल प्रकाशन ,पुणे ,१९७४.

ढवळीकर मधुकर ,पुरातत्वविद्या ,म.रा.सा.सं.मं.मुंबई ,१९८०.

खोबरेकर वि .गो ,.महाराष्ट्रातील दप्तरखाने ,महाराष्ट्र राज्य साहित्य आणि सांस्कृतिक मंडळ ,मुंबई ,
१९८८ .

राजदरेकर सुहास,इतिहास लेखनशास्त्र, विद्या प्रकाशन, नागपूर १९९८.

बेंद्रे वा. साधन चिकीत्सा.सी

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-4D)- (3 + 1 Credit)
Semester –V Course Title: Maharashtra in the 19th Century

Course Objectives:

1. To Introduce the students to the history of 19th century in Maharashtra
2. To study Political, Social, Economic and conceptual History of the 19th Century Maharashtra in an analytical way with the help of primary sources.
3. To evaluate contribution of 19th century in Maharashtra to the establishment of Maharashtra state contribution of successors and later development of the 19th century Maharashtra
4. To study Socio-religious System of the 19th Century in Maharashtra.

Course Outcomes:

1. Student will develop the ability to analyse sources for 19th century Maharashtra History.
2. Student will learn significance of Regional History and Socio- religious reformism foundation of the region.
3. It will enhance their perception of 19th Century Maharashtra.
4. Appreciate the skills of leadership and the Socio-religious System of the Maharashtra.

Pedagogy:

Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning.

Course Content:

Unit-I. Foundation of British Power in Maharashtra 9

- a) Background
- b) British Administration.
- c) Impact of British Power in Maharashtra.

Unit-II. Reformism in Maharashtra 16

- a) Contribution of Intellectuals –Balshastri Jambhekar, Jagannath Shankarsheth Gopal Hari Deshmukh (Lokhitwadi) ,Mahatma Jyotiba Phule
- b) Institutional Experiments-Paramahansa Mandali, Prarthana Samaj,Satyashodhak Samaj, Sarvajanik Sabha

Unit-III. Uprising and Political Agitation

12

a) Local Uprisings

(Uprising of Ramoshi, Bhill, Koli, Revolt of 1857 and Deccan Riots (1875)

b) Rise of Nationalism (Indian National Congress, Moderate, Nationalist)

Unit-IV. Economic Transformation in Maharashtra

8

a) Economic Exploitation

b) Revenue (Rayatwari system)

c) Commercialization of Agriculture.

d) Economic Thought –Brief Survey

Reference Books

English:

1. Ballhatchet Kenneth, Social Policy and Social Change in Western India. 1817-1830, OUP, 1961.
2. Nurullah Syed and Naik J.P. A History of Education in India (During the British Period) Macmillan and Co.Ltd. Bombay,1951.
3. Paranjpe Shrikant, Dixit Raja and Das C.R. Western India: History Society and Culture, Itihas Shikshak Mahamandal, Maharashtra, Pune-1997.
4. Ravindra Kumar, Western India in the Nineteenth Century: A Study in the Social History of Maharashtra Routledge and Kegan Paul, Toronto, 1968.

मराठी:

१. अत्रे शुभांगी, महाराष्ट्र संस्कृती, डायमंड प्रकाशन, पुणे.१८१८
२. कीर धनंजय, महात्मा ज्योतिराव फुले आमच्या समाज क्रांतीचे जनक, पॉपुलर प्रकाशन, मुंबई.२०१२
३. कुलकर्णी शिल्पा, महाराष्ट्राचे समाज सुधारक, डायमंड प्रकाशन, पुणे.२०१२
४. कुलकर्णी, पु. बा. ना. नाना शंकरशेट यांचे चरित्र, मुंबई,१९५९
५. केतकर कुमार, कथा स्वातंत्र्याची, ग्रंथाली प्रकाशन, पुणे.१९८५
६. गरुड अण्णासाहेब, सावंत बी.बी. महाराष्ट्रातील समाज सुधारणा चळवळीचा इतिहास, कैलास पब्लिकेशन, औरंगाबाद १९८६
७. गर्गे एस. एम. गोपाळ गणेश आगरकर, नॅशनल बुक ट्रस्ट इंडिया, न्यू दिल्ली. १९९६
८. चौसाळकर अशोक, महर्षी विठ्ठल रामजी शिंदे यांचे धर्मविषयक विचार लोकवाडमय गृह प्रकाशन मुंबई.२००९
९. चौसाळकर अशोक, महाराष्ट्रातील महर्षी विठ्ठल रामजी शिंदे, लोकवाडमय गृह प्रकाशन मुंबई २०११

१०. जावडेकर आचार्य, आधुनिक भारत, कॉन्टिनेन्टल प्रकाशन, पुणे.२०१०
१. दीक्षित राजा. एकोणिसाव्या शतकातील महाराष्ट्रातील मध्यम वर्गाचा उदय, डायमंड प्रकाशन, पुणे.२००९
१४. धर्माधिकारी ए. बी. महाराष्ट्रातील समाज सुधारक, चाणक्य मंडळ परिवार प्रकाशन, पुणे. २००७
१६. नंदा बलराम (अनु.), वसंत पळशीकर, गोपाळ कृष्ण गोखले, ब्रिटीश राजवट व भारतीय नेमस्त युग, पुणे १९८६
१७. नरके हरी ,फडके य.दि. महात्मा फुले गौरव ग्रंथ, महाराष्ट्र राज्य शिक्षण विभाग, मुंबई. १९९३
१८. पवार जयसिंगराव, राजश्री शाहू स्मारक ग्रंथ, महाराष्ट्र इतिहास प्रबोधनी, कोल्हापूर. १९९९
१९. पाटील व्ही.बी.महाराष्ट्रातील समाजसुधारणेचा इतिहास, मेहता पब्लिशिंग हाऊस,पुणे. १९७८
२०. फाटक एन.आर. न्यायमूर्ती महादेव गोविंद रानडे यांचे चरित्र, नीलकंठ प्रकाशन, पुणे. १९६६
- २१.फडकुले निर्मलकुमार, लोकहीतवादी कार्य आणि कर्तृत्व, कॉन्टिनेन्टल प्रकाशन, पुणे.१९७३
- २२.बगाडे उमेश, महाराष्ट्रातील प्रबोधन आणि वर्गजाति प्रभुत्व, सुगावा प्रकाशन, पुणे. २००६ ,
- २४.भोळे भा. ल. भारतीय राजकीय विचारवंत, पिंपलापुरे अंड कं.पब्लीशर्स,नागपूर. २०१८
- २५.भोळे भास्कर लक्ष्मण, महात्मा ज्योतिराव फुले वारसा आणि वसा, साकेत प्रकाशन, औरंगाबाद.२००१
- २६.पंडित नलिनी , महाराष्ट्रातील राष्ट्रवादाचा विकास, मॉडर्न बुक डेपो, पुणे.१९७४
- २८.मोरे सदानंद. लोकमान्य ते महात्मा. राजहंस प्रकाशन.मुंबई.२००७
- २९.रानडे महादेव गो. महाराष्ट्रातील समाज विचार १८१८ ते १८८४, सुविचार प्रकाशन मंडळ, नागपूर .
- ३०.सरदार ग. बा. अर्वाचीन मराठी गद्याची पूर्वपीठिका, मॉडर्न बुक डेपो ,पुणे १९३७.
- ३१ सरदार ग. बा. आधुनिक महाराष्ट्राचे उपेक्षित मानकरी. सुनंदा प्रकाशन, पुणे १९४१.
- ३२ सरदार जी. बी. महात्मा फुले व्यक्ति आणि विचार, ग्रंथाली प्रकाशन. पुणे .
- ३३.सरदेसाई बी. एन. आधुनिक महाराष्ट्र, फडके प्रकाशन, कोल्हापूर.२०००.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-4D)- (3 + 1 Credit)
Semester -V Course Title- Constitutional Development in India (1773-1853)

Course Objectives:

1. To Introduce the students to evolution of Constitution of India.
2. To study Factors and Situations that shaped the Constitutions.

Course Outcomes:

1. Students will understand evolution of Constitution of India.
2. Student will learn factors and conditions that contributed to constitution of India
3. Students will understand the Democratic Processes and thereby strengthen Democracy.

Pedagogy:

Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content:

Unit-I: Introduction. 10

- a) Establishment of East India Company and its success in India
- b) Structure of East India Company
- c) Dual Government in Bengal: Background, Nature and Evaluation

Unit-II: Regulation on East India Company 15

- a) Causes of Regulation on East India Company
- b) Regulating Act of 1773-Background, Provisions, Evaluation.
- c) Pitt's India Act of 1784 -Background, Provisions, Evaluation

Unit-III: Constitutional Development from 1784 to 1813 10

- a) The Charter Act of 1793-Background, Provisions, Evaluation

- b) The Charter Act of 1813- Background, Provisions, Evaluation.

Unit-IV: Constitutional Development from 1833 to 1853

10

- a) The Charter Act of 1833- Background, Provisions, Evaluation
b) The Charter Act of 1853- Background, Provisions, Evaluation

Reference Books

English:

1. Keith A.B.; A Constitutional History of India (1600-1935), Pacific Publication o Andesite Press, India
2. Sethi R.R. and Mahajan V.D.; Constitutional history of India, S. Chand Publication, New Delhi
3. Chhabra G.S.; Advanced study in the Constitutional History of India (1773-1947), New Academic Publishing Company, Jullundur, India
4. Sikri S.L.; A Constitutional History of India, S. Nagin and Company, Jullundur, India
5. Jayapalan N.; Constitutional History of India, Atlantic publication, India
6. Mishra V.B.; Evolution of the Constitutional History of India (1773-1947), South Asia books, India
7. Khan M.M.; Constitutional History of India, Wisdom Press, Darya Ganj, New Delhi
8. Pylee Dr. M.V.; Constitutional History of India, S. Chand Publication, Darya Ganj, New Delhi
9. Aggarwala R.N.(Dr.); National Movement and Constitutional Development of India, Metropolitan Book Co. (P) Ltd. Delhi
10. Bhatnagar M. and R.C. Agarwal; Constitutional Development and National Movement, S. Chand Publishing, New Delhi

मराठी

१. जोशी पद्माकर लक्ष्मीकांत ; भारताचा संवैधानिक इतिहास, विद्या प्रकाशन, नागपूर, १९९६.
२. भोगले शांताराम; भारतीय राष्ट्रीय आंदोलने आणि घटनात्मक विकास, विद्या प्रकाशन, नागपूर, १९९६ .
३. एस. गोपाल आणि सरोज देशपांडे; ब्रिटीशांची भारतातील राजनीती, डायमंड पब्लिकेशन, पुणे, २००६ .
४. गायकवाड रा. ज्ञा., प्रा. दि. ज्ञा. थोरात; भारताचा राजकीय आणि घटनात्मक इतिहास, रविल प्रकाशन, सातारा १९९९

हिंदी

भटनागर महेश , आर. सी. अगरवाल; भारतीय संविधान का विकास तथा राष्ट्रीय आंदोलन, एस. चांद पब्लिकेशन, २००८.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 C) – (2 Credits)

Notes:

1. The University Grants Commission has made it compulsory for students to earn two credits from a Skill Enhancement Course (SEC) in each semester second year onwards.
2. It is mandatory for the student to complete one Skill Enhancement Course (SEC) in each semester from Semester V to Semester VI.
3. It must be noted that student has to choose any one of the three Skill Enhancement Courses (SEC) for each Semester.
4. Each Skill Enhancement Course (SEC) will have two (2) credits only.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 C) – (2 Credits)
Semester V: -SEC: 9 Course Title: South Indian Art and Architecture
(From 4th Century A.D. to 12th Century A.D.)

Objectives:

1. To acquaint the students, the Arts and Architecture of South India.
2. To acquaint the students, the and development of the Arts and Architecture of South India.
3. To enable the students to understand the Process of development of the Arts and Architecture of South India.
4. To create an interest among the students for the study of Arts and Architecture of South India.

Course Outcomes:

1. Students will get an overall understanding of the development of the Art and Architecture in South India.
2. They will understand the changing patterns of the Art and Architecture in South India.
3. They will understand the impact of Persian Art on Islamic Art and Architecture in South India

Unit. I- Introduction to Panting **10**

- a) Ajanta Painting.
- b) Lepakshi Painting.

Unit. II - Introduction to Sculpture **10**

- a) Mahabalipuram.
- b) Badami

Unit.III- Introduction to Architecture **10**

- a) Pattdakal ,Velur
- b) Tanjavur, Vesara style

Reference Books

English

1. Rowland B., Art and Architecture Of India, Penguin Book, London, 1967.
2. Agarwal, O. P. Ed. Conservation of Cultural Properties in India, New Delhi, 1967-68.
3. Brown, Percy, Indian Architecture, 2 Vols., Bombay, 1959.
4. Deglurkar, G. B. Temple Architecture and Sculpture of Maharashtra, Nagpur, 1974.
5. Fletcher, Bannister, A History of Architecture, 17th Ed., London, 1961.
6. Fergusson, James, History of Indian and Eastern Architecture, 2 Vols., Delhi, 1967.
7. Kramrisch, Stella, The Hindu Temple, 2 Vols., Delhi, 1980.
8. Sastri, K. A. N. The Culture and History of the Tamils, Calcutta, 1964.
9. Sastri, K. A. N. A History of South India, Madras, 1958.

मराठी

1. जोग, वि. वा. तमिळनाडचे संगमकालीन सुवर्णयुग, मुंबई, १९७५.
2. रेड्डी, बालशौरि, तमिलनाडु, दिल्ली, १९७०.
3. दीक्षित, विजय, वास्तुकला: काल, आज आणि उद्या, नासिक, १९७३.
4. माटे, म. श्री. प्राचीन भारतीय कला, पुणे, १९७४.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 C) – (2 Credits)
Semester V -SEC -:10 Research Paper Writing

Objectives

1. To describe importance of Inter-Disciplinary Research.
2. To introduce students to the Basics of Research.
3. To Describe the Research Outline

Course Outcomes:

1. Students will be introduced to the information and importance of Historiography.
2. Students can study the interdisciplinary approach History.
3. This curriculum Will help to develop Research ability and Process of Research Paper

Writing in History

Unit-I: Formulation of Problem 10

- a) Survey of Literature.
- b) Gaps in Existing Research
- c) Research Question to bridge the gaps

Unit-II: Research Procedures 10

- a) Research Design and its Implementation
- b) Source Collection, Close Reading, Criticism
- c) Grouping and Classification of Sources

Unit-III: Findings and Reporting 10

- a) Drawing Conclusions based on available data
- b) Writing a Research Report
- c) Footnotes and Bibliography for acknowledging the credit of others

Reference Books

English

1. Barnes H.E., *History of Historical Writing*, Dover, New York, 1963.
2. Cannadine David (Ed.), *What is History Now?*, Palgrave Macmillan, Basingstoke, 2002.
3. Carr E.H., *What is History*, Penguin Books, Harmonds worth, 1971.
4. Chitnis K.N., *Research Methodology in History*, Pune.
5. Elton G.R., *Practice of History*, Blackwell, London, 2001.
6. E.Shridharan, *A Textbook of Historiography 500 BC to AD 2000*, Orient Black Swan, New Delhi.
7. Sarkar Sumit, *Writing Social History*, OUP, Delhi, 1998.
8. Shiekh Ali, *History : Its Theory and Method*, Macmillan Publication, Madras, 1972.
9. Tikekar S.R., *On Historiography*, Mumbai, 1964.

मराठी

आठवले सदाशिव, इतिहासाचे तत्त्वज्ञान, प्रज्ञा प्रकाशन, वाई, १९८८.

कार इ.एच., इतिहास म्हणजे काय? कॉन्टीनेन्टल प्रकाशन, पुणे, १९९८

कुलकर्णी अ.रा. मराठ्यांचे इतिहासकार, डायमंड पब्लिकेशन्स, पुणे, २००९

कोठेकर शांता, इतिहासाचे तंत्र आणि तत्त्वज्ञान, साईनाथ प्रकाशन नागपूर, २००५

खरे ग.ह. संशोधांकाचा मित्र, भारत इतिहास संशोधन मंडळ, पुणे, १९७०.

गर्गे स.मु. इतिहासाची साधने: एक शोधयात्रा पॉप्युलर प्रकाशन, मुंबई, २०००.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 C) – (2 Credits)
Semester V -SEC: 11 Course Title: - Museology

Objectives:

1. To acquaint the students with the rise and development of Museum.
2. To impart to the students an understanding of the importance of material history through Museum.
3. To encourage the students to collect the material or sources of History for local, regional and National History through Museum.
4. To enable the students to collect Various Articles as a tool of History.

Course Outcomes:

1. The Students will understand the Concepts of Museum and learn the basic Principles of Museology
2. The Students will gain Comprehensive Knowledge of the Process of Curating and Conserving Museum of objects

Unit-I: Introduction

10

- a) Definition
- b) History of Museum
- c) Importance of Museum

Unit-II: Main Museums in Maharashtra.

10

- a) Museums before Independence
- b) Museums after Independence
- c) Role of Curator

Unit-III: Types of Museums

10

- a) Arts Museums
- b) Historical Museums.

Reference Books

English

1. Agarwal, O. P. *Conservation of Manuscripts and Paintings of South-East Asia*, London, 1984.
2. Agarwal, Usha, *Directory of Museums in India*, New Delhi, 2000.
3. Bartz, Bettina Optiz, Helmut Richter, Elizabeth, Eds., *Museums of the World*, 1992.
4. Bornham, Bonnie, *Protection of Cultural Property: A Handbook of National Legislation*, Paris, 1974.
5. Coleman, L. V. *Museum Buildings, Vol. I*, Washington, 1950.
6. Coleman, L. V. *The Museums in America, 3 Vols.*, Washington, 1939.
7. Edson, Gary Dean, David, *The Handbook of Museums*, 1994.
8. Hudson, Kenneth Nicholls, Ann, Eds., *World Directory of Museums*, New York, 1975.
9. International Council of Museums, *Directory of Museums in the Arab Countries*, London, 1995.
10. Knell, Simon, Comp. and Ed., *A Bibliography of Museum Studies*, 1994.
11. Sarkar, H. *Museums and Protection of Monuments and Antiquities in India*, Delhi, 1981.
12. Woodhead, Peter Stansfield, Geoffrey, *Key Guide to Information Sources in Museum Studies*, 1994.

मराठी

१. केतकर, श. म. *संग्रहालयपरिचय*, पुणे, १९६२.

Savitribai Phule Pune University, Pune
Proposed syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Core Course 4 (3 Credit)
Semester VI: Course Title: - India After Independence- (1947-1991)

Objectives:

1. To make the students aware about the making of Contemporary India and events that panned out in the Post-Independence Era.
2. To make the students aware of the Multi-Dimensionality of Modern India.
3. To highlight the ideas, institutions, forces and movements that contributed to the shaping of Indian Modernity.
4. To acquaint the students with various Interpretative and Analytical perspectives.

Course Outcomes:

1. It will enable students to develop an overall understanding of the Contemporary India.
2. To increase the spirit of healthy Nationalism, Democratic Values and Secularism among the students.
3. Students will understand various aspects of India's domestic and foreign policies that shaped Post-Independence India.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Unit I: Challenges after Independence

13

- a) Consequences of Partition
- b) Integration of Princely states- Kashmir, Junagadh, Hyderabad
- c) Liberation of Portuguese and French Colonies- Goa, Pondicherry, Chandranagore
- d) Indian Constitution – Salient Features
- e) Linguistic Reorganization of States

Unit II: India's Foreign Policy

10

- a) Non Aligned Movement
- b) Indo-Pak Relations, Conflicts and the birth of Bangladesh
- c) Indo-Sino Relations, Conflicts and Panchsheel
- d) Indo-Sri Lanka Relations

Unit III: Domestic Policy

10

- a) Hindu Code Bill: Nature and Impact
- b) Emergency: Background, Nature and Impact
- c) Space Research

Unit IV: Economic Policy

12

- a) Mixed Economy and Five Year Plans
- b) Industrial Development
- c) Nationalization of Banks - First Demonetization
- d) Privatization, Liberalization and Globalization: Brief Introduction

Reference Books:

English

1. Chandra Bipan: Mukherjee Mridula: Mukherjee Aditya; India After Independence; Penguin: India 1999
2. Lapierre Dominique and Collins Larry; Freedom at Mid night; William Collins and Simon & Schuster; UK & USA;1975
3. Guha Ramchandra; India After Gandhi: The History of the World's Largest Democracy; Harper Collins; India; 2007
4. Metcalf Barbara D., Metcalf Thomas R; [A Concise History of Modern India](#); [Cambridge University Press](#); 2012
5. Talbot Ian, Singh Gurharpal; [The Partition of India](#), Cambridge University Press; 2009
6. Wolpert Stanley; [A New History of India](#), Oxford University Press; 1977
7. Ansari Sarah Life after Partition: Migration, Community and Strife in Sindh: 1947–1962; Oxford, UK: Oxford University Press; 2005.
8. Sarvepalli Gopal, Jawaharlal Nehru: A Biography. 1947-1956. Volume Two (1979)
9. Chacko Priya; [Indian Foreign Policy: The Politics of Postcolonial Identity from 1947 to 2004](#); Routledge; 2013.
10. Kulke, Hermann; A History of India; Routledge; 2004
11. Menon Shivshankar Menon; [Choices: Inside the Making of India s Foreign Policy](#); Penguin; India; 2016
12. G.W. Choudhury, India, Pakistan, Bangladesh, and the major powers: politics of a divided subcontinent; Cambridge University Press; India;1975
13. Kore, V.S. ["Liberation of Goa: Role Of The Indian Navy"](#); Bharat Rakshak; 2013.
14. Ashton, S.R.; British Policy towards the Indian States, 1905–1938, London Studies on South Asia no. 2, London; Curzon Press;2003
15. [Khanna, Justice H.R.](#); Making of India's Constitution; Eastern Book Company; 2008.
16. [Austin, Granville](#); The Indian Constitution: Cornerstone of a Nation (2nd ed.). Oxford University Press;1999
17. Ganguly Sumit; [‘India, Pakistan, and Bangladesh: Civil-Military Relations’](#), Oxford Research Encyclopaedia of Politics, Oxford University Press; 2020
18. Sukumaran, R; [‘1962 India-China War and Kargil 1999: Restrictions on Air Power’](#); 2003

19. Dube, Rajendra Prasad; [Jawaharlal Nehru: A Study in Ideology and Social Change](#); 1998
20. Maheshwari Neerja; [Economic Policy of Jawaharlal Nehru](#). Deep & Deep; 1997
21. Jayakar Pupul; [Indira Gandhi: A Biography](#); Penguin Books India; 1992.
22. Chandra, Bipan; [In the name of democracy : JP movement and the emergency, Chapter 4, Emergency imposed](#); Penguin Books; New Delhi; 2003.
23. Agrawal Narayan; [Lal Bahadur Shastri, Churn of Conscience](#). Eternal Gandhi; 2006.
24. Nehru, S., ed.; [Economic Reforms in India: Achievements and Challenges](#); MJP Publisher; Chennai; 2019
25. Shiva, Vandana; [The Violence of the green revolution : Third World agriculture, ecology, and politics](#); 1991.

मराठी

- कोठेकर शांता ,आधुनिक भारताचा इतिहास १९४७ ते २००० श्रीसाईनाथ प्रकाशन नागपूर २००८.
- कोठेकर शांता, वैद्य सुमन, स्वतंत्र भारताचा इतिहास (१९४७ ते १९८६), श्रीसाईनाथ प्रकाशन नागपूर २००८
- चंद्र बिपन(अनु.) पारधी मा.कृ. व इतर, स्वतंत्र्यतोतर भारत, के सागर पब्लिकेशन, पुणे.
- तळवलकर गोविंद , नवरोजी ते नेहरू , माजेस्टिक प्रकाशन, मुंबई, १९८९
- दिवान चंद्रशेखर, भारताची विदेशनीती , विद्या प्रकाशन, नागपूर, १९९२
- ब्रम्हे सुलभा (संपा.) धं.रा. गाडगीळ लेखसंग्रह खंड १, गोखले अर्थशास्त्र संस्था पुणे
- महाजन समाधान , आधुनिक भारताचा इतिहास , युनिक अकादमी पुणे २०१८

Savitribai Phule Pune University, Pune
Proposed syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Core Course 4 History of Civilization (3 Credit)
Semester VI Course Title: -World Civilization and Heritage (Part II)

Course Objectives:

1. To Orient students about Western Classical Civilization of Greece and Roman.
2. To introduce students to the Arab Civilization and its various aspects.
3. To study various Concept and theory's in Medieval Europe.
4. To understand the Renaissance- Reformation Movement and impact of various Past Civilizations.
5. To create motivation and curiosity among the students through the age of discoveries in Ancient and Medieval times.

Course Outcomes:

1. Students will be oriented about Western Classical Civilization of Greece and Rome.
2. Students will be introduced to Arab Civilization and its impact on world Civilization.

Pedagogy Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content:

Unit I: Western Classical Civilization **12**

- a) Greece Civilization- Social Life, Economy, Cultural Life, Religious belief
- b) Roman Civilization – Philosophy, Socio-Economic Life, Religion, Art and Architecture,
- c) Contribution of Greece and Roman Civilization in World History

Unit II: Arab Civilization **11**

- a) Economic and Cultural Life, Literature, Art and Architecture
- b) Contribution in History Writing
- c) Impact of Arab culture on World Civilization

Unit III: Life in Medieval Europe **12**

- a) Meaning and Nature of Feudalism, Church and State
- b) Economy, Social Life, Rise of Nation States
- c) Impact of Renaissance Period

Unit IV: Historical World Heritage

10

a) Introduction

b) Famous Historical World Heritage Sites- Great Wall of China: China, Great Pyramid of Giza: Egypt, Petra: Jordan, Colosseum: Rome, Chichen Itza: Mexico, Machu Pichu: Peru, Taj Mahal: India, Christ the Redeemer: Brazil

c) Importance of World Heritage Sites

Reference Books:

English

1. B. Kumar, Encyclopedic study of World History, Kunal Books, New Delhi, 2012
2. Gerrit P. Judd, A History of Civilization, Collier-Macmillan, New York, 1966, reprinted 1967.
3. Nanda S.P, History of the World, Dominant Publishers and distributors. Pvt. Ltd. New Delhi, 2007, (Reprint 2011)
4. Swain James Edgar (1970) -A History of World Civilization, Eurasia publishing House (P)Ltd.Delhi-55.
5. Graham, W.A., Kagan, D., Ozment, S., and Turner, F.M., The Heritage of World Civilization, 2 vols., Macmillan, 1986
6. Cambridge Medieval History. (Macmillan, 1911) 8 Vols.
7. Hause, S. and Maltby, W., The Essentials of Western Civilization, Wadsworth, USA, 2001. Lucars, H.S., A Short History of Civilization
8. Miller, David, The Black Well Encyclopedia of Political Thought, Blackwell Reference, New York, 1987.
9. Modell, S., A History of the Western World, 2 vols., Prentice-Hall Inc., New Jersey, 1974
10. Pirenne, Jacques, and The Tides of History: From the beginnings to Islam, George Allen and Union, Ltd., London, 1962 Vol. I.
11. Stavrianos, L.S., The Epic of Modern Man, Prentice Hall, Englewood Cliffs, 1966.
12. Wallbank, T.W., Taylor, A.M., Bailkry, N.M., Civilizations – Past and Present.
13. Weech, W.N., History of the World
14. Managing world heritage sites - Anna leask and Allan fall

15. World heritage conservation the World Heritage convention linking culture and nature for sustainable development - Claire cave and blene Negussie

मराठी

ओतूरकर रा. वि, आर. पोतनीस व जी. एच. महाजन, जगाचा संक्षिप्त इतिहास भाग १, अनाथ वसतिगृह प्रकाशन, पुणे १९५६.

कोलारकर शं. गो. पाश्चिमात्य जग, मंगेश प्रकाशन, नागपूर २००५.

मराठे डी. एस. जगाचा इतिहास, देशमुख आणि कं. प्रा. लि, पुणे १९५६.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-3C) -(3 + 1 Credit)
Semester –VI, Course Title: Applied History

Course objectives:

- 1) To Introduce students to information and importance of Applied History.
- 2) To help students understand the usefulness of history in the 21st century, its changing perspectives, the new ideas that have been invented, and the importance of History in a Competitive World.
- 3) To inform the students about the historical significance of Archaeology and Archives and the opportunities in the field of Archaeology and Archives through this course.
- 4) To inform the students about the opportunities in the field of Media, Museums through this Course.

Course Outcomes:

1. Students will be introduced to the information and importance of applied history.
2. Student will learn about the Historical significance of Archaeology and Archives and opportunities in the field of Archaeology and Archives.
3. Through this course, students will be informed about the opportunities in the field of Media, Museums.
4. Students will learn about the usefulness of history in the 21st Century, its changing Perspectives, the new ideas that have been invented, and the importance of History in a Competitive World.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content

Unit-I. Applied History

14

- a. Applied History: Concept and Application
- b. Application of History in Various Subjects
- c. Co-relationship between Past and Present
- d. Contemporary History: Meaning and Nature

Unit-II. Archaeology and Archives

15

- a) Archaeology and Archives: Definition and Development in India
- b) Archival Sources: Ancient, Medieval and Modern- A brief survey
- c) Heritage Sites: Types, Preservation and Conservation
- d) Historical Importance of Heritage Sites and Museums

Unit-III. Mass Media and Applied History

16

- a) Mass Media: Meaning and Types
- b) Print media:
 - i). Establishment and growth of printing press in India
 - ii). Newspaper: Definition, Rise, Newspaper in India - A brief survey
- c) Electronic media: Radio, Television, E-media.

Unit-IV: Project Work /Study Tour Report/Historical Places Visit Rreport

Project work and Evaluation scheme

1. Candidate shall submit Project report of minimum 2000 words i.e.10 to12 pages
(Should be DTP) to the department by end of the Semester.
2. A viva-voce should be conducted before theory examination and the results should be sent to the University as immediately
3. The Distribution of Marks – For Report Writing 20 Marks and for Vice-Voce 10 Marks

Reference Books

English

- 1) Bajaj Satish K, Research Methodology in History, Amol Pub Pvt.Ltd, New Delhi.
- 2) Bobade Bhajang R., Manuscriptology from Indian Sources, Pacific Publication, Delhi.
- 3) Carr E.H., What is History, Penguin Books, Harmondsworth, 1971.
- 4) Chitnis K.N., Research Methodology in History, Navi Path, Pune1979.
- 5) Collingwood R.G., The Idea of History, Oxford university,1961.
- 6) Datta.K.B., Mass Media in India, Akansha Publishing House, New Delhi,2005.
- 7) Director General, Archaeological Remains, Monuments and Museums Part1&2, Archaeological Survey of India, New Delhi, 1964.
- 8) Gaur.M. M., Electronic Media, Omega Publication, Delhi, 2006.

- 9) Ghose, Sallen, Archive in India, Calcuttd, 1963.
- 10) Mehara Chandar, History of Newspapers in India, Notion Press, Chennai, 2019.
- 11) Mujumdar R.K., Shrivastava A.N., Historiography, subject Book, Delhi, 06, 1975.
- 12) Shobita Punija, Museum of India, The Guidebook, Hon Kong, 1990.

मराठी

- आर्य पी .के ., इलेक्ट्रॉनिकमिडिया , प्रभातप्रकाशन , नवी दिल्ली ,
 कटारे , साखरे, पाटील , पुरातत्वविद्या , वस्तुसंग्रहालय आणि पर्यटन, जेनरिक पब्लिशर, २०१५.
 कार.ई .एच ., अनुवाद .प्रा.वि.गो.लेले , इतिहास म्हणजे काय , कन्टीनेन्टल प्रकाशन , पुणे , ३०.
 कोठेकर शांता , इतिहास तंत्र आणि तत्वज्ञान , श्रीसाईनाथ प्रकाशन , नागपूर , २००५ .
 कोल्हटकर संजय, कुलकर्णी प्रसाद, महाराष्ट्रातील प्रसारमाध्यमे काल आणि आज, डायमंड पब्लिकेशन, पुणे.
 खोबरेकर रवि .गो ., महाराष्ट्रातील दसरखाने , महाराष्ट्र राज्य साहित्य आणि सांस्कृतिक मंडळ , मुंबई , १९८८ .
 गर्गे स.मा ., इतिहासाची साधने: एक शोध यात्रा , पॉप्युलर प्रकाशन , मुंबई , १९९४.
 गायकवाड , सरदेसाई , हनमाने , ऐतिहासिककागदपत्रे व स्थळे यांचा अभ्यास , फडके प्रकाशन , कोल्हापूर , १९८९ .
 जोशी लक्ष्मणशास्त्री तर्कतीर्थ , पुरातत्वविद्या , मराठी विश्वकोश खंड ९ , महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ , मुंबई.
 जोशी लक्ष्मणशास्त्री तर्कतीर्थ, मुद्रण , मराठी विश्वकोश खंड १३ , महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ , मुंबई.
 ढवळीकर मधुकर , पुरातत्वविद्या , म.रा.सा.सं.मं.मुंबई , १९८०.
 थोरात भास्कर वस्तुसंग्रहालयशास्त्र - पुरातत्वविद्या , पुराभिलेख व ग्रंथालयशास्त्र , प्राची प्रकाशन , मुंबई, २००१
 दळवी जयमती , भारतातील प्रसारमाध्यमे काल आणि आज, डायमंड पब्लिकेशन , पुणे.
 देव प्रभाकर , इतिहास एक शास्त्र , कल्पना प्रकाशन , नांदेड , मार्च १९९७.
 देव बी , पुरातत्वविद्या , कॉन्टीनेन्टल प्रकाशन , मुंबई. २००८ .
 देशमुख प्रशांत , इतिहासाचे तत्वज्ञान , विद्या बुक पब्लिशर्स , औरंगाबाद , २००५.
 पाटील सुलोचना , उपयोजित इतिहास , प्रशांत पब्लिकेशन , जळगाव.
 रानडे अनुराधा, समेळ स्वप्ना , पुरातत्वशास्त्र , वस्तुसंग्रहालयशास्त्र , ग्रंथालयशास्त्र , इतिहास अभ्यास पत्रिका क्र. ६ , दूरवक्तु: अध्ययनसंस्था , मुंबई विद्यापीठ, मुंबई.
 लेले.रा.क ., मराठी वृत्तपत्रांचा इतिहास , कॉन्टीनेन्टल प्रकाशन , पुणे , १९८४.
 वळसंगकर रकृ.ना ., इतिहास विचारतरंग , कॉन्टीनेन्टल प्रकाशन , पुणे , १९७४.
 सरदेसाई बी.एन ., इतिहास लेखनशास्त्र, फडके प्रकाशन , कोल्हापूर , २००२.
 सांकलीया हसमुख , पुरातत्वपरिचय , डेक्कन कॉलेज , पोस्टग्राएज्युट अँड रीसर्च सेंटर , पुणे , १९९६

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-4D)- (3 + 1 Credit)
Semester -VI, Course Title: History of Maharashtra in the 20th Century

Course Objectives:

1. To Introduce the students to the history of 20th Century in Maharashtra
2. To study Political, Social, Economic and Conceptual History of the 20th Century Maharashtra in an Analytical way with the help of Primary Sources.
3. To evaluate contribution of 20th Century in Maharashtra to the establishment of Maharashtra state contribution of successors and later development of the 19th century Maharashtra
4. To study Socio-Religious System of the 20th Century in Maharashtra.

Course Outcomes:

1. Student will develop the ability to analyses sources for 20th Century Maharashtra History.
2. Student will learn significance of regional history and Socio- Religious Reformism foundation of the region.
3. It will enhance their Perception of 20th Century Maharashtra.
4. Appreciate the skills of leadership and the Socio-Religious System of the Maharashtra.

Pedagogy:

Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course content

Unit I. Thoughts and work of Intellectuals 15

- a) Pandita Ramabai
- b) Rajarshri Chhatrapati Shahu Maharaj
- c) Maharshi Vitthal Ramji Shinde
- d) Maharshi Dhondo Keshav Karve
- e) Maharaja Sayajirao Gaikwad.
- f) Dr. Babasaheb Ambedkar
- g) Karmaveer Bhaurao Patil

Unit II. Industrial and Economic Development of Maharashtra 10

- a) Industrialization and Urbanization
- b) Cotton and Sugar Industry
- c) Co-operative Movement -Brief survey

Unit III. Movements in 20th Century Maharashtra 10

- a) Workers Movement
- b) Peasants Movement
- c) Dalit Movement
- d) Non-Brahmin Movement

Unit IV. Integration and Reorganization of Maharashtra 10

- a) Marathawada Mukti Sangram
- b) Sanyukta Maharashtra Movement
- c) Maharashtra-Karnataka Border Dispute

Reference Books

English:

1. Ballhatchet Kenneth, Social Policy and Social Change in Western India. 1817-1830, OUP, 1961.
2. Nurullah Syed and Naik J.P. A History of Education in India (During the British Period) Macmillan ana Co.Ltd. Bombay,1951.
3. Paranjpe Shrikant, Dixit Raja and Das C.R. Western India: History Society and Culture, Itihas Shikshak Mahamandal, Maharashtra, Pune-1997.
4. Ravindra Kumar, Western India in the Nineteenth Century: A Study in the Social History of Maharashtra Routledge and Kegan Paul, Toronto, 1968.

मराठी:

१. अत्रे शुभांगी, महाराष्ट्र संस्कृती, डायमंड प्रकाशन, पुणे.१८१८
२. कीर धनंजय, महात्मा ज्योतिराव फुले आमच्या समाज क्रांतीचे जनक, पॉपुलर प्रकाशन, मुंबई.२०१२
३. कुलकर्णी शिल्पा, महाराष्ट्राचे समाज सुधारक, डायमंड प्रकाशन, पुणे.२०१२
४. कुलकर्णी, पु. बा. ना. नाना शंकरशेट यांचे चरित्र, मुंबई,१९५९
५. केतकर कुमार, कथा स्वातंत्र्याची, ग्रंथाली प्रकाशन, पुणे.१९८५
६. गरुड अण्णासाहेब, सावंत बी.बी. महाराष्ट्रातील समाज सुधारणा चळवळीचा इतिहास, कैलास पब्लिकेशन, औरंगाबाद १९८६

७. गर्गे एस. एम. गोपाळ गणेश आगरकर, नॅशनल बुक ट्रस्ट इंडिया, न्यू दिल्ली. १९९६

८. चौसाळकर अशोक, महर्षी विठ्ठल रामजी शिंदे यांचे धर्मविषयक विचार लोकवाडमय गृह प्रकाशन मुंबई. २००९

९. चौसाळकर अशोक, महाराष्ट्रातील महर्षी विठ्ठल रामजी शिंदे, लोकवाडमय गृह प्रकाशन मुंबई २०११

१०. जावडेकर आचार्य, आधुनिक भारत, कॉन्टिनेन्टल प्रकाशन, पुणे. २०१०

१३. दीक्षित राजा. एकोणिसाव्या शतकातील महाराष्ट्रातील मध्यम वर्गाचा उदय, डायमंड प्रकाशन, पुणे. २००९

१४. धर्माधिकारी ए. बी. महाराष्ट्रातील समाज सुधारक, चाणक्य मंडळ परिवार प्रकाशन, पुणे. २००७

१६. नंदा बलराम (अनु.), वसंत पळशीकर, गोपाळ कृष्ण गोखले, ब्रिटीश राजवट व भारतीय नेमस्त युग, पुणे १८६६

१७. नरके हरी , फडके य.दि. महात्मा फुले गौरव ग्रंथ, महाराष्ट्र राज्य शिक्षण विभाग, मुंबई. १९९३

१८. पवार जयसिंगराव, राजश्री शाहू स्मारक ग्रंथ, महाराष्ट्र इतिहास प्रबोधनी, कोल्हापूर. १९९९

१९. पाटील व्ही.बी. महाराष्ट्रातील समाजसुधारणेचा इतिहास, मेहता पब्लिशिंग हाऊस, पुणे. १९७८

२०. फाटक एन.आर. न्यामूर्ती महादेव गोविंद रानडे यांचे चरित्र, नीलकंठ प्रकाशन, पुणे. १९६६

२१. फडकुले निर्मलकुमार, लोकहीतवादी कार्य आणि कर्तृत्व, कॉन्टिनेन्टल प्रकाशन, पुणे. १९७३

२२. बगाडे उमेश, महाराष्ट्रातील प्रबोधन आणि वर्गजाति प्रभुत्व, सुगावा प्रकाशन, पुणे. २००६ ,

२३. भालेराव आनंद. मराठवाड्याचा स्वातंत्र्यसंग्राम. स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ संशोधन संस्था, औरंगाबाद. १९९९

२४. भोळे भा. ल. भारतीय राजकीय विचारवंत, पिंपलापुरे अंड कं. पब्लिशर्स, नागपूर. २०१८

२५. भोळे भास्कर लक्ष्मण, महात्मा ज्योतिराव फुले वारसा आणि वसा, साकेत प्रकाशन, औरंगाबाद. २००९

२६. पंडित नलिनी , महाराष्ट्रातील राष्ट्रवादाचा विकास, मॉडर्न बुक डेपो, पुणे. १९७४

२७. मंगुडकर एम.पी. महाराष्ट्रातील समाज प्रबोधन आणि छत्रपती शाहू महाराजांचे कार्य, पुणे विद्यापीठ प्रकाशन, पुणे.

२८. मोरे सदानंद. लोकमान्य ते महात्मा. राजहंस प्रकाशन. मुंबई. २००७

२९. रानडे महादेव गो. महाराष्ट्रातील समाज विचार १८१८ ते १८८४, सुविचार प्रकाशन मंडळ, नागपूर .

३०. सरदार ग. बा. अर्वाचीन मराठी गद्याची पूर्वपीठिका, मॉडर्न बुक डेपो , पुणे १९३७.

३१ सरदार ग. बा. आधुनिक महाराष्ट्राचे उपेक्षित मानकरी. सुनंदा प्रकाशन, पुणे १९४१.

३२ सरदार जी. बी. महात्मा फुले व्यक्ति आणि विचार, ग्रंथाली प्रकाशन. पुणे .

३३. सरदेसाई बी. एन. आधुनिक महाराष्ट्र, फडके प्रकाशन, कोल्हापूर. २०००.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-4D)- (3 + 1 Credit)
Semester -VI, Course Title- Constitutional Development in India (1858-1950)

Course Objectives:

1. To Introduce the Students to evolution of Constitution of India.
2. To Study factors and Situations that shaped the Constitutions.

Course Outcomes:

1. Student will understand evolution of Constitution of India.
2. Student will learn factors and conditions that contributed to Constitution of India
3. Students will understand democratic processes and thereby strengthen Democracy.

Pedagogy:

Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content

Unit-I: Constitutional Development 1858-1891 **10**

- a) Government of India Act 1858 and Queen's Proclamation – Background, Provisions, Significance.
- b) Indian Councils Act of 1861- Causes, Provisions, Evaluation.
- c) Indian Councils Act 1891 – Causes, Provisions, Evaluation.

Unit II: Indian Councils Acts **15**

- a) Morley-Minto Reforms Act 1909 -Background, Provisions, Significance, Effects
- b) Montagu-Chelmsford Reforms Act 1919- Background, Provisions, Significance, Effect.

Unit-III: The Government of India Act 1935 **10**

- a) Background - Simon Commission, Nehru Report, Round table Conferences
- b) The Salient Features of Government of India Act 1935
- c) Provincial Autonomy

- a) Cripps Mission
- b) Wavell Plan, Cabinet Mission Plan
- c) Mountbatten Plan and Indian Independence Act 1947
- d) Indian Constitution - Salient Features

Reference Books:**English**

1. Keith A.B.; A constitutional history of India (1600-1935), Pacific Publication o Andesite Press, India
2. Sethi R.R. and Mahajan V.D.; Constitutional history of India, S. Chand Publication, New Delhi
3. Chhabra G.S.; Advanced study in the constitutional history of India (1773-1947), New Academic Publishing Company, Jullundur, India
4. Sikri S.L.; A Constitutional history of India, S. Nagin and Company, Jullundur, India
5. Jayapalan N.; Constitutional History of India, Atlantic publication, India
6. Mishra V.B.; Evolution of the Constitutional history of India (1773-1947), South Asia books, India
7. Khan M.M.; Constitutional history of India, Wisdom Press, Darya Ganj, New Delhi
8. Pylee Dr. M.V.; Constitutional history of India, S. Chand Publication, Darya Ganj, New Delhi
9. Aggarwala R.N.(Dr.); National Movement and constitutional Development of India, Metropolitan Book Co. (P) Ltd. Delhi

मराठी

- जोशी पद्माकर लक्ष्मीकांत ; भारताचा संवैधानिक इतिहास, विद्या प्रकाशन, नागपूर, १९९६.
- भोगले शांताराम; भारतीय राष्ट्रीय आंदोलने आणि घटनात्मक विकास, विद्या प्रकाशन, नागपूर, १९९६ .
- एस. गोपाल आणि सरोज देशपांडे; ब्रिटीशांची भारतातील राजनीती, डायमंड पब्लिकेशन, पुणे, २००६ .
- गायकवाड रा. ज्ञा., प्रा. दि. ज्ञा. थोरात; भारताचा राजकीय आणि घटनात्मक इतिहास, रविल प्रकाशन, सातारा, १९९९

हिंदी

- भटनागर महेश , आर. सी. अगरवाल; भारतीय संविधान का विकास तथा राष्ट्रीय आंदोलन, एस. चांद पब्लिकेशन, २००८.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 D) – (2 Credits)
Semester VI SEC: 12 Course Title: -Heritage Management

Course Objectives:

1. To understand the introduction of Heritage Management to the Students
2. To get an Opportunity to seek self-employment to the students

Course Outcomes:

1. Student will understand over all process of Heritage Management
2. Student will get the knowledge about scope and the fact of Heritage Management.
3. The students will enable to understand about legal and commercial framework of Heritage

Unit-I: Heritage **10**

- a) Define the concept of Heritage
 - i) Local
 - ii) National
 - iii) International
- b) Nature and Scope
- c) Importance of Heritage

Unit-II: Heritage Tourism **10**

- a) Define the Concept of Heritage Tourism
- b) UNESCO World Heritage Site in India
- c) UNESCO World Heritage Site in Maharashtra

Unit- III: Heritage Site Management **10**

- a) Roll of Government
- b) Roll of Common People
- c) Field Visit and Report

Reference Books

1. Kernal Balsar, The concept of the Common heritage of Mankind, Vol.30 Martinus Nijhoff
2. Richard Harrison (ed), Manual of Heritage Management, Butterworth Heineman.
3. Devide T Herbert (ed), Heritage Tourism and Society, Mausell.
4. Nagar S.L, Protection, Conservation and preservation of India's monuments. Aryan books
5. Chainani, S., Heritage conservation legislative and organizational policies for India. New Delhi: INTACH. 2007
6. UNESCO and its Programmes , protection of mankind's cultural heritage sites and monuments, UNESCO 1970. International, New Delhi 1998

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 D) – (2 Credits)
Semester VI: 13 Course Title: - Archaeology

Course Objectives:

1. This paper is designed to introduce the students to the Key Concepts and practical approaches in Archaeology, highlighting their applications in interpreting the Human past.
2. It will enable students to understand the definition, aims and scope of Archaeology and its development as a discipline will be introduced to the Students.
3. The nature of the Archaeological record and the unique role of science in Archaeology is explained to the students.
4. Legislation related to Archaeology and the role of Archaeology in Heritage Management is also discussed in this course.

Course Outcomes:

1. Students will learn to understand the definition, aims and scope of Archaeology so as to understand its applications in interpreting the human past.
2. They will be able to understand the nature of the archaeological record and the unique role of science in archaeology.
3. They will have an overall understanding of the Archaeology.

Course Content:

Unit- I: Definition, Aims and Scope of Archaeology	10
a) Archaeology as the Study of the Past: Definition, Aims, and Scope	
b) Significance of Archaeology	
c) Archaeology and History: Differences and Similarities	
 Unit- II: Development of Archaeology in India	 10
a) Archaeological Survey of India	
b) Tata Fundamental Research Institute Mumbai	
c) Deccan College Pune	
 Unit-III: Value of Archaeology	 10
a) Cultural Heritage	
b) Monuments	

Reference Books-

1. Binford, L.R. 1972 Introduction. *An Archaeological Perspective*, pp. 1–14. Seminar Press, New York.
2. Chakrabarti, D.K. 1988. *A History of Indian Archaeology: From the Beginning to 1947*. New Delhi: Munsiram Manoharlal.
3. Daniel, Glyn, E. 1975. *A Hundred and Fifty Years of Archaeology*. London: Duckworth.
4. Dhavalikar, M K. 1984. Towards an Ecological Model for Chalcolithic Cultures of Central and Western India. *Journal of Anthropological Archaeology* 3. Pp- 133-158
5. Fagan, B. 1988. *In the beginning: An Introduction to Archaeology*. Glenview: Scott, Foresman and company.
6. Flannery, K.V., and J. Marcus 1998 *Cognitive Archaeology*. In *Reader in Archaeological Theory: Post-Processual and Cognitive Approaches*, edited by D. Whitley, pp. 35–48. Routledge, London.
7. Gardner, A. 2009 Agency. In *Handbook of Archaeological Theories*, edited by R.A. Bentley, H.G. Maschner, and C. Chippindale, pp. 95–108. AltaMira Press, Lanham, MD.
8. Gifford-Gonzalez, Diane. 2011. Just Methodology? A Review of Archaeology's Debts to Michael Schiffer. *Journal of Archaeological Method & Theory* (2011) 18: 299–308.
9. Hodder, I. 1995. *Interpreting Archaeology: Finding Meaning in the Past*. New York: Routledge.
10. Hurcombe Linda 2007. *Archaeological artefacts as material culture*. New York: Routledge
11. Kelly, R.L. 1995. Chapter 3, Foraging and Subsistence. In *The Foraging Spectrum: Diversity in Hunter- Gatherer Lifeways*. Smithsonian Institution Press, Washington, D.C. (pp. 65–110)
12. McIntosh Jane R. 2008. *Ancient Indus Valley: New Perspectives*. Abc Clío. California.
13. McHenry, Henry M. 2009. *Human Evolution in Evolution: The First Four Billion Years*, edited by M. Ruse and J. Travis. Cambridge, Massachusetts: Harvard University Press. Pp. 256-280
14. Paddayya, K. 1990. *New Archaeology and Aftermath: View from Outside the Anglo-American World*. Pune: Ravish Publishers
15. Paddayya, K. 2014. *Multiple Approaches to the Study of India's Early Past: Essays in Theoretical Archaeology*. Aryan Books International
16. Schiffer, M.B. 1995. *Behavioral Archaeology: First Principles*. Salt Lake City: University of Utah Press

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 D) – (2 Credits)
Semester VI -SEC:14 Course Title: Numismatics

Course Objectives:

1. This paper is designed to introduce the students to the Currency system of Ancient India.
2. It aims at acquainting the students about the development in the Coinage System.

Course Outcomes:

1. Students will be able to identify and decipher the Coins.
2. They will also be able to understand the Socio-Political background that accure through the coinage of that time; thus getting holistic picture of that economic system prevalent in Ancient India.

Course Content:

Unit-I: Introduction to Numismatics	7
a) Numismatic Studies: Terminology and Scope	
b) Importance in the Reconstruction of Socio-Cultural and Economic History	
Unit-II: Study of Ancient Indian Coinage: Polity-Economic Dimensions	8
a) The Mauryan Age - Karshapanas Coins	
b) Coins of the Post Mauryan Age	
c) Coins of the Guptas	
Unit-III: Study of Medieval Coins	7
a) Coinage of the Delhi Sultanate and Mughal Period	
b) Coins of Vijaynagar	
c) Coins of the Marathas	
Unit –IV: Study of Modern Coins	8
a) Coins of the British East India Company	
b) Coins of Independent India	
c) Indian Institute of Research in Numismatic Studies (IIRNS), Anjineri.	

Reference Books:

1. Allan, J. 1935. Catalogue of Coins of Ancient India. London: British Museum.
2. Altekar, A.S., 1937. Catalogue of Coins of the Gupta Empire. Varanasi: Numismatic Society of India.
3. Bhandarkar, D.R., 1921. Carmichael Lectures on Ancient Indian Numismatics. Calcutta: Calcutta University.. Bharadwaj, H.C. 1979. Aspects of Ancient Indian Technology. Delhi: Motilal Banarasidas. Chattopadhyaya, Bhaskar 1967. The Age of the Kushanas – A Numismatic Study. Calcutta: Punthi Pustak.
4. Chattopadhyaya, Brajdulal 1977. Coins and C u r r e n c y S y s t e m in South India. Delhi: Munshiram Manoharlal
5. Dasgupta, K.K. 1974. A Tribal History of Ancient India – A Numismatic Approach. Calcutta: Nababharat Publications.
6. Datta, Mala 1990. A Study of the Satavahana coinage. Delhi: Harman Publishing House. Dhavalikar, M.K. 1975. Pracheena Bharatiya Nanakshastra. Pune: Maharashtra Vidyapeeth Granthanirmitti Mahamandal.
7. Handa, Devendra 2007. Tribles Coins of Ancient India. New Delhi: Aryan Books International. Elliot, W. 1970. (Reprint) Coins of South India. Varanasi: Indological Book House. Gardener, P. 1886. The Coinage of the Greek and Scythic Kings of Bactria and India in British Museum. London: British Museum.
8. Gokhale, Shobhana 1981. New Discoveries in the Satavahana Coinage, JNSI vol. XLIII: 54-59.
9. Goyal, S.R. 1995. Dynastic Coins of Ancient India. Jodhpur: Kusumanjali Book World.
10. Gupta, P.L. 1979. (2 nd Revised Edition) Coins. New Delhi: National Book Trust.
11. Gupta, P.L. 1981. Coins: Source of Indian History. Ahmedabad: B.J. Institute of Learning and Research.
12. Gupta, P.L. and Sarojini Kulashreshtha 1993. Kushana Coins and History. New delhi: D.K. Publishers.
13. Gupta, P.L. and T.R. Hardaker 1985. Ancient Indian Silver Punch-Marked Coins of the Magadha – Maurya Karshapana Series. Nasik: Indian Institute of Research in Numismatic Studies.
14. Jha, A.K. 1998. Observations on the Principles of Typology: A Study of Ancient Indian Coinage, in Ex Moneta: Essays on Numismatics in Honour of Dr. David W. Macdowall (A.K. Jha and Sanjay Garg eds.) Volume I, pp. 33-42. New Delhi: Harman Publishing House.

15. Jha, Amiteshwar and Dilip Rajgor 1994. *Studies in the Coinage of Western Kshatrapas*. Anjaneri: Indian Institute of Research in Numismatic Studies.
16. Krishnamurti, R. 1997. *Sangam Age Tamil Coins*. Madras: Garnet Publishers. Lahiri, A.N. 1965. *Corpus of Indo-Greek Coins*. Calcutta Journal of the Numismatic Society of India, Varanasi.
17. Mangalam, S.J. 2001. *Shankar Tiwari Collection of Early Coins from Narmada Valley*. Bhopal: Directorate of Archaeology and Museums, Government of Madhya Pradesh.
18. *Numismatic Digest A Journal Published by Indian Institute of Research in Numismatic Studies, Anjaneri (Nasik)*.
19. Rajgor, Dilip 2001. *Punch-Marked Coins of Early Historic India*. California: Reesha Books International.
20. Rapson, E.J. 1908. *Catalogue of Coins of Andhra Dynasty, Western Kshatrapas etc*. London: British Museum.
21. Ray, S.C. 1977. *The Stratigraphic Evidence of Coins in Indian Excavations and Some Allied Issues*. Varanasi: Numismatic Society of India.
22. Sahni, Birbal 1973. *The Technique of Casting Coins in Ancient India*. Varanasi: Bharatiya Publishing House.
23. Sarma, I.K. 1980. *Coinage of the Satavahana Empire*. Delhi: Agam Kala Prakashan.
24. Shastri, A.M. (Ed.) 1972. *Coinage of Satavahanas and Coins from Excavations*, Nagpur: Nagpur University.
25. Shastri, A.M. (Ed.) 1999. *Age of the Satavahanas (two volumes)*: New delhi: Aryan Prakashan. Srivastava, A.K. 1969. *Catalogue of Indo-Greek Coins in the State Museum*, Lucknow. Lucknow: State Museum.
26. Srivastava, A.K. 1972. *Catalogue of Saka-Pahlava Coins of Northern India in the State Museum*, Lucknow. Lucknow: State Museum.
27. *Studies in South Indian Coins: A Journal Published by South Indian Numismatic Society*, Madras.

Savitribai Phule Pune University, Pune

Bachelor of Business Administration (Computer Application)

BBA(CA)

(Under faculty of Commerce & Management)

(To be implemented from Academic year 2019-20)

1. Name of Programme: Bachelor of Business Administration (Computer Application)

2. Introduction:

The degree shall be titled as Bachelor of Business Administration (B.B.A.)(Computer Application) under the Faculty of Commerce and Management. First Year B.B.A.(CA) choice based credit system is implemented w.e.f. the academic year 2019-2020 , Second Year B.B.A.(CA) II will be implement w.e.f. 2020-2021 and Third Year B.B.A.(CA) III w.e.f. 2021-2022

3. Programme Objectives:

- To produce skill oriented human resource.
- To impart practical skills among students.
- To make industry ready resource.
- To bring the spirit of entrepreneurship.

4. Programme Structure:

- The Programme is of a Three Year (Six semesters) Full Time Degree Programme.
- The programme shall be based on credit system comprising 132 credits.

5. Eligibility for Admission

- A candidate is eligible for admission to the Degree in Bachelor of Business Administration – Computer Application after passing 12th Std. examination (H.S.C. 10+2) from any stream with English as passing subject and has secured 40% marks at 12th std.
- Three Years Diploma after S.S.C. i.e. 10th Standard of Board of Technical Education conducted by Government of Maharashtra or its equivalent.
- Two Years Diploma in Pharmacy after H.S.C., of Board of Technical Education conducted by Government of Maharashtra or its equivalent.
- MCVC

6. Medium of Instruction: English

7. Award of Credits:

- Each course having 3 credits shall be evaluated out of 100 marks and student should secure at least 40 marks to earn full credits of that course.
- Each course with 2 credits for Sem-I & Sem-II, Sem-V & Sem-VI is divided in theory (50%) & practical (50%) and for Sem-III, IV there will be project work for students. For all practical and project there will be university evaluation. For Sem-I, II, V & VI (30% Internal & 70% External) is the pattern of evaluation.
- GPA shall be calculated based on the marks obtained in the respective subject provided that student should have obtained credits for that course.

8. Evaluation Pattern:

- Each course carrying 100 marks shall be evaluated with Continuous Assessment (CA) and University Evaluation (UE) mechanism. Continuous assessment shall be of 30 marks while University Evaluation shall be of 70 marks. To pass in the course, a student has to secure minimum 40 marks provided that he should secure minimum 28 marks in University Evaluation (UE).
- CA shall be based on internal tests (minimum 2 for 20 marks). In addition, for remaining 10 marks a teacher may assign various activities such as home assignments,

tutorials, seminars, presentations, group discussion etc, to the students and evaluate accordingly.

9. Method of Evaluation and Evaluation Criteria: - 1. Internal Assessment 30 marks for all theory related subjects 2. Practical and Project will be evaluated separately 3.SPPU - Examination will be 70 marks

- **1. Instructions for teachers for internal evaluation for 30 Marks** - The purpose of internal evaluation is to assess the depth of knowledge, understanding and awareness. For this purpose a teacher is expected to use different evaluation methods in order to have rational and objective assessment of the learners and available resources.
- The class work will carry 30 marks in each course. Internal Evaluation includes continuous evaluation of a student by adopting variety of techniques such as Assignments, Presentation, Internal examination, Group Discussions , Projects etc.
- There shall be Four small projects /Tutorials for internal evaluation as compulsory part of assessment (Semester I ,II ,III and IV).

2. Project Examination

For course on Practical and Project work as per the regular practice there will be Written Report and viva presentation of 100 marks at SPPU level.

3. External Examination: - There will be written Examination of 70 marks and 3 hrs duration for every course at the end of each Semester.

Setting of Question Papers (Applicable to theory subjects)

1. A candidate shall have to answer the questions in all the subjects in English only.
2. Question papers shall be framed so as to ensure that no part of the syllabus is left out of study by a candidate.
3. question paper shall be balanced in respect of various topics outlined in the syllabus.
4. The question papers shall have a combination of long, short answer and MCQ type questions.

10. Restructuring of courses –Equivalence and Transitory Provision

The University will conduct examination of old course for next three academic years from the date of implementation of new course.

The candidate of old course will be given three chances to clear his subjects as per the old course and thereafter he will have to appear for the subjects under new course as per the equivalence given to old course.

11. Completion of Degree Programme:

A student who earns 132 credits, shall be considered to have completed the requirements of the B.B.A.(CA) degree program and CGPA will be calculated for such student.

12. Credit Allocation

CC-Core Course, EC-Elective Course, PR-Practical, PJ-Project,

AECC-Ability Enhancement Compulsory Courses, SEC-Skill Enhancement Courses.

Total - 132 Credits for Three years Programme

Sr. No.	Sem ester	CC – Credit	EC Credit	PR Credit	PJ Credit	AEC C-credit	SEC – Credit	Lectures + Project +add on courses= Total Credits
1	I	15		4			2	15+4+2 =21
2	II	15		4			2	15 +4 +2=21
3	III	9	6	6		2		9+6+6+2=23
4	IV	9	3	4	4		2	9+3+4+4+2=22
5	V	9	3	4	4		2	9+3+4+4+2=22
6	VI	10	3	4	4		2	10+3+4+4+2=23
Total		67	15	26	12	2	10	67+15+26+12+2+10=132

13. Titles of Papers and Scheme of Study for B.B.A. (C.A.) Programme**CC-Core Course, EC-Elective Course, PR-Practical, PJ-Project,****AECC-Ability Enhancement Compulsory Courses, SEC-Skill****Enhancement Courses.****SEMESTER- I**

Subject Code	Subject Name	Course	Credits	
			Th	Pr
CA-101	Business Communication	CC	3	
CA-102	Principles of Management	CC	3	
CA-103	C Language	CC	3	
CA-104	Database Management System	CC	3	
CA-105	Statistics	CC	3	
CA-106	Computer Laboratory Based on 103 &104 (2 credits each)	PR		4
107	Add-On (PPA) (30 Hours)	SEC	2	

SEMESTER- II

Subject Code	Subject Name	Course	Credits	
			Th	Pr
CA-201	Organization Behavior & Human Resource Management	CC	3	
CA-202	Financial Accounting	CC	3	
CA-203	Business Mathematics	CC	3	
CA-204	Relational database	CC	3	
CA-205	Web Technology HTML-JS-CSS	CC	3	
CA-206	Computer Laboratory Based on 204 & 205(2 credits each)	PR		4
207	Add-On (Advance C) (30 Hours)	SEC	2	

SEMESTER- III

Subject Code	Subject Name	Course	Credits	
			Th	Pr
CA-301	Digital Marketing	CC	3	
CA-302	Data Structure	CC	3	
CA-303	Software Engineering	CC	3	
CA-304	Angular JS	EC	3	
OR				
CA-304	PHP	EC	3	
CA-305	Big data	EC	3	
OR				
CA-305	Block chain	EC	3	
CA-306	Computer Laboratory Based on 302 , 304 and 305 (2 credits each)	PR		2+2+2 = 6
307 AECC	Environment Awareness	AECC	2	

SEMESTER- IV

Subject Code	Subject Name	Course	Credits	
			Th	Pr
CA-401	Networking	CC	3	
CA-402	Object Oriented Concepts Through CPP	CC	3	
CA-403	Operating System	CC	3	
CA-404	NODE JS	EC	3	
OR				
CA-404	Advance PHP	EC	3	
CA-405	Project	EC		4
CA-406	Computer Laboratory Based on 402,404 (2 credits each)	PR		4
4	ADD-On (30 Hours)	SEC	2	

SEMESTER- V

Subject Code	Subject Name	Course	Credits	
			Th	Pr
CA-501	Cyber Security	CC	3	
CA-502	OOSE	CC	3	
CA-503	Core Java	CC	3	
CA-504	Mongo DB	EC	3	
OR				
CA-504	Python	EC	3	
CA-505	Project	PJ		4
CA-506	Computer Laboratory Based on 503 and 504(2 credits each)	PR		4
5	Add on Course-IOT(30 Hours)		2	

SEMESTER- VI

Subject Code	Subject Name	Course	Credits	
			Th	Pr
CA-601	Recent Trends in Information Technology(Tutorial/Assignment)	CCT	3+1	
CA-602	Software Testing	CC	3	
CA-603	Advanced Java	CC	3	
CA-604	Android Programming	EC	3	
OR				
CA-604	Dot Net framework	EC	3	
CA-605	Project	PJ		4
CA-606	Computer Laboratory Based on 603 and 604(2 credits each)	PR		4
6	Add on Course-Soft Skills Training		2	

14. Acknowledgement: The focus of BBA CA Programme (CBCS-2019 Pattern) has always been raising the academic standards, excellence and holistic development of students. Hon. Prof.

Dr. Nitin Karmalkar, Vice Chancellor, Hon. Dr. N. S. Umarani, Pro-Vice Chancellor, Hon. Dr. Parag Kalkar, Dean, and Associate Dean, Dr. Yashodhan Mithare, Faculty of Commerce and Management have given insights in designing the BBA CA Programme.

Dr. Sanjay Kaptan, Head, Savkar Chair has shared his immense knowledge and expertise for designing the structure. Also, the Industry experts panel has added insights in course titles of the BBA CA Programme. Dr. Tanuja Devi co-ordinated the BBA CA Restructuring Committee. Dr. Ranjit Patil, Shakila Sishawantan, Prashant Mule, Shivendu Bhushan have contributed greatly. This synergy of contributors is very crucial in fine tuning of the BBA CA Programme in its present form.

Savitribai Phule Pune University, Pune

B.B.A. (Computer Application)

(Under faculty of Commerce & Management)

(To be implemented from Academic year 2019-20)

Business Communication Skills

Course Code: -- 101

Credit 3

Depth of the syllabus - Reasonable knowledge of the communication

Program objectives

- 1 To understand what is the role of communication in personal and business world
2. To understand system and communication and their utility
3. To develop proficiency in how to write business letters and other communications in required b

Unit No.	Contents	Lectures
1	1. Concept of Communication and Introduction to Communication 1.1 Role of Communication in social and economic system 1.2 Need for effective communication 1.3 Meaning and definition 1.4 Principles of effective communication 1.5 Barriers to communication and over comings	12
2	Methods and types of Communication 2.1 Written communication, 2.2 Forms of written communication. 2.3 Qualities ,difficulties in written communication , 2.4 Constraints in developing effective written communication 2.5 Merits and Limitations of written communication 2.6 Listening Written communication, 2.7 Forms of written communication. 2.8 Qualities, difficulties in written communication , 2.9 Constraints in developing effective written communication	12
3.	Business Correspondence 3.1 Concept , 3.2 Need and functions of Business .Correspondence , 3.3 Types of Business letters , 3.4 Layout Drafting of business , 3.5 Sales Letter , 3.6 Orders sales circulars and business promotion letters 3.7 written methods& types of communication	12
4.	Analysis of different Media of Communication 4.1 Fax communication ,	12

	4.2 Voice mail , 4.3 e-mails , 4.4 Tele conferencing , 4.5 Communication through social media	

References

Sr. No.	Title of the Book	Author/s	Publication
1	Business Communication	Meenakshi Raman , Prakash Singh	Oxford
2	Business Communication	HomaiPradhan , N.S. Pradhan	Himalaya Publishing House
3	Business Communication	R.K. Madhukar	Vikas Publishing House
4	Business Communication and personality Development	BiswajitDas .ipswwtaSatpathy	Excel Books
5	Business Communication – Concepts , Cases and applications	P.D Chaturvedi , MukeshChaturvedi	Dorling Kindersley
6	Business Communication – Connecting at work	HorySankarMukerjee	Oxford
7	Business Communication Today	Courtland L. Bovee , John V. Thill , AbhaChatterjee	Pearson
8	Hand Book of internal Communication	Eileen Scholes	Infinity Books

Principles of Management
Course Code 102
Credit -3

Depth of the course- Reasonable working knowledge

Program Objectives

- To understand basic concept regarding org. Business Administration
- To examining how various management principles
- To develop managerial skills among the students

Unit No.	Contents	Lectures
1	Nature of management Meaning , importance , functions ,types Management as an art ,science and social system Universality of concept of management and organization	12
2	Evolution of management thoughts Concept of managerial thoughts Contribution of Taylor, Mayo and Fayol and Drucker and Indian Management Ethos	12
3.	Major managerial Functions Planning , need types ,methods , advantages ,merits Forecasting. need types ,methods , advantages ,merits Decision making types process and techniques Directions nature and principles and Motivation –nature, principles and theories Organizing –concept delegation of authorities decentralization concepts and importance	12
4.	Recent trends in Management Management of change , Mgt of crises ,TQM ,stress management (Principles ,concepts merits)	12

References

Sr. No.	Title of the Book	Author/s	Publication
1	Management Concepts and Strategies	J.S. Chandan	Vikas Publishing House Pvt. Ltd.
2	Principles of Management	Harold Koontz , Heinz Weihrich , A. RamachandraArysri	McGraw hill companies
3	Management A Global and Entrepreneurial Perspective	Heinz Weihrich , Mark V. Cannice , Harold Koontz	McGraw hill companies
4	Management – 2008 Edition	Robert Kreitner , MamataMohapatra	Biztantra – Management For Flat World
5	Introduction to Management	John R. Schermerhorn	Wiley India Pvt. Ltd.
6	Principles of Management	P.C. Tripathi , P.N. reddy	McGraw hill companies
7	Management Text and Cases	R. SatyaRaju , A. Parthasarthy	PHI learning Pvt. Ltd
7	Management (Multi-Dimensional Approach)	H. R. Appannaiah , G. Dinakar , H.A. Bhaskara	Himalaya Publishing House

Subject : C-Programming
Course Code-103
Credit-3

Unit No.	Topics	No. of Lectures
1	Introduction to C language 1.1 History 1.2 Basic structure of C Programming 1.3 Language fundamentals 1.3.1 Character set, tokens 1.3.2 Keywords and identifiers 1.3.3 Variables and data types 1.4 Operators 1.4.1 Types of operators 1.4.2 Precedence and associativity 1.4.3 Expression	3
2	Managing I/O operations 2.1 Console based I/O and related built-in I/O functions 2.1.1 printf(), scanf() 2.1.2 getch(), getchar() 2.2 Formatted input and formatted output	2
3	Decision Making and looping 3.1 Introduction 3.2 Decision making structure 3.2.1 If statement 3.2.2 If-else statement 3.2.3 Nested if-else statement 3.2.4 Conditional operator 3.2.5 Switch statement 3.3 Loop control structures 3.3.1 while loop 3.3.2 Do-while loop 3.3.3 For loop 3.3.4 Nested for loop 3.4 Jump statements 3.4.1 break 3.4.2 continue 3.4.3 goto 3.4.4 exit	9
4	Programs through conditional and looping statements Addition / Multiplication of integers Determining if a number is +ve / -ve / even / odd Maximum of 2 numbers, 3 numbers Sum of first n numbers, given n numbers Integer division, Digit reversing, Table generation for n, ab Factorial, sine series, cosine series, nCr , Pascal Triangle Prime number, Factors of a number	5

	Other problems such as Perfect number, GCD of 2 numbers etc (Write algorithms and draw flowcharts)	
5	Arrays and Strings 5.1 Introduction to one-dimensional Array 5.1.1 Definition 5.1.2 Declaration 5.1.3 Initialization 5.2 Accessing and displaying array elements 5.3 Finding smallest and largest number from array 5.4 Reversing array 5.5 Finding odd/even/prime number from array 5.4 Introduction to two-dimensional Array 5.4.1 Definition 5.4.2 Declaration 5.4.3 Initialization 5.5 Accessing and displaying array elements 5.6 Matrices: Addition, Multiplication, Transpose, Symmetry, upper/lower triangular 5.7 Introductions to Strings 5.7.1 Definition 5.7.2 Declaration 5.7.3 Initialization 5.8 Standard library functions 5.9 Implementations without standard library functions.	12
6	Functions 6.1 Introduction 6.1.1 Purpose of function 6.1.2 Function definition 6.1.3 Function declaration 6.1.4 Function call 6.2 Types of functions 6.3 Call by value and call by reference 6.4 Storage classes	9
7	7 Introduction to pointer 7.1 Definition 7.2 Declaration 7.3 Initialization 7.4 Indirection operator and address of operator 7.5 Pointer arithmetic 7.6 Dynamic memory allocation 7.7 Functions and pointers	4
8	8 Structures 8.1 Introduction to structure 8.2 Definition 8.3 Declaration 8.4 Accessing members 8.5 structure operations 8.6 nested structure	4

Reference Book :-

- 1) Let us C –YashwantKanetkar, BPB publication.
- 2) Ansi C- Balagurusamy
- 3) The complete Reference- HerbeltSchildt

Subject Name :- Database Management Systems
Course Code: 104
Credit-3

Sr. No.	Chapter No.	Name of Chapter and Contents	No. of Lect.
1	1	File Structure and Organization 1.1 Introduction 1.2 Logical and Physical Files 1.2.1 File 1.2.2 File Structure 1.2.3 Logical and Physical Files Definitions 1.3 Basic File Operations 1.3.1 Opening Files 1.3.2 Closing Files 1.3.3 Reading and Writing 1.3.4 Seeking 1.4 File Organization 1.4.1 Field and Record structure in file 1.4.2 Record Types 1.4.3 Types of file organization 1.4.3.1 Sequential 1.4.3.2 Indexed 1.4.3.3 Hashed 1.5 Indexing 1.5.1 What is an Index? 1.5.2 When to use Indexes? 1.5.3 Types of Index 1.5.3.1 Dense Index 1.5.3.2 Sparse Index	6

2	2	Database Management System 2.1 Introduction 2.2 Basic Concept and Definitions 2.2.1 Data and Information 2.2.2 Data Vs Information 2.2.3 Data Dictionary 2.2.4 Data Item or Field 2.2.5 Record 2.3 Definition of DBMS 2.4 Applications of DBMS 2.5 File processing system Vs DBMS 2.6 Advantages and Disadvantages of DBMS 2.7 Users of DBMS 2.7.1 Database Designers 2.7.2 Application programmer 2.7.3 Sophisticated Users 2.7.4 End Users 2.8 Views of Data 2.9 Data Models	14
		2.9.1 Object Based Logical Model a. Object Oriented Data Model b. Entity Relationship Data Model 2.9.2 Record Base Logical Model a. Relational Model b. Network Model c. Hierarchical Model 2.10 Entity Relationship Diagram(ERD) 2.11 Extended features of ERD 2.12 Overall System structure	

3	3	Relational Model 3.1 Introduction 3.2 Terms a. Relation b. Tuple c. Attribute d. Cardinality e. Degree of relationship set f. Domain 3.3 Keys 3.3.1 Super Key 3.3.2 Candidate Key 3.3.3 Primary Key 3.3.4 Foreign Key 3.4 Relational Algebra Operations a. Select b. Project c. Union d. Difference e. Intersection f. Cartesian Product g. Natural Join	8
4	4	SQL (Structured Query Language) 4.1 Introduction 4.2 History Of SQL 4.3 Basic Structure 4.4 DDL Commands 4.5 DML Commands 4.6 Simple Queries 4.7 Nested Queries 4.8 Aggregate Functions	12
5	5	Relational Database Design 5.1 Introduction 5.2 Anomalies of un normalized database 5.3 Normalization 5.4 Normal Form 5.4.1 1 NF 5.4.2 2 NF 5.4.3 3 NF 5.4.3.4 BCNF	8

References:

- 1) Database System Concepts By Henry korth and A. Silberschatz
- 2) SQL, PL/SQL The Programming Language Oracle :- Ivan Bayross, BPB Publication.
- 3) Database Systems Concepts, Designs and Application by Shio Kumar Singh, Pearson
- 4) Introduction to SQL by Reck F. van der Lans by Pearson
- 5) Modern Database Management by Jeffery A Hoffer , V.Ramesh, Heikki Topi ,Pearson
- 6) Database Management Systems by Debabrata Sahoo ,Tata MacgrawHill

Business Statistics**Course code 105****Credit 3**

Depth Reasonable working knowledge

Objective of the program

1. To understand role and importance of statistics in various business situations
2. To develop skills related with basic statistical technique
3. Develop right understanding regarding regression, correlation and data interpretation

Unit No.	Contents	Lectures
1	Concept of statistics. Role of statistics. In informatics business science Tabulation, Data condensations and tabulation, Data Condensation and graphical Methods :Raw data , attributes and variables , classification , frequency distribution ,cumulative frequency distributions. Graphs - Histogram, Frequency polygon. Diagrams - Multiple bar , Pie ,Subdivided bar.	12
2	Measures of central tendency and dispersion Criteria for good measures of central tendency, Arithmetic mean, Median and Mode for grouped and ungrouped data, combined mean.	12
3.	Measures of Dispersion : Concept of dispersion , Absolute and relative measure of dispersion, Range, Variance, Standard deviation, Coefficient of variation, Quartile Deviation , Coefficient of Quartile deviation.	12
4	Correlation and Regression(for ungrouped data) Concept of correlation, positive & negative correlation, Karl Pearson's Coefficient of correlation, meaning of regression, Two regression equations, Regression coefficients and properties.	12

References

Sr. No.	Title of the Book	Author/s	Publication
1	Business Statistics	GirishPhatak	Tech – Max
2	Statistics for Business	Dr. S. K. Khandelwal	International Book House
3	Fundamentals of Business Statistics	J.K. Sharma	Pearson
4	Business Statistics	G.C. Beri	The McGraw-Hill companies
5	Statistics Theory and Practice	R.S. N. Pillai Bagavathi	S. Chand
6	Statistics for Managerial decision Making	Dr. S. K. Khandelwal	International Book House
7	Business Statistics For Contemporary Decision Making	Ken Black	Wiley India Edition
8	Fundamentals of statistics	S.C. Gupta	Himalaya Publication House

Savitribai Phule Pune University
FY BBA- CA Semester II (CBCS) Pattern 2019
Organizational Behavior & Human Resource Management
Course code 201
Credit 3

Depth of the course- Basic working knowledge

Program Objectives:

- i) To understand basic concept of HRM & OB
- ii) To make aware students about traditional & modern methods of procurement & development in organization.
- iii) To know the major trends in HRM & OB

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
1	Introduction to Organizational Behavior	Definition, concept, scope, Models of OB, Major trends in OB:-Total Quality management, Cultural diversity, Organizational change, Stress Management: Sources of Stress, Effects of Stress & Stress Management, Work life Balance and Quality of Work Life	To understand the basic concept of OB & To develop knowledge about major trends & ability to handle cultural diversity Stress, change and to maintain work life balance.
2	Introduction to HRM	Introduction to HRM- Definition, Concepts, scope, importance Functions ,Objectives & limitations, , Role of HR Manager , Areas in which Human Resource Manager can be of assistance	To understand the basic concept of HRM & developing knowledge & ability of the student about HRM.
3	Procurement	HRP- Concept, Definition, Merits & Demerits, process , influencing factors of HRP Recruitment- Concept, Definition, sources of recruitment and their utility in identifying vacancies, methods, E-recruitment, Selection- Concepts, definition, process, Types of interviews and frequently asked interview questions from the candidate at each step and how to answer them, E- selection	To understand process & importance of HR procurement and to develop the skills among students regarding awareness of new trends of Recruitment Selection and interview preparation
4	Training & Development	Training & Development- Concept, definition, importance, Methods, E- Training, Recent trends in Training	To know the training & performance appraisal methods & To develop evaluation skill.

Teaching Methodology

Teaching Hours	Innovative methods to be used	Project	Expected Outcome
10	Lecture ,Interactive teaching & Ice breaking session	Role play on HR Manager	To develop group cohesiveness.
10	Lab activity of Searching links about E-recruitment and E- selection.	Project report	Up gradation of knowledge of new trends in Recruitment and Selection.
12	Guest lecture	Assignment	Up gradation of skill.
13	Case Study , Video clips on Cultural Diversity and Stress management	Case study report	To develop decision making skill.

Evaluation Method

Internal Evaluation	External Evaluation
One project Report : 5 Marks One assignment : 5 marks One Case Study Solution Report : 5 marks Internal Examination : 15 marks	25% MCQ Short notes 35% Long answers 40%
30	70

Suggested references

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Human Resources Management.	–L.M. Prasad	Sultan and Chand Publishing Company	New Delhi
2	Human Resources Management.	K. Ashwathappa –	Tata McGraw Hill	New Delhi
3	Personnel Management.	C. B. Mamoria		
4	Organizational Behavior Text, Cases and Games	- K. Aswathappa,	Tata McGraw Hill	New Delhi
5	Organizational Behavior -	L.M. Prasad	Sultan and Chand Publishing Company	New Delhi

Savitribai Phule Pune University
FY BBA- CA Semester II (CBCS) Pattern 2019
Financial Accounting
Course code 202
Credit 3

Depth of the syllabus: Reasonable working knowledge

Program objectives

- i) To develop right understanding regarding role and importance of monetary and financial transactions in business
- ii) To cultivate right approach towards classifications of different transactions and their implications
- iii) To develop proficiency preparation of basic financial as to how to write basis accounting statement - Trading and P&L

Unit No.	Unit Title	Contents	Purpose and Skills to be developed
1	Financial Accounting-	definition and Scope, objectives, Accounting concepts, principles and conventions	To understand role and importance of accounting in Business and how accounting concept can be implemented in business Computation ability in business ability to distinguished between various accounting concepts and practices
2	Accounting Transactions and Final Accounts	Voucher system; Accounting Process, Journals, Ledger, Cash Book , subsidiary books ,Trial Balance preparation of Final Accounts of Sole Proprietorship(Trading and Profit & Loss Account and Balance Sheet	To understand how to record different financial transactions and their financial implications Ability to write different accounting tractions and prepare basic financial tractions
3.	Bank Reconciliation Statements	Meaning, importance and preparation of Bank Reconciliation Statement	To understand the kind of accounting relationship between customer and bank Ability to write necessary set of entries in books of accounts and in cash book and compare them with bank statement to understand their implications and effect

	Computerized Accounting	Role of computers and Financial application, Accounting Software packages	Ability to understand growing importance of software and to know how to use software and to write books of accounts Ability to use software like tally for writing of accounts

Teaching Methodology

Teaching Hours	Innovative methods to be used	AV Applications	Project	Expected Outcome
10	Appling accounting concepts in real life business Ability to distinguish between accounting tractions and real life business	Role of accounting in business	Importance of accounting of business and nonprofit organizations	To learn about importance of acc. In business
15	Using practical situations for writing Transactions And applying accounting concepts different situations	Writing ledger and cash book	Developing model of Journals and model books of accounts Preparing flow chart of accordance of different tractions	Ability to distinguish between different tractions and its nature
11	Interpretation of bank passbook and its statement Comparative analysis of bank pass book and statement and their interpretation	Lesson on How to write bank reconciliations. Statement from YouTube	Preparing BR. With imaginary data	Ability to prepare and interpret bank reconciliation statement
12	NIL	To Understand how various tractions are recorded while using software and what cautions are need to be taken while recording transactions.	Film on silent features of tally accounting As business software	Appling software basic financial statement and converting row financial data into well written financial data

Evaluation Method

Unit No	Internal Evaluation	External Evaluation	Suggested Add on Course
I	MCQ on various aspects of accounting Presentations on accounting and its importance in business	25%MCQ Short notes 35% Long answers 40%	Tally and computer based accounting
II	Practical problems on how to write different accounting tractions and maintaining books of accounts		
III	Practical problems on Bank Reconciliation		
IV	Demonstrations and hands on of experience regarding application of Tally and other accounting software		
	30	70	

References

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Advance Accounting Vou- I	S.N. Maheshwari & S.K. Maheshwari	Vikas Publication	New Delhi
2	Advance Accounting Vou- I	M.C. Shukla , T.C. Grewal , S.C Gupta	S. Chand	New Delhi
3	Accountancy (Vol- I)	S. Kr. Paul	Central Educational Enterprises (P). Ltd.	Kolkata
4	Accounting (text and Cases)	Robert N. Anthony , David F. Hawkins , Kenneth A. Merchant	McGraw Hill Companies	New Delhi
5	Advanced Accountancy(Volume – I)	R.L. Gupta , M. Radhaswamy	Sultan Chand & Sons	New Delhi

Savitribai Phule Pune University
FY BBA- CA Semester II (CBCS) Pattern 2019
Business Mathematics
Course code 203
Credit 3

Course Depth: Fundamental Knowledge

Objectives:

- i) To understand role and importance of Mathematics in various business situations and while developing softwares.
- ii) To develop skills related with basic mathematical technique

Unit No.	Topic	No. of Lecture
1	1. Ratio, Proportion and Percentage: Ratio – Definition, Continued Ratio, Inverse Ratio, Proportion, Continued Proportion, Direct Proportion, Inverse Proportion, Variation, Inverse Variation, Joint Variation, Percentage, computation of Percentage.	8
2	2. Profit and Loss: - Terms and Formulae, Trade discount, Cash discount, Problems involving cost price, selling price, Trade discount and cash discount. Introduction to Commission and brokerage, Problems on commission and brokerage	6

3	3. Interest and Annuity: - Simple interest, Compound interest, Equated monthly Installments (EMI) by interest of reducing balance and flat interest methods and problems. Ordinary annuity, sinker fund, annuity due, present value and future value of annuity.	7
	Shares and Mutual Funds:- Concepts of Shares, face value, market value, dividend, brokerage, equity shares, preferential shares, bonus shares, examples and problems, Concept of Mutual Funds, Change in Net Asset Value (NAV), Systematic Investment Plan (SIP), Examples and Problems.	7
4	4. Matrices and Determinant: - Definition of Matrices, Types of Matrices, Algebra of Matrices, Determinant, Adjoint of Matrix, Inverse of Matrix, System of Linear equations, Solution of System of Linear Equation by adjoint method (upto 3 variables only).	10
5	5. Linear Programming Problem (LPP) Concept of LPP, Formulation of LPP and solution of LPP by graphical method.	5
	Transportation Problem (T.P.): - Concept of Transportation Problem, Initial Basic Feasible Solution, North-West Corner Method (NWCM), Least Cost Method (LCM), Vogel's Approximation Method (VAM).	5
Total		48

Reference Books:

- 1) Business Mathematics by Dr. AmarnathDikshit and Dr. Jinendrakumar Jain.
- 2) Business Mathematics by V. K. Kapoor – Sultan, Chand and sons. Delhi.
- 3) Business Mathematics by Bari – New Literature publishing company, Mumbai.
- 4) Operation Research by S. D. Sharma - Sultan, Chand and sons.
- 5) Operation Research by J. K. Sharma - Sultan, Chand and sons.

Savitribai Phule Pune University
FY BBA- CA Semester II (CBCS) Pattern 2019
Relational Data Base
Course code 204
Credit 3

Course Depth: Fundamental Knowledge

Objectives:

- i) Enables students to understand relational database concepts and transaction management concepts in database system.
- ii) Enables student to write PL/SQL programs that use: procedure, function, package, cursor and trigger.

Unit No.	Unit Title	Contents	Purpose	Expected Outcome
1.	Introduction To RDBMS	Introduction to popular RDBMS product and their features	To understand concept of RDBMS & use in business	Understanding of various RDBMS products()
		Difference Between DBMS and RDBMS	To understand advantages of RDBMS over DBMS	Use of relational database
		Relationship among application programs and RDBMS	To understand interface between application programs and data	To get knowledge of Front End and Backend
2.	PL-SQL	Overview of PLSQL Data Types ,PLSQL Block	To understand various data types , operators , functions and control statements	Understanding of various programming aspects
		Exception Handling	To understand predefined and user defined exceptions	Learning of different exceptions
		Functions, Procedures	To understand concept of compact program writing by making use of functions and procedure	Writing of compact code (Small program writing)
		Cursor	To understand types of cursors and selective data retrieval	Understanding of exact data retrieval
		Trigger Package	To understand concept of stored	Writing of triggers and

			procedure and compiled data	packages(S all application using all contents)
3.	Transaction Management	Transaction Concept	To understand effect of transaction process on database	Understanding use of transaction and effect on database
		Transaction Properties	To understand properties like atomicity, consistency, isolation and durability	Application of properties (Case solving)
		Transaction States	To understand various states such as active, partially committed, Failed , aborted, committed	Understanding of various states
		Concurrent Execution	To understand concept of reduction in waiting time	
		Serializability	To understand Conflict Serializability and View Serializability	
4	Concurrency Control & Recovery System	Lock Based Protocol	To understand meaning Locks, Granting of Locks ,Two Phase Locking Protocol	To understand concept of shared and exclusive lock
		Timestamp Based Protocol	To understand Timestamp and timestamp ordering protocol	To learn how to prevent deadlock situation
		Deadlock Handling	To understand dead lock detection, prevention and recovery	Understand what deadlock is and how it can occur when giving mutually exclusive access to multiple resources
		Failure Classification	To understand transaction failure and system crash	To learn concepts related to hardware failures
		Recovery & Atomicity	To understand log based recovery and checkpoint	Data recovery with different techniques
		Recovery with concurrent transaction	To understand concept of transaction rollback	Restoring of data which is changed by mistake

Suggested References:

Sr. No.	Title of the Book	Author/s	Publication	Place
1	Database Management System	Bipin Desai	Galgotia Publications	New Delhi
2	SQL/PLSQL the programming language of oracle	Ivan Bayross	BPB Publications	New Delhi
3	An Introduction to Database Systems Eighth Edition	C. J.Date, A.Kannan, S.Swamynathan	Pearson Publications	North America
4	Database System Concepts 5th Edition	Silberschatz, Korth, Sudershan	McGraw-Hill	New York

Savitribai Phule Pune University
FY BBA- CA Semester II (CBCS) Pattern 2019
Web Technology (HTML-JSS-CSS)
Course code 205
Credit 3

Course Depth: Fundamental Knowledge

Objectives:

- i) To know & understand concepts of internet programming.
- ii) To understand how to develop web based applications using JavaScript.

Unit No	Topic	No. of Lecture
1	1. Introduction 1.1 Clients- Servers and Communication 1.2 Internet-Basic, Internet Protocols (HTTP, FTP, IP) 1.3 World Wide Web(WWW) 1.4 HTTP request message, HTTP response message	5
2	2. Web Design 2.1 Concepts of effective web design 2.2 Web design issues including Browser Bandwidth and Cache 2.3 Display resolution 2.4 Look and Feel of the Website 2.5 Page Layout and linking 2.6 User centric design 2.7 Sitemap 2.8 Planning and publishing website 2.9 Designing effective navigation	9

3	3. HTML 3.1 Introduction to HTML 3.2 Basic HTML Structure 3.3 Common HTML Tags 3.4 Physical and Logical HTML 3.5 Types of Images, client side and server-side Image mapping 3.6 List, Table, Frames 3.7 Embedding Audio, Video 3.8 HTML form and form elements 3.9 Introduction to HTML Front Page	12
4	4. Style sheets 4.1 Need for CSS 4.2 Introduction to CSS 4.3 Basic syntax and structure 4.4 Using CSS- 4.4.1 background images, colors and properties, 4.4.2 manipulating texts, using fonts, borders and boxes, margins, padding lists, positioning using CSS 4.5 Overview and features of CSS2 and CSS3	10
5	5. JavaScript 5.1 Introduction to Java Script 5.2 Identifier & operator, control structure, functions 5.3 Document object model(DOM), 5.4 DOM Objects (window, navigator, history, location) 5.5 Predefined functions, math & string functions 5.6 Array in Java scripts 5.7 Event handling in Java script	12
Total		48

Reference Books:

1. Complete HTML- Thomas Powell
2. HTML and JavaScript – Ivan Bayross
3. HTML & CSS: The Complete Reference, Fifth Edition
4. Mastering HTML, CSS & Javascript Web Publishing

Reference websites:

1. www.w3schools.com
2. www.tutorialspoint.com

SPPU/BBA(CA) SYLLABUS SEMESTER-II CBCS/2019 PATTERN

S.Y.B.B.A.(C.A.) Semester –III

Course Code: CA-301

Subject: Digital Marketing

Objectives:

1. The aim of this syllabus is to give knowledge about using digital marketing in and as business.
2. To make SWOT analysis, SEO optimization and use of various digital marketing tools.

Unit	Topic	No. of Lectures
1.	E-Commerce 1.1 Introduction 1.2 Understanding Internet Marketing 1.3 Search Engine Optimization 1.4 Search Engine Marketing 1.5 Email Marketing 1.6 Digital Display Marketing	4
2.	Introduction to New Age Media (Digital) Marketing 2.1 What is Digital Marketing 2.2 Digital vs. Real Marketing 2.3 Digital Marketing Channels 2.4 Types of Digital Marketing(Overview)-Internet Marketing ,Social Media Marketing, Mobile Marketing	4
3.	Creating Initial Digital Marketing Plan 3.1 Content management 3.2 SWOT analysis: Strengths, Weaknesses, Opportunities, andThreats 3.3 Target group analysis EXERCISE: Define a target group	4
4.	Marketing using Web Sites 4.1 Web design 4.2 Optimization of Web sites 4.3 MS Expression Web EXERCISE: Creating web sites, MS Expression	4
5.	Search Engine Optimization 5.1 SEO Optimization 5.2 Writing the SEO content EXERCISE: Writing the SEO content	4
6.	Customer Relationship Management 6.1 Introduction to CRM 6.2 CRM platform 6.3 CRM models EXERCISE: CRM strategy	4

7.	Social Media Marketing 7.1 Understanding Social Media Marketing 7.2 Social Networking (Facebook, LinkedIn, Twitter, etc.) Social Media (Blogging, Video Sharing - Youtube, Photosharing – Instagram, Podcasts) 7.3 Web analytics - levels 7.4 Modes of Social Media Marketing- 7.4.1 Creating a Facebook page Visual identity of a Facebook page , Types of publications, Facebook Ads , Creating Facebook Ads , Ads Visibility 7.4.2 Business opportunities and Instagram options Optimization of Instagram profiles , Integrating Instagram with a Web Site and other social networks ,Keeping up with posts 7.4.3 Business tools on LinkedIn Creating campaigns on LinkedIn , Analyzing visitation on LinkedIn 7.4.4 Creating business accounts on YouTube YouTube ,Advertising , YouTube Analytics 7.4.5 E-mail marketing E-mail marketing plan , E-mail marketing campaign analysis , Keeping up with conversions 7.5 Digital Marketing tools: Google Ads, FaceBook Ads, Google Analytic, Zapier, Google Keyword Planner EXERCISE: Social Media Marketing plan. EXERCISE: Making a Facebook page and Google Ads	1 2 2 3 3 3 3 3 (20)
8.	Digital Marketing Budgeting 8.1 Resource planning 8.2 Cost estimating 8.3 Cost budgeting 8.4 Cost control	4
Total		48

Reference Books:

- 1) Digital Marketing for Dummies By Ryan Deiss and Russ Hennesberry
- 2) Advertising and Promotion: An Integrated Marketing Communications Perspective, George Belch, San Diego University Michael Belch, San Diego University
- 3) Advertising Management: Rajeev Batra, John G. Myers, David A. Aaker
- 4) Belch: Advertising & Promotions (TMH)
- 5) The Social Media Bible: Tactics, Tools, & Strategies for Business Success by Lon Safko
- 6) Web Analytics 2.0 – AvinashKaushik

S.Y.B.B.A(C.A) Semester – III

Course Code: CA-302

Subject : Data Structure

Objectives:

1. To understand the concepts of ADTs
2. To learn linear data structures – lists, stacks, and queues
3. To understand sorting, searching and hashing algorithms
4. To apply Tree and Graph structures

Unit	Topic	No. of Lectures
1	Basic Concept and Introduction to Data Structure 1.1 Pointers and dynamic memory allocation 1.2 Algorithm-Definition and characteristics 1.3 Algorithm Analysis -Space Complexity -Time Complexity - Asymptotic Notation Introduction to Data structure 1.4 Types of Data structure 1.5 Abstract Data Types (ADT) Introduction to Arrays and Structure 1.6 Types of array and Representation of array 1.7 Polynomial - Polynomial Representation - Evaluation of Polynomial - Addition of Polynomial 1.8 Self Referential Structure	5
2	Linear data structures 2.1 Introduction to Arrays - array representation 2.2 Sorting algorithms with efficiency - Bubble sort, Insertion sort, Merge sort, Quick Sort, Selection Sort 2.3 Searching techniques –Linear Search, Binary search	6
3	Linked List 3.1 Introduction to Linked List 3.2 Implementation of Linked List – Static & Dynamic representation, 3.3 Types of Linked List - Singly Linked list(All type of operation) - Doubly Linked list (Create , Display) - Circularly Singly Linked list (Create, Display) - Circularly Doubly Linked list (Create, Display) 3.4 Generalized linked list – Concept and Representation	6
4	Stacks 4.1 Introduction 4.2 Representation- Static & Dynamic 4.3 Primitive Operations on stack 4.4 Application of Stack 4.5 Conversion of Infix, prefix, postfix , Evaluation of postfix and prefix	8

	4.6 Simulating recursion using stack	
5	Queues 5.1 Introduction 5.2 Representation - Static & Dynamic 5.3 Primitive Operations on Queue 5.4 Circular queue, priority queue 5.5 Concept of doubly ended queue	4
6	Trees 6.1 Concept & Terminologies 6.2 Binary tree, binary search tree 6.3 Representation – Static and Dynamic 6.4 Operations on BT and BST – create, Insert, delete, , counting leaf, non-leaf & total nodes , 6.5 Tree Traversals (preorder, inorder, postorder) 6.6 Application - Heap sort 6.7 Height balanced tree- AVL trees- Rotations, AVL tree examples.	12
7	Graph 7.1 Concept & terminologies 7.2 Graph Representation – Adjacency matrix, adjacency list, inverse Adjacency list, adjacency multilist, orthogonal list 7.3 Degree of Graph 7.4 Traversals – BFS and DFS 7.5 Applications – AOV network – topological sort, AOE network – criticalPath	7
Total		48

Reference Books:

1. Fundamentals of Data Structures ---- By Horowitz Sahani (Galgotia)
2. Data Structures using C and C++ ----By YedidyahLangsam, Aaron M. Tenenbaum, Moshe J. Augenstein
3. Introduction to Data Structures using C---By Ashok Kamthane
4. Data Structures using C --- Bandopadhyay&Dey (Pearson)
5. Data Structures using C ---By Srivastava BPB Publication.

S.Y.B.B.A. (C.A.) Semester –III

Course Code: CA-303

Subject: Software Engineering

Objectives:

1. To understand System concepts.
2. To understand Software Engineering concepts.
3. To understand the applications of Software Engineering concepts and Design in Software development

Unit	Topic	No. of lectures
1	Introduction to System Concepts 1.1 Definition 1.2 Basic Components 1.3 Elements of the System 1.4 Types of System 1.5 System Characteristics	4
2	Introduction to Software Engineering 2.1 Definition of Software 2.2 Characteristics of Software 2.3 Definition of Software Engineering 2.4 Need for Software Engineering 2.5 Mc Call's Quality factors 2.6 The Software Process 2.7 Software Product and Process 2.8 V& V Model	6
3	Software Development Life Cycle 3.1 Introduction 3.2 Activities of SDLC 3.3 A Generic Process Model 3.4 SDLC 3.5 Waterfall Model 3.6 Incremental Process Models 3.7 Prototyping Model 3.8 Spiral Model	8
4	Requirement Engineering 4.1 Introduction 4.2 Requirement Elicitation 4.3 Requirement Elaboration 4.4 Requirement Gathering 4.5 Feasibility study	8

	4.6 Fact Finding Techniques 4.7 SRS Format	
5	Analysis And Design Tools 5.1 Decision Tree and Decision Table 5.2 Data Flow Diagrams (DFD) (Up to 2 nd level) 5.3 Data Dictionary 5.4 Elements of DD 5.5 Advantages and Disadvantages of DD 5.6 Input and Output Design 5.7 Structured Design Concepts 5.8 Structure Chart 5.9 Coupling and Cohesion 5.10 Compulsory Case Studies on above topics	12
6	Software Testing 6.1 Definition 6.2 Software testing Process 6.3 Unit Testing 6.4 Integration Testing 6.5 System Testing	6
7	Software Maintenance and Software Re-Engineering 7.1 Maintenance definition and types 7.2 Software reengineering 7.3 Reverse Engineering 7.4 Restructuring and forward Engineering.	4
Total		48

Reference Books:

1. Software Engineering: A Practitioner's Approach- Roger S. Pressman, McGraw hill International Editions 2010(Seventh Edition)
2. System Analysis, Design and Introduction to Software Engineering (SADSE) - S. Parthsarthy, B.W. Khalkar
3. Analysis and Design of Information Systems(Second Edition) - James A. Senn, McGraw Hill
4. System Analysis and Design- Elias Awad, Galgotia Publication, Second Edition

S.Y.B.B.A.(C.A.) Semester – III

Course Code: CA- 304 (Option)

Subject: Angular - JS

Objectives:

- By the end of this course, the students should be able to Understand Client Side MVC and SPA
- Explore AngularJS Component
- Develop an AngularJS Single Page Application
- Create and bind controllers with Javascript
- Apply filter in AngularJS application

Unit	Topics	No. of Lectures
1	AngularJS Core Concepts: 1.1 What is AngularJS? 1.2 Difference between Javascript and Angular JS 1.3 Advantages of Angular 1.4 AngularJS MVC Architecture 1.5 Introduction to SPA 1.6 Setting up the environment 1.7 First App using MVC architecture	8
2	AngularJS Directives and Expressions: 2.1 Understanding ng attributes ng-app, ng-init, ng-model, ng-controller, ng-bind, ng-repeat, ng-show, ng-readonly, ng-disabled, ng-if, ng-click 2.2 Expression and Data Binding 2.3 Working with directives	10
3	AngularJS Modules, Controller, View and Scope: 3.1 Angular Modules 3.2 Angular Controller 3.3 Angular View 3.4 Scope hierarchy	10
4	Filter, Forms and Ajax Filters 4.1 Built-in filters - upper case and lower case filters, date ,currency and number formatting ,orderBy, filter ,custom filter, 4.2 Angular JS Forms - Working with AngularJS forms, model binding,	12

	form controller ,Using CSS classes, form events , custom model update triggers ,custom validation, \$http service , 4.3 Ajax implementation using \$http	
5	Dependency Injection, Services 5.1 What is dependency injection? 5.2 Understanding services 5.3 Using built-in service 5.4 Creating custom service, 5.5 Injecting dependency in service	8
Total		48

Reference Books:

1. Beginning Angular with Typescript (updated to Angular 5) by Greg Lim
2. Mastering Web Application Development with AngularJS by Pawel Kozlowski, Peter Bacon Darwin
3. <https://www.tutorialsteacher.com/angularjs/angularjs-scope>

S.Y.B.B.A.(C.A.) Semester – IV

Course Code: CA- 304(Optional)

Subject: PHP

Objectives:

1. Understand how server-side programming works on the web.
2. Using PHP built-in functions and creating custom functions
3. Understanding POST and GET in form submission.
4. How to receive and process form submission data.
5. Read and process data in a MySQL database.

Unit	Topic	No. of Lectures
1	PHP Basics 1.1 Setting up a development environment 1.2 Variables, numbers and strings 1.3 Calculations with PHP 1.4 Using Arrays	6
2	Control Structures and Loops 2.1 Conditional Statements 2.2 Using Loops for Repetitive tasks 2.3 Combining Loops and Arrays	7
3	Functions, Objects and Errors 3.1 PHP's Built-in functions 3.2 Creating Custom functions 3.3 Passing Values by Reference 3.4 Understanding Objects	7
4	Working with Forms 4.1 Building a Form 4.2 Processing a Form's Data 4.3 Differences between POST and GET 4.4 Preserving User Input	7
5	More with Forms 5.1 Dealing with checkboxes and radiobuttons 5.2 Retrieving values from lists 5.3 Validating and restricting data 5.4 Sending Email	7
6	Storing and Protecting Data 6.1 Setting and Reading Cookies 6.2 Protecting Online Files 6.3 Understanding Session Variables	7
7	MySQL Database Overview	7

	7.1 phpMyAdmin Overview	
	7.2 Using a MySQL Database	
	7.3 Reading and Writing Data	
Total		48

Reference Books:

1. Php: A Beginner's Guide 1st Edition McGraw-Hill Osborne Media; 1 edition by Vikram Vaswani
2. Murach's PHP and MySQL (2nd Edition) by Joel Murach and Ray Harris
3. PHP: The Complete Reference Paperback – 1 Jul 2017 by Steven Holzner (Author)

S.Y.B.B.A.(C.A.) Semester – III

Course Code: CA- 305(Optional)

Course Title : Big Data

Objectives:

1. To enable learners to develop expert knowledge and analytical skills in current and developing areas of analysis statistics, and machine learning
2. To enable the learner to identify, develop and apply detailed analytical, creative, problem solving skills.
3. Provide the learner with a comprehensive platform for career development, innovation and further study.

Unit	Topic	No. of lectures
1	INTRODUCTION TO BIG DATA 1.1 Introduction to Big Data 1.2 Types of Digital Data 1.3 Big Data Analytics 1.4 Application of Big data	5
2	INTRODUCTION TO DATA SCIENCE 2.1 Basics of Data Analytics 2.2 Types of Analytics – 2.2.1 Descriptive, 2.2.2 Predictive, 2.2.3 Prescriptive 2.2.4 Statistical Inference 2.3 Populations and samples 2.3.1 Statistical modelling, 2.3.2 Probability 2.3.3 Distribution 2.3.4 Correlation 2.3.5 Regression	10
3	INTRODUCTION TO MACHINE LEARNING 3.1 Basics of Machine Learning 3.2 Supervised Machine Learning 3.2.1 K- Nearest-Neighbours, 3.2.2 Naïve Bayes 3.2.3 Decision tree 3.2.4 Support Vector Machines	20

	3.3 Unsupervised Machine Learning 3.3.1 Cluster analysis 3.3.2 K means 3.3.3 EM Algorithm 3.3.4 Association Rule Mining 3.3.5 Apriori algorithms 3.4 Regression Analysis 3.4.1 Linear Regression 3.4.2 Nonlinear Regression	
4	DATA ANALYTICS WITH R/ WEKA MACHINE LEARNING 4.1 Introduction 4.2 Data Manipulation 4.3 Data Visualization 4.4 Data Analysis	13
Total		48

Reference Books:

1. SeemaAcharya, SubhasiniChellappan, "Big Data Analytics" Wiley 2015.
2. Jay Liebowitz, "Big Data and Business Analytics" Auerbach Publications, CRC press (2013)
3. ArvindSathi, "BigDataAnalytics: Disruptive Technologies for Changing the Game", MC Press, 2012

S.Y.B.B.A.(C.A.) Semester – III

Course Code: CA-305 (Option)

Course Title : BlockChain

PREREQUISITES:

This course is highly technical in nature and would require the student to be comfortable with coding. To prepare for the class all students MUST:

- Understanding of basic programming language like Java, or Javascript.
- Understanding of PKI and Docker.

WHAT YOU'LL LEARN

- Understand what and why of Blockchain
- Explore the major components of Blockchain
- Learn about Bitcoin, Cryptocurrency, Ethereum
- Deploy and exercise example smart contracts
- Identify a use case for a Blockchain application
- Create your own Blockchain network application

COURSE OBJECTIVES

By the end of the course, students will be able to

1. Understand how blockchain systems (mainly Bitcoin and Ethereum) work,
2. To securely interact with them,
3. Design, build, and deploy smart contracts and distributed applications,
4. Integrate ideas from blockchain technology into their own projects.

Unit	Topic	No. of Lectures
1	Introduction To Blockchain 1.1 Digital Trust 1.2 Asset 1.3 Transactions 1.4 Distributed Ledger Technology 1.5 Types of network 1.6 Components of blockchain or DLT 1.7 Ledger 1.7.1. Blocks 1.7.2. Blockchain 1.8 PKI and Cryptography 1.8.1. Private keys 1.8.2. Public keys 1.8.3. Hashing 1.8.4. Digital Signature 1.9. Consensus	12

	1.9.1. Byzantine Fault 1.9.2. Proof of Work 1.9.3. Poof of Stake 1.10. Security 1.10.1.DDos 1.11 Cryptocurrency 1.12.Digital Token	
2.	How Blockchain Works 2.1 How Blockchain Works 2.2. Structure of Blockchain 2.3.Block 2.4. Hash 2.5. Blockchain 2.6. Distributed 2.7. Lifecycle of Blockchain 2.8. Smart Contract 2.9. Consensus Algorithm 2.10 Proof of Work 2.11 Proof of Stake 2.12 Practical Byzantine 2.13 Fault Tolerance 2.14 Actors of Blockchain 2.15 Blockchain developer 2.16 Blockchain operator 2.17 Blockchain regulator 2.18 Blockchain user 2.19 Membership service provider 2.20 Building A Small Blockchain Application	12
3.	Introduction to Bitcoin 3.1 Currency 3.2 Double Spending 3.3 Cryptocurrency 3.4 P2P Payment Gateway 3.5 Wallet 3.6 Mining	8
4.	Ethereum 4.1. Ethereum network 4.2. EVM 4.3.Transaction fee 4.4.Mist 4.5. Ether, gas 4.6. Solidity - Smart contracts 4.7.Truffle 4.8. Web3 4.9. Design and issue Cryptocurrency 4.10. Mining	8

	4.11. DApps 4.12. DAO	
5	Introduction To Hyperledger Fabric V1.1 5.1. Introduction to Hyperledger 5.2 What is Hyperledger 5.3 Why Hyperledger 5.4 Where can Hyperledger be used 5.5 Hyperledger Architecture 5.6 Membership 5.7 Blockchain 5.8 Transaction 5.9 Chaincode 5.10 Hyperledger Fabric 5.11 Features of Hyperledger	8
Total		48

References:

Text Book

1. Arvind Narayanan, Joseph Bonneau, Edward Felten, Andrew Miller and Steven Goldfeder, Bitcoin and Cryptocurrency Technologies: A Comprehensive Introduction, Princeton University Press (July 19, 2016).

Reference Books

1. Antonopoulos, Mastering Bitcoin: Unlocking Digital Cryptocurrencies
2. Satoshi Nakamoto, Bitcoin: A Peer-to-Peer Electronic Cash System
3. DR. Gavin Wood, "ETHEREUM: A Secure Decentralized Transaction Ledger," Yellow paper. 2014.
4. Nicola Atzei, Massimo Bartoletti, and Tiziana Cimoli, A survey of attacks on Ethereum smart contracts

SavitribaiPhule Pune University
Syllabus for BBA(CA) (CBCS 2019 Pattern)
Details for Skill Enhancement (Add-On) Courses

AECC - Course Title: - (M)Basic Course in Environmental Awareness
Credit -2 & Hours -30

Objectives:

- 1) To provide an opportunities to acquire the knowledge, values, attitudes, commitment, and skills needed to protect and improve the environment
- 2) To develop conscious towards a cleaner and better managed environment

Course content

1 Introduction - Environmental studies Definition, scope importance and need for public awareness. (Multidisciplinary nature of environmental studies)

2 Environmental Pollution -Definition, Causes, effects on human, water, soil, air (Mother Earth)

- Air pollution
- Water pollution
- Soil pollution
- Marine pollution
- Noise pollution
- Thermal pollution
- Nuclear hazards

3 Various Government initiatives for conservation of Environment. Controlling measures)

- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution. Pollution case studies.
- Disaster management: floods, earthquake, cyclone and landslides.

4 Field work Visit / Project Report preparation

• Visit to a local area to document environmental assets - river / forest / grassland / hill / mountain.

• Visit to a local polluted site-Urban/Rural/Industrial/Agricultural

• Effects on plants, insects, birds – As Elements of ecosystem

Evaluation of the course: Continuous evaluation of the student through oral, necessary writing assignments / Quiz and presentations.

Certification: A Course Completion Certificate will be provided by the college to every student who has passed in the continuous evaluation and the Grade as per his / her performance in the evaluation will appear on the Certificate.

OR – (Select Any One Course In Semester III – For BBA , BBA- IB , and BBA –CA)

SavitribaiPhule Pune University

Syllabus for BBA (CA) (CBCS 2019 Pattern)

Details for Skill Enhancement (Add-On) Courses

AECC - Course Title: - (N)Advance Course in Environmental Awareness

Credit -2 & Hours -30

Course Objectives

- Understand current concern about our impact on the environment.
- Recognize the things they do affect the environment.
- Promote green practices at home and at work.
- Describe what is being done and what we all can do to help prevent harm to the environment.

Course Contents

- **Environmental and Ecosystem Management:**

Concept and scope, Systems of approaches, Standards – International and National, Ecomark, Environmental accounting and auditing, Green funding and taxes, Trade and environmental management. Ecosystem analysis, Modelling, Monitoring and Planning, Ecotourism and Heritage management, Eco restoration,

- **Management of solid waste**

Different types of solid wastes, Methods of disposal and management of Municipal and thermal power plant generated solid wastes, Bio medical wastes and Hazardous wastes, Recycling of wastes, Power generation and waste minimization techniques.

Sanction and enforcement bodies of environmental laws in India.

Legal, administrative and constitutional provisions for environmental protection in India; Role of Supreme Court and Green Bench of High Court; Public awareness and Government measures; Role of Pressure Groups and NGOs; Concepts and Aspects of Public Interest Litigation (PIL); Public Interest Litigation in India on different Environmental Issues.

- **National and Regional Environmental Issues Resource and its conservation;**

Ecological refugees; Conservation strategies of the environment: Mines, riverine networks; forest, soil and wild life

Current Environmental Movements in India. Silent Valley, Chipko, Narmada dam, Appiko, TehriGarwal Dam, Uttara Kannada and Almatti dam movements.

- **Environmental Ethics and Global Imperatives.**

Concepts and aspects of Environmental ethics, Anthropocentrism and Eco-centrism; Deep ecology. Global environmental problems. Green house effect, global warming and climate change, ozone layer depletion, acid rain, deforestation and loss of biodiversity, unplanned urbanization.

Evaluation of the course: Continuous evaluation of the student through oral, necessary writing assignments/ Quiz and presentations.

Certification: A Course Completion Certificate will be provided by the college to every student who has passed in the continuous evaluation and the Grade as per his / her performance in the evaluation will appear on the Certificate.

S.Y.B.B.A.(C.A.) Semester –IV

Course Code: CA-401

Subject: Networking

Objectives:

1. To gain knowledge about Computer Networks concepts.
2. To know about working of networking models, addresses, transmission medias and connectivity devices.
3. To acquire information about network security and cryptography.

Unit	Topic	No. of Lectures
1	Introduction to Computer Network 1.1 Basics of Computer Network 1.1.1 Definition 1.1.2 Goals 1.1.3 Applications, 1.1.4 Network Hardware –Broadcast, Point to Point 1.1.5 Components of Data Communication 1.2 Network Topologies 1.2.1 Mesh 1.2.2 Star, 1.2.3 Bus, 1.2.4 Ring 1.3 Types of Networks 1.3.1 LAN, MAN, WAN, 1.3.2 Internetwork, 1.3.3 Wireless Network 1.4 Modes of Communication 1.4.1 Simplex, 1.4.2 Half Duplex, 1.4.3 Full Duplex 1.5. Server Based LANs & Peer-to-Peer LANs 1.6. Protocols and Standards 1.7. Network Software 1.7.1 Protocol Hierarchies, Layers, Peers, Interfaces 1.7.2 Design Issues of the Layers 1.7.3 Connection Oriented and Connectionless Service	10
2	Network Models 2.1 OSI Reference Model : Functions of each Layer 2.2 TCP/IP Reference Model, Comparison of OSI and TCP/IP	8

	Reference Model 2.3 TCP/IP Protocol Suite 2.4 Addressing 2.4.1 Physical Addresses 2.4.2 Logical Addresses 2.4.3 Port Addresses, 2.4.4 Specific Addresses 2.5 IP Addressing 2.5.1 Classful Addressing 2.5.2 Classless Addressing	
3	Transmission Media 3.1 Introduction, Types of Transmission Media 3.2 Guided Media: 3.2.1 Twisted Pair Cable- Physical Structure, Categories, Connectors & Applications 3.2.2 Coaxial Cable – Physical Structure, Standards, Connectors & Applications 3.2.3 Fiber Optic Cable- Physical Structure, Propagation Modes, Connectors & Applications 3.3 Unguided Media: 3.3.1 Electromagnetic Spectrum for Wireless Communication 3.3.2 Propagation Modes Ground, Sky, Line-of-Sight 3.3.3 Wireless Transmission: Radio Waves, Microwaves, Infrared	8
4	Wired and Wireless LAN 4.1 IEEE Standards 4.2 Standard Ethernet MAC Sublayer, Physical Layer 4.3 Fast Ethernet – Goals, MAC Sublayer, Topology, Implementation 4.4 Gigabit Ethernet – Goals, MAC Sublayer, Topology, Implementation 4.5 Ten-Gigabit Ethernet – Goals, MAC Sublayer, Physical Layer 4.6 Backbone Networks -Bus Backbone, Star Backbone 4.7 Virtual LANs Membership, IEEE standards advantages 4.8 Wireless LAN 4.8.1 IEEE 802.11 Architecture, 4.8.2 Bluetooth Architecture (Piconet, Scatternet)	8
5	Network Devices 5.1 Network Connectivity Devices 5.1.1 Active and Passive Hubs 5.1.2 Repeaters 5.1.3 Bridges- Types of Bridges 5.1.4 Switches 5.1.5 Router 5.1.6 Gateways	6

6	Network Security 6.1 Introduction 6.2 Need for Security 6.3 Security Services : 6.3.1 Message- -Confidentiality, Integrity, Authentication, Non repudiation. 6.3.2 Entity (User)- Authentication. 6.4 Types of Attack 6.5 Cryptography, PlainText,Cipher Text, Encryption,Decryption, Symmetric Key and Asymmetric Key Cryptography 6.6 SubstitutionTechniques, Caesar Cipher,and Transposition Cipher (Problems should be covered.) 6.7 Firewalls- Packet Filter firewall, Proxy firewall 6.8 Steganography,Copyright	8
Total		48

Reference Books:

1. Computer Networks by Andrew Tanenbaum, Pearson Education.[4th Edition]
2. Data Communication and Networking by BehrouzForouzan, TATA McGraw Hill. .[4th Edition]

S.Y.B.B.A.(C.A.) Semester –IV

Course Code: CA-402

Subject: Object Oriented Concepts Through CPP

Objectives:

1. Acquire an understanding of basic object-oriented concepts and the issues involved in effective class design.
2. Enable students to write programs using C++ features like operator overloading, constructor and destructor, inheritance, polymorphism and exception handling.

Unit	Topic	No. of Lectures
1	Introduction to C++ 1.1 Basic concepts, features, advantages and applications of OOP 1.2 Introduction, applications and features of C++ 1.3 Input and Output operator in C++ 1.4 Simple C++ program	2
2	Beginning with C++ 2.1 Data type and Keywords 2.2 Declaration of variables, dynamic initialization of variables, reference variable 2.3 Operators: 2.3.1 Scope resolution operator 2.3.2 Memory management operators 2.4 Manipulators 2.5 Functions: 2.5.1 Function prototyping, call by reference and return by reference 2.5.2 Inline functions 2.6 Default arguments	6
3	Classes and Objects 3.1 Structure and class, Class, Object 3.2 Access specifiers, defining data member 3.3 Defining member functions inside and outside class definition. 3.4 Simple C++ program using class 3.5 Memory allocation for objects 3.6 Static data members and static member functions 3.7 Array of objects, objects as a function argument 3.8 Friend function and Friend class 3.9 Function returning objects	8
4	Constructors and Destructors 4.1 Constructors 4.2 Types of constructor : Default, Parameterized, Copy 4.3 Multiple constructors in a class 4.4 Constructors with default argument	6

	4.5 Dynamic initialization of constructor 4.6 Dynamic constructor 4.7 Destructor	
6	Inheritance 6.1 Introduction 6.2 Defining Base class and Derived class 6.3 Types of Inheritance 6.4 Virtual Base Class 6.5 Abstract class 6.6 Constructors in derived class	6
7	Polymorphism 7.1 Compile Time Polymorphism 7.1.1 Introduction, rules for overloading operators 7.1.2 Function overloading 7.1.3 Operator Overloading unary and binary 7.1.4 Operator Overloading using friend function 7.1.5 Overloading insertion and extraction operators 7.1.6 String manipulation using operator overloading 7.2 Runtime Polymorphism 7.2.1 this Pointer, pointers to objects, pointer to derived classes 7.2.2 Virtual functions and pure virtual functions	8
8	Managing console I/O operations 8.1 C++ streams and C++ stream classes 8.2 Unformatted I/O operations 8.3 Formatted console I/O operations 8.4 Output formatting using manipulators 8.5 User defined manipulators	3
9	Working with Files 9.1 Stream Classes for File operations 9.2 File operations - Opening, Closing and updating 9.3 File updating with random access. 9.4 Error handling during File operations 9.5 Command Line arguments	6
10	Templates 10.1 Introduction 10.2 Class Template and class template with multiple parameters 10.3 Function Template and function template with multiple parameter 10.4 Exception Handling Introduction	3
Total		48

Reference Books:

- 1) Object Oriented programming with C++ by E Balagurusamy
- 2) Object Oriented Programming with C++ by Robert Lafore
- 3) The Complete Reference C++ by Herbert Schildt
- 4)

S.Y.B.B.A.(C.A.) Semester-IV

Subject: Operating System

Course Code:CA-403

Objectives:

1. To know the services provided by Operating System
2. To know the scheduling concept
3. To understand design issues related to memory management and various related algorithms.
4. To understand design issues related to File management and various related algorithms

Unit	Topic	No. of Lectures
1	Introduction to Operating System 1.1 What is operating system 1.2 Computer system architecture 1.3 Services provided by OS 1.4 Types of OS 1.5 Operating System Structure – - Simple structure -Layered approach -Micro kernels -Modules 1.6 Virtual Machines – Introduction, Benefits	3
2	System Structure 2.1 User operating system Interface 2.2 System Calls– -Process or job control -Device Management - File Management 2.3 System Program 2.4 Operating System Structure	3
3	Process Management 3.1 Process Concept – - The process - Process states - Process control block 3.2 Process Scheduling – - Scheduling queues - Schedulers -Context Switch 3.3 Operation on Process – - Process Creation -Process Termination 3.4 Interprocess Communication –	4

	- Shared memory system - Message passing systems.	
4	CPU Scheduling 4.1 What is scheduling 4.2 Scheduling Concepts – - CPU- I/O Burst Cycle - CPU Scheduler -Preemptive and Non-preemptive scheduling - Dispatcher 4.3 Scheduling criteria 4.4 Scheduling Algorithms – - FCFS - SJF (Preemptive& non-preemptive) - Priority Scheduling (Preemptive& Non- preemptive) - Round Robin Scheduling - Multilevel Queues - Multilevel Feedback queues	6
5	Process Synchronization 5.1 Introduction 5.2 Critical section problem 5.3 Semaphores – - Concept - Implementation - Deadlock & Starvation - Types of Semaphores 5.4 Classical Problems of synchronization – -Bounded buffer problem - Readers & writers problem - Dining Philosophers problem	6
6	Deadlock 6.1 Introduction 6.2 Deadlock Characterization 6.3 Necessary Condition 6.4 Deadlock Handling Technique– -Deadlock Prevention - Deadlock Avoidance – - Safe State - Resource allocation graph algorithm - Bankers algorithm - Deadlock Detection - Recovery from Deadlock – -Process Termination -Resource Preemption	7

7	Memory Management 7.1. Background – - Basic hardware - Address binding - Logical versus physical address space - Dynamic loading - Dynamic linking and shared libraries 7.2 Swapping 7.3 Contiguous Memory Allocation – - Memory mapping and protection - Memory allocation - Fragmentation 7.4 Paging – - Basic Method - Hardware support - Protection - Shared Pages 7.5 Segmentation – - Basic concept - Hardware 7.6 Virtual Memory Management – - Background - Demand paging - Performance of demand paging - Page replacement – - FIFO - OPT - LRU - Second chance page replacement - MFU - LFU	8
8	File System 8.1 Introduction & File concepts (file attributes, Operations on files) 8.2 Access methods – - Sequential access - Direct access 8.3 File structure – - Allocation methods - Contiguous allocation - Linked Allocation - Indexed Allocation 8.4 Free Space Management – - Bit Vector - Linked List - Grouping	7

	- Counting	
9	I/O System 9.1 Introduction 9.2 I/O Hardware 9.3 Application of I/O Interface 9.4 Kernel I/O Subsystem 9.5 Disk Scheduling – - FCFS - Shortest Seek time first - SCAN - C- SCAN - C- Look	4
Total		48

Reference Books:

1. Operating System Concepts - Silberchatz, Galvin, Gagne (8th Edition).
2. Operating Systems : Principles and Design – Pabitra Pal Choudhary (PHI Learning Private Limited)

S.Y.B.B.A.(C.A.) Semester – IV

Course Code: CA- 404 (Option)

Course Title : Advance PHP

Objectives -:

1. To know & understand concepts of internet programming.
2. Understand how server-side programming works on the web.
3. Understanding How to use PHP Framework (Joomla / Druple)

Unit No	Topic	No. of Lectures
1	Introduction to Object Oriented Programming in PHP 1.1 Classes 1.2 Objects 1.3 Introspection 1.4 Serialization 1.5 Inheritance 1.6 Interfaces 1.7 Encapsulation	6
2	Web Techniques 2.1 Server information 2.2 Processing forms 2.3 Sticky forms 2.4 Setting response headers	4
3	XML 3.1 Introduction XML 3.2 XML document Structure 3.3 PHP and XML 3.4 XML parser 3.5 The document object model 3.6 The simple XML extension 3.7 Changing a value with simple XML	8
4	Ajax with PHP 4.1 Understanding java scripts for AJAX 4.2 AJAX web application model 4.3 AJAX –PHP framework 4.4 Performing AJAX validation 4.5 Handling XML data using php and AJAX 4.6 Connecting database using php and AJAX	6

5	Introduction to Web Services 5.1 Definition of web services 5.2 Basic operational model of web services, tools and technologies enabling web services 5.3 Benefits and challenges of using web services. 5.4 Web services Architecture and its characteristics 5.5 Core building blocks of web services 5.6 Standards and technologies available for implementing web services 5.7 Web services communication models 5.8 Basic steps of implementing web services.	10
6	PHP Framework (Joomla / Drupale) 6.1 Introduction to Joomla/Drupale 6.1.1 Introduction 6.1.2 Joomla/Drupale features 6.1.3 How Joomla/Drupale works ? 6.1.4 The platform Components, Modules and Plugins 6.2 Administering Joomla/Drupale 6.2.1 Presentation Administration 6.2.2 Content Administration 6.2.3 System Administration 6.3 Working with Joomla/Drupale 6.3.1 Adding articles 6.3.2 Adding menus to point to content 6.3.3 Installing new templates 6.3.4 Creating templates 6.3.5 Adding a Module and Component 6.3.6 Modifying the existing templates 6.3.7 Creating templates with web editors 6.3.8 Creating real templates	14

Reference Books

- Php: A Beginner's Guide 1st Edition McGraw-Hill Osborne Media; 1 edition by Vikram Vaswani
- Murach's PHP and MySQL (2nd Edition) by Joel Murach and Ray Harris
- PHP: The Complete Reference Paperback – 1 Jul 2017 by Steven Holzner (Author)
- Building Web Services with Java, 2nd Edition, S. Graham and others, Pearson Edn., 2008.
- Java Web Services, D.A. Chappell & T. Jewell, O'Reilly, SPD.
- www.php.net.in
- www.W3schools.com

S.Y.B.B.A.(C.A.) Semester – IV

Course Code: CA- 404(Optional)

Course Title : Node - JS

Objectives:

1. Understand the JavaScript and technical concepts behind Node JS
2. Structure a Node application in modules
3. Understand and use the Event Emitter
4. Understand Buffers, Streams, and Pipes
5. Build a Web Server in Node and understand how it really works
6. Connect to a SQL or Mongo database in Node

Pre-requisite / Target Audience:

- 1) Basic Knowledge of JavaScript and OOPS
- 2) Knowledge in async programming will be added advantage

Unit	Topics	No. of Lectures
1	Introduction to Node JS 1.1 Introduction 1.2 What is Node JS? 1.3 Advantages of Node JS 1.4 Traditional Web Server Model 1.5 Node.js Process Model 1.6 Install Node.js on Windows 1.7 Working in REPL	8
2	Node JS Modules 2.1 Functions 2.2 Buffer 2.3 Module 2.4 Module Types 2.5 Core Modules 2.6 Local Modules 2.7 Module.Exports	10
3	Node Package Manager 3.1 What is NPM ? 3.2 Installing Packages Locally 3.3 Adding dependency in package.json 3.4 Installing packages globally 3.5 Updating packages	6
4	Web server	

	4.1 Creating web server 4.2 Handling http requests 4.3 Sending requests	6
5	File System 5.1 Fs.readFile 5.2 Writing a File 5.3 Writing a file asynchronously 5.4 Opening a file 5.5 Deleting a file 5.6 Other IO Operations	8
6	Events 6.1 EventEmitter class 6.2 Returning event emitter 6.3 Inhering events	4
7	Database connectivity 7.1 Connection string 7.2 Configuring 7.3 Working with select command 7.4 Updating records 7.5 Deleting records	6
Total		48

Reference Books:

- 1) Node.js complete reference guid , velentinBojinov, David Herron, DiogeResende, packt Publishing ltd
- 2) Mastering Nod.js By SandroPasquali , packt Publishing
- 3) Smashing Node.js Javascript Everywhere , Guillermo Rauch, John wiley& Sons

Acknowledgement

The Syllabus Restructuring of BBA (CA) Programme (CBCS-2019 Pattern) is a manifestation of excellence in the faculty of Commerce and Management. Savitribai Phule Pune University's focus has always been in raising the academic standards and excellence in the field of education.

The BBA (CA) Programme predominantly endeavours for holistic development of students. It has emphasized on cultivating various skills and has also desired software technology acumen amongst the students.

This revision has been possible only with the help and support of different eminent personalities. The contribution of all the members as a team has enabled the robust revision of all the titles of the Programme. This synergy of the contributors is very crucial in fine tuning of the BBA(CA) Programme in its present form.

SPPU is grateful to Hon. Prof. Dr. Nitin Karmalkar, Vice Chancellor, Hon. Dr. N. S. Umarani, Pro-Vice Chancellor, who has always lent continuous support and encouraged everyone involved in this task of restructuring.

SPPU is also grateful to Hon. Dr. Parag Kalkar, Dean, Faculty of Commerce and Management and Dr. Yashodhan Mithare, Associate Dean, Faculty of Commerce and Management. They have been an inspiration for all the members to complete the work.

Dr. Tanuja Devi, on behalf of SPPU, headed the BBA(CA) Restructuring Committee. The technological aspect in the course content Dr. Ranjit Patil, Shakila Sishawantan, Prashant Mule, Shivendu Bhushan have contributed to a great extent. The team is thankful to Mrs. Leena Bhat, Mrs. Nimbalkar and Mrs. Priyanka Jain for the assisting to all the members in framing the syllabus.

BBA(CA) CBCS 2019 **Pattern**

TYBBA (CA) Sem V **Syllabus**

Savitribai Phule Pune University
T.Y.B.B.A (C.A.) Semester –V
Course Code: CA-501
Subject Name: Cyber Security

Total Hours : 48 lectures

Total Credits: 03

Prerequisites: -

- A course on Computer Networks.

Course Objectives:

- To understand the fundamentals of cyber security.
- To understand various categories of Cybercrime, Cyber-attacks on mobile, tools and techniques used in Cybercrime and case studies.
- To have an overview of the Cyber laws and concepts of Cyber forensics.

Course Outcome:-

- Have a good understanding of Cyber Security and the Tools.
- Identify the different types of Cyber Crimes.
- Have a good understanding of Cyber laws
- To develop Cyber forensics awareness.
- Identify attacks, security policies and credit card frauds in mobile and Wireless Computing Era.

Unit	Topic	No of lectures
1	Chapter 1:- Introduction to Cyber Crime and Cyber Security 1.1 Introduction 1.2 Cybercrime: Definition and Origin of the Word 1.3 Cybercrime and Information Security 1.4 Who are Cybercriminals? 1.5 Classifications of Cybercrimes: E-Mail Spoofing, Spamming, Cyber defamation, Internet Time Theft, Salami Attack/Salami Technique, Data Diddling, Forgery, Web Jacking, Newsgroup, Spam/Crimes Emanating from Usenet Newsgroup, Industrial Spying/Industrial Espionage, Hacking, OnlineFrauds, Computer Sabotage, Email Bombing/Mail Bombs, Computer Network Intrusions, Password Sniffing, Credit Card Frauds, Identity Theft 1.6 Definition of Cyber Security 1.7 Vulnerability, Threats and Harmful acts 1.8 CIA Triad 1.9 Cyber Security Policy and Domains of Cyber Security Policy	07
2	Chapter 2 :- Cyber offenses and Cyberstalking 2.1 Criminals Plan: Categories of Cybercrime Cyber Attacks: Reconnaissance, Passive Attack, Active Attacks, Scanning/Scrutinizing gathered Information, Attack (Gaining and Maintaining the System Access), Social Engineering, and Classification of Social Engineering. 2.2 Cyberstalking: Types of Stalkers, Cases Reported on Cyberstalking, Working of Stalking 2.3 Real-Life Incident of Cyber stalking 2.4 Cybercafe and Cybercrimes	10

	2.5 Botnets: The Fuel for Cybercrime, Botnet, Attack Vector 2.6 Cybercrime: Mobile and Wireless Devices – Proliferation - Trends in Mobility 2.7 Credit Card Frauds in Mobile and Wireless Computing Era 2.8 Security Challenges Posed by Mobile Devices 2.9 Authentication Service Security 2.10 Attacks on Mobile/Cell Phones	
3	Chapter 3:- Tools and Methods Used in Cybercrime 3.1 Introduction 3.2 Proxy Servers and Anonymizers 3.3 Phishing 3.4 Password Cracking 3.5 Keyloggers and Spywares 3.6 Virus and Worms 3.7 Trojan Horses and Backdoors 3.8 Steganography 3.9 DoS and DDoS Attacks 3.10 SQL Injection	05
4	Chapter 4 :- Cybercrimes and Cyber security: The Legal Perspectives 4.1 Introduction 4.2 Cybercrime and the Legal Landscape around the World 4.3 Why Do We Need Cyberlaws: The Indian Context 4.4 The Indian IT Act 4.5 Challenges to Indian Law and Cybercrime Scenario in India 4.6 Consequences of not Addressing the Weakness in Information Technology Act 4.7 Digital Signatures and the Indian IT Act 4.8 Amendments to the Indian IT Act 4.9 Cybercrime and Punishment 4.10 Cyberlaw, Technology and Students: Indian Scenario	07
5	Chapter 5:- Cyber Forensics 5.1 Introduction 5.2 Historical background of Cyber forensics 5.3 Digital Forensics Science 5.4 The Need for Computer Forensics 5.5 Cyber Forensics and Digital evidence 5.6 Forensics Analysis of Email 5.7 Digital Forensics Lifecycle 5.8 Challenges in Computer Forensics	06
6	Chapter 6:- Cybersecurity: Organizational Implications 6.1 Organizational Implications: Cost of cybercrimes and IPR issues 6.2 Web threats for organizations 6.3 Security and Privacy Implications from Cloud Computing 6.4 Social media marketing 6.5 Social computing and the associated challenges for organizations, Protecting people's privacy in the organization 6.6 Organizational guidelines for Internet usage and safe computing guidelines and computer usage policy 6.7 Incident handling	07

	6.8 Intellectual property in the cyberspace of cyber security.	
7	Chapter 7:- Cybercrime: Illustrations, Examples and Mini-Cases 7.1 Real-Life Examples 7.2 Mini-Cases 7.3 Illustrations of Financial Frauds in Cyber Domain 7.4 Digital Signature-Related Crime Scenarios 7.5 Digital Forensics Case Illustrations 7.6 Online Scams	06

References Books:

1. Cyber Security Understanding Cyber Crimes, Computer Forensics and Legal Perspectives – Nina Godbole, Sunit Belapure, Wiley: April 2011 India Publications Released.
2. Principles of Information Security, -Michael E Whitman, Herbert J Mattord, 3rd Edition, 2011.
3. Computer Security: Principles and Practice -William Stallings and Lawrie Brown, 3rd edition, Pearson, 2015.
4. Cyber Security Essentials- James Graham Richard Howard Ryan Olson

Savitribai Phule Pune University
T.Y.B.B.A.(C.A.) Semester –V
Course Code: CA-502
Subject: Object Oriented Software Engineering

Total Hours: 48

Total Credits: 03

Pre Requisite: Students shall have the Basic Knowledge of Software Engineering

OBJECTIVES:

1. To understand the fundamentals of object modeling
2. To understand and differentiate Unified Process from other approaches.
3. To design with static UML diagrams.
4. To design with the UML dynamic and implementation diagrams.
5. To improve the software design with design patterns.
6. To test the software against its requirements specification.

Outcomes:

1. Students will be able to give Design Specifications for Project.
2. Students will acquire Knowledge in Basic Modeling.
3. Students will acquire Project Management Skills.

Chapter	Course Content	No of lectures
1	Introduction and basics of Software Modelling 1.1 Software Life Cycle Models (Revision of SE) 1.2 System Concepts 1.3 Project Organization 1.4 Communication in Project Management 1.5 Risk management in Project Management	4
2	SRS Documentation 2.1 SRS Specification 2.2 Requirement Elicitation 2.3 Business Engineering	4
3	Introduction to UML 3.1 Concept of UML 3.2 Advantages of UML	2
4	Object Oriented Concepts and Principles 4.1 What is Object Orientation? - Introduction , Object , Classes and Instance , Polymorphism, Inheritance 4.2 Object Oriented System Development- Introduction, Function/Data Methods (With Visibility), Object Oriented Analysis, Object Oriented Construction 4.3 Identifying the Elements of an Object Model 4.4 Identifying Classes and Objects 4.5 Specifying the Attributes (With Visibility)	4

	4.6 Defining Operations 4.7 Finalizing the Object Definition	
5	Structural Modeling 5.1 Classes 5.2 Relationship 5.3 Common Mechanism 5.4 Class Diagram (Minimum three examples should be covered) 5.5 Advanced Classes 5.6 Advanced Relationship 5.7 Interface 5.8 Types and Roles 5.9 Packages 5.10 Object Diagram (Minimum three examples should be covered)	10
6	Basic Behavioural Modeling 6.1 Interactions 6.2 Use Cases and Use Case Diagram with stereo types (Minimum three examples should be covered) 6.3 Interaction Diagram (Minimum two examples should be covered) 6.4 Sequence Diagram (Minimum two examples should be covered) 6.5 Activity Diagram (Minimum two examples should be covered) 6.6 State Chart Diagram (Minimum two examples should be covered)	10
7	Architectural Modelling 7.1 Component 7.2 Components Diagram (Minimum two examples should be covered) 7.3 Deployment Diagram (Minimum two examples should be covered) 7.4 Collaboration Diagram (Minimum two examples should be covered)	6
8	Object Oriented Analysis 8.1 Iterative Development and the Rational Unified Process 8.2 Inception 8.3 Understanding Requirements 8.4 Use Case Model From Inception to Elaboration 8.5 Elaboration	4
9	Object Oriented Design 9.1 The Booch Method, The Coad and Yourdon Method and Jacobson Method and Raumbaugh Method 9.2 The Generic Components of the OO Design Model	4

	9.3 The System Design Process - Partitioning the Analysis Model, Concurrency and Sub System Allocation, Task Management Component, The Data Management Component, The Resource Management Component, Inter Sub System Communication	
	Total	48

Reference Books:

Sr. No.	Title of the Book	Author's Name	Publication
1	The Unified Modeling Language User/Reference Guide,	Grady Booch, James Rumbaugh	Pearson Education Inc
2	The Unified software development Process	Ivar Jacobson, Grady Booch, James Rumbaugh	Pearson Education
3	Agile Software development	Alistair Cockbair	Pearson Education

Savitribai Phule Pune University
T.Y.B.B.A.(C.A.) Semester –V
Course Code: CA-503
Subject: Core Java

Total Hours : 48

Total Credits: 03

Prerequisite:

- Student should know basics of object oriented programming.

Course Objectives:

- To introduce the object oriented programming concepts.
- To understand object oriented programming concepts, and apply them in solving problems.
- To introduce the principles of inheritance and polymorphism; and demonstrate how they relate to the design of abstract classes
- To introduce the implementation of packages and interfaces
- To introduce the concepts of exception handling and multithreading.
- To introduce the design of Graphical User Interface using applets and swing controls.

Course Outcomes:

- Able to solve real world problems using OOP techniques.
- Able to understand the use of abstract classes.
- Able to solve problems using java collection framework and I/o classes.
- Able to develop multithreaded applications with synchronization.
- Able to develop applets for web applications.
- Able to design GUI based applications

Unit No.	Topic	No. of Lectures	Reference Books
1	Java Fundamentals 1.1 Introduction to Java. 1.1 Features of Java 1.2 Basics of Java: - Data types, variable, expression, operators, constant. 1.3 Structure of Java Program. 1.4 Execution Process of java Program. 1.5 JDK Tools. 1.6 Command Line Arguments. 1.7 Array and String: 1.7.1 Single Array & Multidimensional Array 1.7.2 String, String Buffer 1.8 Built In Packages and Classes : 1.8.1 java.util:- Scanner, Date, Math etc. 1.8.2 java.lang	8	1,2
2	Classes, Objects and Methods 2.1 Class and Object 2.2 Object reference 2.3 Constructor: Constructor Overloading 2.4 Method: Method Overloading, Recursion, Passing and Returning object form Method 2.5 new operator, this and static keyword, finalize() method 2.6 Nested class, Inner class, and Anonymous inner class	8	1,2

3	Inheritance, Package and Collection 3.1 Overview of Inheritance 3.2 inheritance in constructor 3.3 Inheriting Data members and Methods, 3.4 Multilevel Inheritance – method overriding Handle multilevel constructors 3.5 Use of super and final keyword 3.6 Interface: 3.7 Creation and Implementation of an interface, Interface reference 3.8 Interface inheritance 3.9 Dynamic method dispatch 3.10 Abstract class 3.11 Comparison between Abstract Class and interface 3.12 Access control 3.13 Packages 3.13.1 Packages Concept 3.13.2 Creating user defined packages 3.13.3 Java Built inpackages 3.13.4 Import statement, Static import 3.14 Collection 3.14.1 CollectionFramework. 3.14.2 Interfaces: Collection, List, Set 3.14.3 Navigation: Enumeration, Iterator, ListIterator 3.14.4 Classes: LinkedList, ArrayList, Vector, HashSet	10	
4	File and Exception Handling Exception 4.1 Exception and Error 4.2 Use of try, catch, throw, throws and finally 4.3 Built in Exception 4.4 Custom exception 4.5 Throwable Class. File Handling 4.6 Overview of Different Stream (Byte Stream, Character stream) 4.7 Readers and Writers class 4.8 File Class 4.9 File Input Stream , File Output Stream 4.10 Input Stream Reader and Output Stream Writer class 4.11 FileReader and FileWriter class 4.12 Buffered Reader class.	8	1,2,3
5	Applet, AWT, Event and Swing Programming Applet 5.1 Introduction 5.2 Typesapplet 5.3 Applet Lifecycle 5.3.1 Creatingapplet 5.3.2 Applet tag	14	1,2,3,4

	5.4 AppletClasses 5.4.1 Color 5.4.2 Graphics 5.4.3 Font AWT 5.5 Components and container used inAWT 5.6 Layoutmanagers 5.7 Listeners and Adapterclasses 5.8 Event Delegationmodel Swing 5.9 Introduction to Swing Componentand Container Classes 5.10Exploring Swing Controls- JLabel and Image Icon, JText Field, The Swing Buttons JButton, JToggle Button, JCheck Box, JRadio Button, JTabbed Pane, JScroll Pane, JList, JTable, JComboBox, Swing Menus, Dialogs,JFileOpen,JColorChooser.		
	Total Lectures	48	

Reference Books:

1. Programming with JAVA - EBalgurusamy
2. The Complete Reference – JAVA HerbertSchildt
3. Programming in Java, S. Malhotra, S. Chudhary, 2nd edition, Oxford Univ. Press.
4. Java Programming and Object-oriented Application Development, R. A. Johnson, Ceng

T.Y.B.B.A.(C.A.) Semester –V
Course Code: CA-504
Subject: MongoDB

Total Hours: 48

Total Credits:03

Prerequisites:

- Knowledge of database concepts
- Basic understanding of Big Data platforms

Objectives:

1. Understand importance of NoSQL Databases.
2. Learn various MongoDB commands and MongoDB design goals.
3. Design basic and general-purpose database using MongoDB.

Outcomes:

- Learned to work with MongoDB shell and MongoDB tools.
- Able to do Schema design, Data modelling and all sorts of CRUD Operations.
- Learned to optimize query performance.
- Become capable to analyze the data stored in MongoDB.

Unit	Topic	No. of lectures
1	Introduction to NoSQL Databases 1.1 Introduction to NoSQL Databases 1.2 Difference between NoSQL and RDBMS 1.3 Need of NoSQL Databases 1.4 Application of NoSQL Databases 1.5 Types of NoSQL Databases 1.6 What is MongoDB? 1.7 Features of MongoDB	5
2	MongoDB Basics 2.1 Installing MongoDB 2.2 MongoDB Server and Database, MongoDB tools 2.3 Collection, Documents and Key-Values 2.4 Data Modeling Concepts 2.4.1 Why Data Modeling? Data Modeling Approach 2.4.2 Analogy between RDBMS & MongoDB Data Model, MongoDB Data 2.4.3 Model (Embedding & Linking) 2.4.4 Challenges for Data Modeling in MongoDB 2.4.5 Data Model Examples and Patterns 2.5 Mongo shell Commands to create, delete database, collection & documents 2.6 MongoDB Datatypes 2.7 Inserting and saving documents 2.7.1 Batch Insert 2.7.2 Insert Validation 2.8 MongoDB GUI like compass	12
3	MongoDB CRUD Operations	14

	3.1 MongoDB Development Architecture 3.2 MongoDB Production Architecture 3.3 MongoDB CRUD Introduction, MongoDB CRUD Concepts 3.4 MongoDB CRUD Concerns (Read & Write Operations) 3.5 Concern Levels, Journaling 3.6 Cursor Query Optimizations, Query behaviour in MongoDB 3.7 Distributed Read & Write Queries 3.8 MongoDB CRUD Syntax & Queries	
4	MongoDB Index and Aggregation 4.1 Index Introduction, Index Concepts, Index Types, Index Properties 4.2 Index Creation and Indexing Reference 4.3 Introduction to Aggregation 4.4 Approach to Aggregation 4.5 Types of Aggregation (Pipeline, MapReduce & Single Purpose) 4.6 Performance Tuning.	8
5	MongoDB Administration 5.1 Administration concepts in MongoDB 5.2 Monitoring issues related to Database 5.3 Monitoring at Server, Database, Collection level, and various Monitoring tools related to MongoDB 5.4 Database Profiling, Locks, Memory Usage, No of connections, page fault 5.5 Backup and Recovery Methods for MongoDB 5.6 Export and Import of Data to and from MongoDB 5.7 Run time configuration of MongoDB 5.8 Production notes/ best practices 5.9 Data Managements in MongoDB (Capped Collections/ Expired data from TTL), Hands on Administrative Tasks.	9
Total		48

Reference books:

1. MongoDB Basics by Peter Membrey, David Hows, Eelco Plugge
2. MongoDB Recipes With Data Modeling and Query Building Strategies by Subhashini Chellappan, Dharanitharan Ganesan
3. MongoDB Simply In Depth by Ajit Singh, Sultan Ahmad

Savitribai Phule Pune University
T.Y.B.B.A.(C.A.) Sem-V

Prerequisites:

1. Experience with a high level language (C/C++, Java, MATLAB) is suggested.
2. Prior knowledge of a scripting language (Perl, UNIX/Linux shells) and Object-Oriented concepts is helpful but not mandatory.

Course Objectives:

1. To learn and understand Python programming basics and paradigm.
2. To learn and understand python looping, control statements and string manipulations.
3. Students should be made familiar with the concepts of GUI controls and designing GUI applications.
4. To learn and know the concepts of file handling, exception handling.

Course Outcomes: On completion of the course, student will be able

1. Define and demonstrate the use of built-in data structures “lists” and “dictionary”.
2. Design and implement a program to solve a real world problem.
3. Design and implement GUI application and how to handle exceptions and files.

Unit	Details	Lectures
I	Unit 1: Introduction to Python 1.1 History, feature of Python, setting up path, working with python Interpreter, basic syntax, variable and data types, operators 1.2 Conditional statements -If, If-Else, nested if-else, Examples. 1.3 Looping -For, While, Nested loops, Examples 1.4 Control Statements -Break, Continue, Pass. 1.5 String Manipulation -Accessing String, Basic Operations, String Slices, Function and Methods, Examples. 1.6 Lists -Introduction, accessing list, operations, working with lists, function & methods. 1.7 Tuple -Introduction, Accessing tuples, operations working, function & methods, Examples. 1.8 Dictionaries -Introduction, Accessing values in dictionaries, working with dictionaries, properties, function, Examples. 1.9 Functions -Defining a function, calling a function, types of function, function arguments, anonymous function, global & local variable, Examples.	16
II	Unit 2: Modules and Packages 2.1 Built in Modules 2.1.1 Importing modules in python program 2.1.2 Working with Random Modules. 2.1.3 E.g. - built-ins, time, date time, calendar, sys, etc 2.2 User Defined functions 2.2.1 Structure of Python Modules 2.3 Packages 2.3.1 Predefined Packages 2.3.2 User defined Packages	6
III	Unit 3: Classes ,Objects and Inheritance 3.1 Classes and Objects 3.1.1 Classes as User Defined Data Type 3.1.2 Objects as Instances of Classes 3.1.3 Creating Class and Objects 3.1.4 Creating Objects By Passing Values 3.1.5 Variables & Methods in a Class 3.2 Inheritance 3.2.1 Single Inheritance 3.2.2 Multilevel Inheritance	8

	3.2.3 Multiple Inheritance 3.2.4 Hybrid Inheritance 3.2.5 Hierarchical Inheritance 3.2.6 IS-A Relationship and HAS-A Relationship	
IV	Unit 4: Exception Handling 4.1 Python Exception 4.2 Common Exception 4.3 Exception handling in Python (try-except-else) 4.4 The except statement with no exception 4.5 Multiple Exception 4.6 The try-finally clause 4.7 Custom Exception and assert statement	4
V	Unit 5: GUI Programming 5.1 Introduction 5.2 Tkinter programming 5.4 Tkinter widgets 5.5 Frame 5.6 Button 5.7 Label 5.8 Entry	10
VI	Unit 6: Python Libraries 6.1 Statistical Analysis- NumPy, SciPy, Pandas, StatsModels 6.2 Data Visualization- Matplotlib, Seaborn, Plotly 6.3 Data Modelling and Machine Learning- Scikit-learn, XGBoost, Eli5 6.4 Deep Learning- TensorFlow, Pytorch, Keras 6.5 Natural Language Processing (NLP)- NLTK, SpaCy, Gensim	4

Reference Books:

1. Mark Lutz, Programming Python, O'Reilly, 4th Edition, 2010
2. Dive into Python, Mike
3. Learning Python, 4th Edition by Mark Lutz
4. Programming Python, 4th Edition by Mark Lutz
5. Python Programming: An introduction to computer, John Zelle, 3rd Edition.

Savitribai Phule Pune University
T.Y.B.B.A.(C.A.) Sem-V
Subject Code: 505

Subject: (DSE) Project

Total Credits: 04

For the evaluation/ conduction of project separate guidelines will be provided.

T.Y.B.B.A.(C.A.) Sem-V
Subject Code: 506
Subject: Computer Laboratory Based on 503 and 504(2 credits each)

Total Credits: 04

For the conduction of practicals, practical assignments are given in the lab book.

Savitribai Phule Pune University

T.Y.B.B.A.(C.A.)Sem-V (CBCS 2019 Pattern)
Subject Code: CA-507
Subject: Internet of Things (IoT)

Total Hours: 30

Total Credits: 02

Prerequisite:

Basic knowledge of Internet, Networking, and Electronics.

Course Objectives:

1. To understand Technical aspects of Internet of things.
2. To describe smart objects and IoT Architecture.
3. To study and compare different Application protocols of IoT.
4. To understand IoT platform using Arduino Uno.

Course Outcomes: Students will be able

1. To explain key technologies, smart objects, IoT Architecture and security in Internet of Things.
2. To illustrate the role of IoT protocols for efficient network communication.
3. To understand IoT platform such as Arduino Uno.

Unit No.	Contents Theory	No. of Lectures
1	Fundamentals of IoT 1.1 Basic Concepts of IoT 1.2 Major components of IoT devices 1.3 IOT Architecture 1.4 Pros & Cons of IOT	03
2	Communication Technologies 2.1 Wireless Communication: Bluetooth, ZigBee, WiFi, RF Links 2.2 Wired Communication: Ethernet 2.3 IOT Protocol: MQTT, CoAP, XMPP, OSGi	05
3	Microcontroller Fundamental and Arduino uno 3.1 System on Chip & Microcontroller 3.2 Arduino UNO: Introduction to Arduino, Arduino UNO, Arduino Board, The Anatomy of an Arduino Board 3.3 The Development Environment of Arduino Board 3.4 Writing Arduino Software, The Arduino Sketch 3.5 Fundamentals of Arduino Programming 3.6 Trying the code on an Arduino Emulator 3.7 Arduino Libraries 25 Programming & Interfacing 3.8 Application of IoT 3.9 Case studies: Home Automation, Smart Parking, etc.	07
Total		15
Practical Please Refer Lab Book		15

Reference Books:

1. Learning internet of things by Waher, Peter -Packt Publishing Ltd, 2015
2. "Fundamentals of Wireless Sensor Networks: Theory and Practice" by WaltenegusDargie,

Christian Poellabauer

3. Internet of Things (A Hands-on-Approach) by Vijay Madisetti , ArshdeepBahga
4. Designing the Internet of Things by Adrian McEwen, Hakim Cassimally
5. Internet of Things with Arduino Cookbook by Schwartz, M. - Packt Publishing Ltd.
6. "IoT Fundamentals: Networking Technologies, Protocols, and Use Cases for the Internet of Things", David Hanes, Gonzalo Salgueiro, Patrick Grossetete, Robert Barton, Jerome Henry, 1stEdition, Pearson Education (Cisco Press Indian Reprint)
7. "Internet of Things" by Srinivasa K G, CENGAGE Learning India, 2017
8. Computer Networks by Tanenbaum, Andrew S - Pearson Education Pte. Ltd., Delhi, 4th Edition
9. Data and Computer Communications; By: Stallings, William - Pearson Education Pte. Ltd., Delhi, 6th Edition

TYBBA (CA) Sem VI Syllabus

Savitribai Phule Pune University
T.Y.B.B.A.(C.A.) Sem-VI (CBCS 2019 Pattern)

Subject Code: CA-601

Subject: **Recent Trends in IT**

Total Hours: 48

Total Credits: 3+1=4

Prerequisites:

1. Basic knowledge of related programming and database concepts.

2. Fundamentals of Mathematical logic & Data structures.

Course Objectives

1. To introduce upcoming trends in Information technology.
2. To study Eco friendly software development concepts.
3. To provide a strong foundation of fundamental concepts in Artificial Intelligence.
4. To evaluate the performance of various data mining task.
5. To understand Data analytics using Spark Programming.

Course Outcomes: On completion of the course, student will be able

1. To discuss the basic concepts AI.
2. To apply basic, intermediate and advanced techniques to mine the data.
3. To provide an overview of the concept of Spark programming.

Unit No.	Contents	No. of Lectures
1	Introduction to recent trends 1.1 Artificial Intelligence 1.2 Data Warehouse 1.3 Data Mining 1.4 Spark	02
2	Artificial Intelligence 2.1 Introduction& Concept of AI 2.2 Applications of AI 2.3 Artificial Intelligence, Intelligent Systems, Knowledge –based Systems, AI Techniques 2.4 Early work in AI & related fields. 2.5 Defining AI problems as a State Space Search 2.6 Search and Control Strategies 2.7 Problem Characteristics 2.8 AI Problem: Water Jug Problem, Tower of Hanoi, Missionaries & Cannibal Problem	08
3	AI Search Techniques 3.1 Blind Search Techniques: BFS, DFS, DLS, Iterative deepening Search, Bidirectional Search, and Uniform cost Search 3.2 Heuristic search techniques: Generate and test, Hill Climbing, Best First search, Constraint Satisfaction, Mean-End Analysis, A*, AO*	08
4	Data Warehousing 4.1 Introduction to Data warehouse 4.2 Structure of Data Warehouse 4.3 Advantages & uses of Data Warehouse 4.4 Architecture of Data Warehouse 4.5 Multidimensional data model	08

	4.6 OLAP Vs. OLTP 4.7 OLAP Operations 4.8 Types of OLAP Servers: ROLAP versus MOLAP versus HOLAP	
5	Data Mining 5.1 Introduction to Data Mining 5.2 Data mining Task 5.3 Data mining issues 5.4 Data Mining versus Knowledge Discovery in Databases 5.5 Data Mining Verification vs. Discovery 5.6 Data Pre-processing – Need, Data Cleaning, Data Integration & Transformation, Data Reduction 5.7 Accuracy Measures: Precision, recall, F-measure, confusion matrix, cross-validation, bootstrap 5.8 Data Mining Techniques 5.9 Frequent item-sets and Association rule mining: Apriori algorithm, FP tree algorithm 5.10 Graph Mining: Frequent sub-graph mining 5.11 Software for data mining : R, Weka, Sample applications of data mining 5.12 Introduction to Text Mining, Web Mining, Spatial Mining, Temporal Mining	12
6	Spark 6.1 Introduction to Apache Spark 6.2 Spark Installation 6.3 Apache Spark Architecture 6.4 Components of Spark 6.5 Spark RDDs 6.6 RDD Operations: Transformation & Actions 6.7 Spark SQL and Data Frames 6.8 Introduction to Kafka for Spark Streaming	10
Total		48

Reference Books:

1. Artificial Intelligence by Elaine Rich, Kevin Knight - Tata McGraw Hill, 2nd Edition
2. Artificial Intelligence: A new Synthesis, Nilsson, Elsevier, ISBN 9788181471901
3. Data Mining Concepts and Techniques, by Jiawei Micheline Kamber, Morgan Kaufmann Publishers.
4. Advanced Analytics with Spark by Sandy RyzaPublicatio O'REILLY
5. Apache Spark for Data Science Cookbook by Padma Priya Chitturi

Savitribai Phule Pune University

T.Y.B.B.A.(C.A.) Sem-VI (CBCS 2019 Pattern)

Subject Code: CA-602

Subject: Software Testing

Total Hours: 48

Total Credits: 3

Prerequisite:

1. Students shall have basic Knowledge of Software Engineering.
2. Students shall have basic Knowledge of OOSE.

Objectives:

1. To provide learner with knowledge in Software Testing techniques.
2. To understand how testing methods can be used as an effective tool in providing quality assurance for software.
3. To provide skills to design test case plan for testing software.

Outcomes:

1. Students will be introduced to testing tools.
2. Students will acquire Knowledge of Basic SQA.
3. Students will be able to design basic Test Cases.

Chapter	Course Content	No of lectures
1	Introduction 1.1 Introduction, Nature of errors, 1.2 Testing Objectives 1.3 Testing principles 1.4 Testing fundamentals, 1.5 Software reviews, Formal Technical reviews, 1.6 Inspection and walkthrough 1.7 Testing Life Cycle	10
2	Approaches to Testing –Testing Methods 2.1 White Box Testing and types of white box testing 2.2 Test Case Design 2.3 Black Box Testing and types of black box testing 2.4 Gray Box Testing	5
3	Software Testing Strategies &Software metrics 3.1 Software Testing Process 3.2 Unit Testing 3.3 Integration- Top-down ,Bottom up 3.4 System Testing 3.5 Acceptance Testing (alpha, Beta testing) 3.6 Validation and Verification 3.7 Big Bang Approach 3.8 Sandwich approach 3.9 Performance Testing 3.10 Regression Testing 3.11 Smoke Testing 3.13 Load Testing	10
4	Software metrics 4.1 Introduction 4.2 Basic Metrics –size-oriented metric, Function –oriented metric 4.3 Cyclometric Complexity Metrics Examples on Cyclometric Complexity	10
5	Testing for Specialized Environments 5.1 Testing GUI's 5.2 Testing of Client/Server Architectures 5.3 Testing Documentation and Help Facilities 5.4 Testing for Real-Time Systems	5

6	Testing Tools& Software Quality Assurance (Introduction) 6.1 JUnit, Apache JMeter, Win runner 6.2 Load runner, Rational Robot 6.3 Quality Concepts, Quality Movement, Background Issues, SQA activities 6.4 Formal approaches to SQA 6.5 Statistical Quality Assurance 6.6 Software Reliability 6.7 The ISO 9000 Quality Standards 6.8 SQA Plan 6.9 Six sigma 6.10 Informal Reviews	8
	Total	48

Reference Books:

Sr. No.	Title of the Book	Author's Name	Publication
1.	Software Engineering – A Practitioner's approach	Roger S Pressman	7th Edition Tata McGraw-Hill
2.	Effective Methods of Software Testing.	William E Perry	Wiley Publishing Inc
3.	Software Testing Principles and Practices	Srinivasan Desikan, Gopalswamy Ramesh	Pearson Publication
4.	Total Quality Management	DaleH. Besterfield,	Prentice Hall, 2003

Savitribai Phule Pune University

T.Y.B.B.A.(C.A.) Sem-VI (CBCS 2019 Pattern)

Subject Code: CA-603

Subject: Advanced Java

Total Hours: 48

Total Credits: 3

Prerequisite: Students should know basic programming concepts.

Objectives :-

1. To know the concept of Java Programming.
2. To understand how to use programming in day to day applications.

3. To develop programming logic.

Outcomes:

1. Students will know the concepts of JDBC Programming.
2. Students will know the concepts of Multithreading and Socket Programming.
3. Students will know the concepts of Spring and Hibernate.
4. Students will develop the project by using JSP and JDBC.
5. Students will develop applications in Spring and hibernate.

Sr. No	Topic	Number Of Lectures
1.	JDBC 1.1 Introduction 1.2 JDBC Architecture. 1.3 JDBC Process 1.4 Working with ResultSet Interface.	8
2	Multithreading: 2.1 Introduction to Multithreading. 2.2 Thread creation: Thread Class, Runnable Interface. 2.3 Life cycle of Thread. 2.4 Thread Priority. 2.5 Execution of Thread Application. 2.6 Synchronization and Interthread communication.	12
3	Networking: 3.1 Overview of Networking. 3.2 Networking Basics: Port Number, Protocols and classes. 3.3 Sockets, Reading from and Writing to a Socket.	5
4	Servlet and JSP 4.1 Introduction to Servlet 4.2 Types of Servlet: Generic Servlet and Http Servlet 4.3 Life cycle of servlet 4.4 Session Tracking. 4.5 Servlet with database. JSP 4.6 Introduction to JSP. 4.7 JSP Life Cycle. 4.8 Components of JSP. 4.9 JSP with Database.	12
5	Spring & Hibernate Spring: 5.1 Introduction 5.2 Applications and Benefits of spring 5.3 Architecture and Environment Setup 5.4 Hello World Example 5.5 Core Spring- IoC Containers, Spring Bean Definition, Scope, Lifecycle Hibernate 5.6 Architecture and Environment 5.7 Configuration, Sessions, Persistent Class 5.8 Mapping Files, Mapping Types 5.9 Examples	11

Reference Books:

1. The Complete Reference – JAVA Herbert Schildt
2. Professional Hibernate, by Eric Pugh, Joseph D. Gradecki by Wiley Publishing, Inc., ISBN: 0- 7645-7677-1
3. Spring In Action, Craig Walls, Ryan Breidenbach, Manning Publishing Co., ISBN: 1-932394- 35-4
4. Head First Servlets and JSP: Passing the Sun Certified Web Component Developer Exam -2nd Edition-Bryan Basham, Kathy Sierra, Bert Bates- O'REILLY.

Savitribai Phule Pune University

T.Y.B.B.A.(C.A.) Sem-VI (CBCS 2019 Pattern)

Subject Code: CA-604

Subject: Android Programming

Total Hours: 48

Total Credits: 3

Pre-requisite:

1. Concepts of OOP's.
2. Basic Knowledge About JAVA Programming

Objective:

1. To understand the Android Operating System and develop applications using Google's Android open-source platform.
2. To understand the issues relating to Wireless applications.

Outcome:

1. Student will be able to write simple GUI applications, use built-in widgets and components, work with the database to store data locally, and much more.
2. Demonstrate their understanding of the fundamentals of Android operating systems
Demonstrate their skills of using Android software development tools

Unit	Topic	No. of lectures
1	INTRODUCTION TO Android Programming 1.1 What is Android? 1.2 History and Versions 1.3 Android Architecture 1.4 Basic Building Blocks 1.5 Android API Levels 1.6 Application Structure 1.7 First Hello World Program	04
2	ACTIVITY, INTENT AND LAYOUT 2.1 Introduction to Activity 2.2 Activity life cycle 2.3 Introduction to Intent 2.4 Types of Intent(Implicit and Explicit Intent) 2.5 Layout Manager 2.5.1View and View Group 2.5.2 Linear Layout 2.5.3 Relative Layout 2.5.4 Table Layout 2.5.5 Grid Layout 2.5.6 Constraint Layout 2.5.7 Frame Layout 2.5.8 Scroll Layout	07
3	BASIC UI DESIGN 3.1 Button(Push Button, Check Box, Radio Button, Toggle Button, Image Button) 3.2 Text Fields 3.3 Spinner 3.4 List View 3.5 Toast 3.6 Scroll View 3.6 ProgressBar View 3.7 Auto Complete Text View 3.8 Dialog Box 3.8.1 Alert Dialog. 3.8.2 DatePicker Dialog. 3.8.3 TimePicker Dialog. 3.8.4 Custom Dialog.	10
4	ADAPTER AND MENU 4.1 Base Adapter 4.2 Array Adapter 4.3 ListView using Adapter 4.4GridView using Adapter 4.5Photo Gallery using Adapter	05

	4.6 Using Menu with Views 4.6.1 Option Menu 4.5.2 Context Menu 4.5.3 Popup Menu	
5	THREADS AND NOTIFICATION 5.1 Worker thread 5.2 Handlers & Runnable 5.3 AsyncTask (in detail) 5.4 Broadcast Receiver 5.5 Services 5.5.1 Service life Cycle 5.5.2 Bounded Service 5.5.2 Unbounded Service 5.6 Notification 5.7 Alarm 5.8 Accessing Phone services(Call,SMS)	06
6	CONTENT PROVIDER 6.1 Content Providers 6.2 SQLite Programming 6.3 SQLiteOpenHelper 6.4 SQLiteDatabase 6.5 Cursor 6.6 Searching for content 6.7 Adding, changing, and removing content 6.8 Building and executing queries 6.9 Android JSON	08
7	LOCATION BASED SERVICES AND GOOGLE MAP 7.1 Display Google Maps 7.1.1 Creating the project 7.1.2 Obtaining the Maps API Key 7.1.3 Displaying the Map 7.1.4 Displaying the Zoom Control 7.1.5 Changing Views 7.1.6 Navigating to a specific location 7.1.7 Adding Markers 7.1.8 Getting the location that was touched 7.1.9 Geocoding and Reverse Geocoding 7.2. Getting Location Data 7.3. Monitoring a Location	08
Total Lectures		48

Reference Books:

1. Beginning Android4 Application Development, By Wei-Meng Lee WILEY India Edition WROX Publication
2. Professional Android 4 Application Development, By Reto Meier WROX Publication
3. The official site for Android developers - <https://developer.android.com>

Savitribai Phule Pune University
T.Y.B.B.A.(C.A.) Sem-VI (CBCS 2019 Pattern)
Subject Code: CA-604
Subject: Dot Net Framework

Total Hours: 48

Total Credits: 3

Course Prerequisites:

Student should have basic knowledge of:

- Visual Basic
- HTML
- Object Oriented concepts
- Ms-Access, Mysql, SQL Server

Course Objectives:

- To learn Microsoft framework architecture.
- Understand development of windows application.
- To learn data access mechanism.
- Create and consume libraries.
- Create a web application.
- To develop the website and application.

Course Outcome:

- Use the features of Dot Net Framework along with the features of VB, C# and ASP
- Design and develop window based and web based .NET applications.
- Design and develop a Website.
- Design and Implement database connectivity using ADO.NET for VB, C# and ASP.

Sr.No	Chapter Name	No.of Lectures
1	Introduction to DOT NET FRAMEWORK 1.1 What is Framework? 1.2 Architecture of Dot Net Framework 1.2.1 Common Language Runtime 1.2.2 Common Type System(CTS) 1.2.3 Common Language Specification(CLS) 1.2.3 JIT Compilers 1.2.3 Base Class Library 1.3 IDE (Integrated Development Environment) 1.4 Event Driven Programming	5
2	Introduction to VB.Net 2.1 Basics of VB.Net 2.1.1 Operators 2.1.2 Data Types 2.1.3 Control Structures 2.2 Build Windows Applications 2.2.1 Controls: Form, TextBox, Button, Label, CheckBox, ListBox, ComboBox, RadioButton, DateTimePicker, MonthCalender, Timer, Progressbar, Scrollbar, PictureBox, ImageBox, ImageList, TreeView, ListView, Toolbar, StatusBar, Datagridview 2.2.2 Menus and PopUp Menu 2.2.3 Predefined Dialog controls: Color, Save, File, Open, Font 2.2.4 DialogBox - InputBox(), MessageBox, MsgBox()	11
3	Introduction to C# 3.1 Language Fundamentals 3.1.1 Data type and Control Constructs 3.1.2 Value and Reference Types, Boxing 3.1.3 Arrays 3.1.4 String class and its various operations 3.1.5 Functions 3.2 Object Oriented Concepts 3.2.1 Defining classes and Objects	12

	3.2.2 Access modifiers 3.2.3 Constructors 3.2.4 Inheritance 3.2.5 Interface 3.2.6 Abstract Class 3.2.7 Method Overloading and Overriding 3.2.8 Delegates	
4	Introduction to ASP.NET 4.1 What is ASP.NET? 4.2 ASP.NET Page Life Cycle 4.3 Architecture of ASP.NET 4.4 Forms, WebPages, HTML forms, 4.5 Request & Response in Non-ASP.NET pages 4.6 Using ASP.NET Server Controls 4.7 Overview of Control structures 4.8 Functions 4.9 HTML events 4.9.1 ASP.NET Web control events 4.9.2 Event driven programming and postback 4.10 Introduction to Web forms 4.10.1 Web Controls 4.10.2 Server Controls 4.10.3 Client Controls 4.10.4 Navigation Controls 4.10.5 Validations 4.10.6 Master Page 4.10.7 State Management Techniques	10
5	Architecture of Ado.Net 5.1 Basics of Ado.net 5.1.1 Connection Object 5.1.2 Command Object 5.1.3 Dataset 5.1.4 Data Table 5.1.5 Data Reader Object 5.1.6 Data Adapter Object 5.2 Datagridview & Data Binding: Insert, Update, Delete records 5.3 Navigation Using Data Source	10
Total		48

Reference Books:

- Beginning Visual C#, Wrox Publication
- **Beginning ASP.NET 3.5**, Wrox Publication
- **Programming ASP.NET 3.5** by Jesse Liberty, Dan Maharry, Dan Hurwitz, O'Reilly
- Programming Microsoft Visual Basic .NET – Francesco Balena
- The Complete Reference - Visual Basic .NET – Jeffrey R. Shapiro
- ADO.NET Examples and Best Practices for C# Programmers, By Peter D, Blackburn, William
- VB.NET database programming with ADO.NET - Anne Prince and Doug Lowe

**Savitribai Phule Pune University
T.Y.B.B.A.(C.A.) Semester-VI
Subject: Project
Course Code : DSE– 605
Total Credits: 04**

For the evaluation / conduction of project separate guidelines will be provided.

T.Y.B.B.A.(C.A.) Semester-VI
Subject: Computer Laboratory Based on 603 and 604(2 credits each)
Course Code: 606
Total Credits: 04

For the conduction of practical's, Practical Assignments are given in the Lab book.

Savitribai Phule Pune University
T.Y.B.B.A.(C.A.) Semester-VI
Subject: Soft Skill
Course Code : CA – 607

Total Hours: 30

Credit:02

Prerequisite:

1. Basic Writing Skills in English including grammar.
2. Basic knowledge in communication and a good understanding of English.
3. Ready to adhere the new techniques.

Objectives:

1. It helps participants to communicate effectively and to carry themselves confidently.
2. They also learn how to identify and overcome the barriers in interpersonal relationships.

3. To improve oral and written communication, teamwork, leadership, problem-solving and decision-making skills, to gain best results.
4. This course is useful for landing a great job, building a career and also finding employment as soft skills trainers.

Outcomes:

1. Understand the significance and essence of a wide range of soft skills
2. Learn how to apply soft skills in a wide range of routine social and professional settings.
3. Learn how to employ soft skills to improve interpersonal relationships.
4. Learn how to employ soft skills to enhance employability and ensure workplace and career success.

Unit	Topics	No. of Lectures
1	Introduction to Soft Skills 1.1 An Introduction to Soft skill - 1.1.1 Definition and Significance of Soft Skills 1.1.2 Soft skill Process 1.1.3 Uses of Soft Skill Development.	02
2	Communication Skills 2.1 Introduction - Components of communication process, Communication process , Effective communication process. 2.2 Types of communication – 2.2.1 Verbal Communication – • Punctuation • Meaning & opposites , vocabulary • Real Life conversations 2.2.2 Non – Verbal Communication - • Facial Expression , Posture , Gesture , Eye contact • appearance (dress code) , Body Language, listening skills • essential formal writing skills	04
3	Skills Development 3.1 Interview Skills – Interviewer and Interviewee – in-depth perspectives. Before, During and After the Interview. Tips for Success. 3.2 Presentation Skills - Types, Content, Audience Analysis, Essential Tips Before, During and After, Overcoming Nervousness. 3.3 Etiquette and Manners - Social and Business 3.4 Time Management - Concept, Essentials, Tips 3.5 Personality Development - Meaning, Nature, Features,	05

	Stages, Models, Learning Skills, Adaptability Skills.	
4	Skill Implementation 4.1 Resume writing – 4.1.1 How to write your resume. • Contact details. • Opening statement. • List of key skills. • List of technical/software skills. • Personal attributes/career overview. • Educational qualifications. • Employment history /volunteering/work placements. • References/referees. 4.1.2 Types of resume 4.2 Group Discussion - Importance, Planning, Elements, and Skills assessed, Effectively disagreeing, Initiating, Summarizing and Attaining the Objective. 4.3 Teamwork and Leadership Skills - Concept of Teams, Building effective teams, Concept of Leadership and honing Leadership skills , A Good Leader, Leaders and Managers , Types of Leaders , Leadership Behaviour.	04
Total		15
Practical Please Refer Lab Book		15

Reference Books :

1. Managing Soft Skills for Personality Development – edited by B.N.Ghosh, McGraw Hill India, 2012.
2. English and Soft Skills – S.P.Dhanavel, Orient Blackswan India, 2010.
3. Soft skills Training – A workbook to develop skills for employment by Fredrick H. Wentz .
4. Personality Development and Soft skills, Oxford University Press by Barun K. Mitra
5. The Time Trap : the Classic book on Time Management by R. Alec Mackenzie

Savitribai Phule Pune University, Pune

Under the Faculty of Humanities

Structure of Choice Based Credit System for Undergraduate Programme to be implemented from Academic Year 2020-2021

Subject- History

Semester	Core Courses (CC)	Ability Enhancement Compulsory Course (AEC)	Skill Enhancement Courses (SEC)	Discipline Specific Elective Courses (DSE)
III	CC-1(3) History of the Marathas: (1630-1707)		Any One Choose SEC -2 A (2) 1.Bhrahmi Script OR 2.Art &Architecture in Early India OR 3.Digital Documentation OR 4.Tourism Management	DSE-1A (3) 1.Medieval India - Sultanate Period
				Any One Choose DSE-2A (3) 2.Glimpses of the Modern World - Part I OR 3. History of East Asia
IV	CC-2(3) History of the Marathas: (1707-1818)		Any One Choose SEC -2 B (2) 5.Modi Script OR 6.Medieval Indian, Art &Architecture OR 7.Popular Indian Culture OR 8.Travel Agency & Tour Business	DSE-1B (3) 4.Medieval India: Mughal Period
				DSE-2B (3) 5. Glimpses of the Modern World - Part II OR 6. History of West Asia

Exam Pattern

1.Exam Pattern of Core Courses (CC) and Discipline Specific Elective Courses (DSE)will be as follow

Mark Distribution	
University Semester Exam	70
Internal Assessment	30
Total	100

2.Exam Pattern of Skill Enhancement Courses (SEC) will be held as per notification of university

3. Guideline for University Semester Exam

University Semester Exam			
Sr. No.	Question No.	Distribution of Marks	Total
1	Que.1	15	
2	Que.2	15	
3	Que.3	20	
4	Que.4	20	
Total	4	70	70

3. Pattern of Question paper for End of Semester Examination for Semester

Duration: 3 Hours	Maximum Marks:70
Number of Questions: Four	
Q.1: Answer the following questions in 300 words any one out of two	15
Q.2: Answer the following questions in 300 words any one out of two	15
Q.3: Answer the following questions in 200 words any two out of Four	20
Q.4: Short note any Four out of Six	20
Total Marks	70

4. Guideline for Internal Assessment

1	Written Test	20	30
2	Assignment/ Project/Group Discussion/Study visit	10	

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for S.Y.B.A. (Credit System) from the academic Year 2020-21

Under the Faculty of Humanities

Core Course-I (CC- 1C)

Semester -III-History of the Marathas: (1630-1707)

Learning Objectives:

1. To introduce the students to the regional history of medieval Maharashtra and India.
2. To study political, social and conceptual history of the Marathas in an analytical way with the help of primary sources.
3. To evaluate contribution of Chhatrapati Shivaji Maharaj to the establishment of Swarajya, contribution of successors and later development of the Maratha kingdom.
4. To study administrative Institutions of the Maratha.

Learning Outcome:

1. Student will develop the ability to analyse sources for Maratha History.
2. Student will learn significance of regional history and political foundation of the region.
3. It will enhance their perception of 17th century Maharashtra and India in context of Maratha history.
4. Appreciate the skills of leadership and the administrative system of the Marathas.

Pedagogy: Lectures/Visual presentation/ Role play/ Critical analysis/Assignments/Tests/Quiz/e-learning

Unit-I: Sources and Rise of the Maratha Power

12

- a) Literary Sources: Marathi and Foreign Sources (Portuguese, English, French)
- b) Background of the rise of Maratha Power
- c) Shahaji Raje, Rajmata Jijabai and Early Life of Chhatrapati Shivaji Maharaj

Unit-II: Foundation of Swarajya to the Coronation, Karnataka Expedition

- a) Relations with Adilshahi: Javali and Afzal Khan episode and its importance
- b) Relations with Mughals: Campaign of Shayasta Khan, Sack of Surat, expedition of Jaisingh, Visit to Agra
- c) Coronation and Karnataka Expedition

Unit-III: Administration under Chhatrapati Shivaji Maharaj

08

- a) Military
- b) Civil

- a) Chhatrapati Sambhaji Maharaj: Consolidation of power, Relations with Mughals.
- b) Chhatrapati Rajaram Maharaj, Maharani Tarabai and Mughals
- c) SantajiGhorpade, Dhanaji Jadhav and RamchandrapantAmatya

Reference Books: English

1. Apte B.K., A History of the Maratha Navy and Merchant Ships, State Board for Literature and Culture, Bombay, 1973.
2. Apte B. K., ed. Chatrapati: Shivaji's Coronation Tercentenary Commemoration. Bombay: University of Bombay, 1974-75.
3. Bakshi, S. R. & Sharma, Sri Kant, The Great Marathas – 5, Marathas: The Administrative System, Deep & Deep Publications Pvt. Ltd., New Delhi, 2000.
6. Chitnis, K.N., Glimpses of Medieval Indian Ideas & Institutions, 2nd edition, Mrs. R K Chitnis, Pune, 1981.
7. Chitnis, K. N., Glimpses of Maratha Socio- Economic History, Atlantic Publishers & Distributors, New Delhi, 1994.
4. Choksey, R.D., Economic Life in Bombay Deccan, Asia Publishing House, Mumbai, 1955.
5. Deshmukh, R.G., History of Marathas, Nimesh Agencies, Bombay, 1993.
8. Duff, James Grant, History of Mahrattas, Vol. I and Vol. II, R. Cambray & Co., Calcutta, 1912.
9. Fukazawa, Hiroshi, The Medieval Deccan – Peasants, Social Systems and States – Sixteenth to Eighteenth Centuries, Oxford University Press, New Delhi, 1991
10. Gordon, Stewart, The New Cambridge History of India, The Marathas, Cambridge University Press, New Delhi, 1998.
11. Gune, Vithal Trimbak, The Judicial System of the Marathas, Deccan College, Pune, 1953
12. Kulkarni, A. R., Maharashtra in the Age of Shivaji, Deshmukh & Co., Poona, 1969.
13. Kulkarni, A. R., Maharashtra: Society and Culture, Books and Books, New Delhi, 2000.
14. Kumar, Raj (ed.), Maratha Military Systems, Commonwealth Publishers, New Delhi, 2004.
15. Mahajan, T. T., Aspects of Agrarian and Urban History of The Marathas, Commonwealth Publishers, New Delhi, 1991.
16. Nadkarni, R.V., The Rise and Fall of the Maratha Empire, Popular Prakashan, Poona, 1966
17. Pagadi Setu Madhavrao, Chhatrapati Shivaji, Continental Prakashan, Pune, 1974
18. Ranade, M.G., Rise of the Maratha Power, University of Bombay, 1961.
19. Sardesai, G.S., The Main Currents of Maratha History, Phoenix Publications, Bombay, 1959.
20. Sardesai, G.S., The New History of the Marathas, Vol I: Shivaji and his Times, Phoenix Publications, Bombay, 1971
21. Sarkar, Jadunath, Shivaji and His Times, 6th edition, Sarkar & sons, 1973.
22. Sarkar, Jadunath, House of Shivaji, Orient Longman, Bombay, 1978.
23. Sen, Surendranath, Administrative System of the Marathas, K.P. Bagchi & Company, Calcutta, 1923.
24. Sen, Surendranath, The Military System of the Marathas, Orient Longmans, Calcutta, 1958.

25. Sen, Surendranath, Administrative System of the Marathas, K.P. Bagchi & Company, Calcutta, 1923.
26. Sherwani, H. K. and Joshi P. M. History of Medieval Deccan. 2 Vols. Hyderabad: Govt. of Andhra Pradesh, 1973.

संदर्भ: मराठी

1. आत्रे त्रिं. ना. गावगाडा, गोखले इन्स्टिट्यूट, पुणे, १९६२ (प्रथमावृत्ती १९११)
2. आपटे द.वी आणि न. चिं केळकर (संपा.) शिवकालीन पत्रसार संग्रह, खंड १
3. कुलकर्णी अ. रा., शिवकालीन महाराष्ट्र, शिवाजी विद्यापीठ प्रकाशन, कोल्हापूर, १९७८
4. ग.ह. खरे आणि कुलकर्णी अ. रा. (संपा.) मराठ्यांचा इतिहास, खंड १, २ आणि ३, कॉन्टिनेन्टल, पुणे, खंड १: १९८४, खंड २: १९८५, खंड ३: १९८६
5. ५.गर्गे स. मा., इतिहासाची साधने- एक शोधयात्रा, पॉप्युलर प्रकाशन, मुंबई
6. गायकवाड बी. डी., सरदेसाई, थोरात, हणमने, मराठेकालीन संस्था व विचार, फडके प्रकाशन, कोल्हापूर, १९८७
7. जोशी एस. एन., मराठेकालीन समाजदर्शन, अ. वि. गृह प्रकाशन, पुणे १९६०
8. जोशी एस. एन., अर्वाचीन महाराष्ट्रेतिहासकालातील राज्यकारभाराचा अभ्यास १६००-१६८०, खंड -१, पुणे विद्यापीठ प्रकाशन, पुणे, १९५९.
9. जोशी एस. एन. आणि भिंगारे एल. एन. (संपा.) आज्ञापत्र आणि राजनीती, पुणे, १९६०
10. जोशी एस. एन. (संपा.) छत्रपती शिवाजी राजे यांची बखर, चित्रशाळा, पुणे, १९६०
11. देशमुख शारदा, शिवकालीन व पेशवेकालीन स्त्रीजीवन, टिळक महाराष्ट्र विद्यापीठ, पुणे, १९७३
12. भावे वा. कृ., शिवराज्य व शिवकाल, पुणे, १९५७
13. भट भास्कर वामन, महाराष्ट्र धर्म अर्थात मराठ्यांच्या इतिहासाचे आत्मिक स्वरूप, महाराष्ट्रधर्म ग्रंथमाला, ग्रंथ चवथा, धुळे, १९२५, (१८४७)
14. मेहेंदळे गजानन, श्री. राजे शिवछत्रपती, खंड १-भाग १, खंड २, 'मेहेंदळे, पुणे, १९९९
15. शेजवलकर टी. एस., श्री शिवछत्रपती- प्रस्तावना, आराखडा व साधने, मराठा मंदीर प्रकाशन, 'मुंबई, १९६४
16. सरदार गं. बा., संतवाङ्माची सामाजिक फलश्रुती, श्री विद्या प्रकाशन, पुणे, १९८२
17. हेरवाडकर आर. व्ही., मराठी बखर, व्हीनस प्रकाशन, मुंबई, १९८६
18. सरदेसाई गो.स., मराठी रियासती, खंड १ ते ८, पॉप्युलर प्रकाशन, मुंबई

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for S.Y.B.A. (Credit System) from the academic Year 2020-21
Under the Faculty of Humanities
Discipline Specific Elective Course (DSE-1A)
Semester -III-Medieval India - Sultanate Period

Course objectives:

1. Demonstrate thinking skills by analyzing, synthesizing, and evaluating historical information from multiple sources.
2. Develop the ability to distinguish between fact and fiction while understanding that there is no one historical truth.
3. To Learn foundation of Delhi Sultanate and Sultanate Administration.
4. To understand the socio, economic condition of Delhi Sultanate

Course outcome:

1. Provides examples of sources used to study various periods in history.
2. Relates key historical developments during medieval period occurring in one place with another.
3. Analyses socio - political and economic changes during medieval period
4. Estimate the foreign invasion and the achievement of rulers

Pedagogy: Lectures/Visual presentation/ Role play/ Critical analysis/Assignments/ Tests/Quiz/Maps./Field visit/ Group Discussion/ Seminar /use of e-learning

Unit I: Foundation of the Delhi Sultanate **12**

- a) Sources of Historiography of Sultanate Period
- b) Invasions of Muhammad Ghori
- c) Foundation of Delhi Sultanate: Qutbuddin Aibak

Unit II: The early Sultans of Delhi and their contributions **10**

- a) Iltutmish
- b) Raziyya
- c) Balban

Unit III: Expansion of Sultanate **16**

- a) Alauddin Khalji: Expansion and Administrative Reforms
- b) Experiments of Muhammad-Bin-Tughlaq, Firuz Tughlaq: Administrative Reforms.
- c) The Saiyyids, the Lodis and the decline of the sultanate.

Unit IV: Kingdoms of Vijayanagar and Bahamani **10**

- a) Rise of Vijayanagar Empire: Harihar, Bukka, Krishnadevray

- b) The Emergence and expansion of the Bahamani Kingdom: Contribution of MuhmudGawan
- c) Disintegration of Bahamani Kingdom

Books for Study: English

1. Banerjee A.C., New History of Medieval India, New Delhi, S.Chand & Co., New Delhi, 1990.
2. Chitnis K.N., Glimpses of Medieval Indian and Institutions, Poona, 1981.
3. Chitnis K.N., Socio-Economic History of Medieval India, Atlantic Publishers and Distributors, New Delhi, 1990.
4. Chopra P.N., Puri B.N., Das M.N.-A Social, Cultural and Economic History of India, Vol II. Macmillan India, Delhi, 1974.
5. Lane Poole Stanley, Medieval India, London, 1910
6. Majumdar R.C (ed), The History and Culture of the Indian People, Vol VI: The Delhi Sultanate, Bombay, 1967, Vol VII: The Moghul Empire, Bombay, 1974.
7. Mehta J.L., Advanced Study in the History of Medieval India Vol III, New Delhi sterling Publishers, 1983.
8. Pandey A.B., Early Medieval India, Central Book Depot, Allahabad, 1970
9. Prasad Ishwari, History of Medieval India, Allahabad, 1952.
10. Raychaudhuri T, Irfan Habib (ed) The Cambridge Economic History of India, London, 1982.
11. Rizvi S.A., The Wonder that Was India, South Asia Books, 1996.
12. Salma Ahmed Farooqui, A Comprehensive History of Medieval India, Pearson, New Delhi, 2011
13. Satish Chandra, History of Medieval India, orient Black Swan, 2007.
14. Sherwani H. K. and Joshi P.H. (ed) - History of Medieval Deccan (1295 - 1724 AD) Vol I, Hyderabad, 1973, Vol II, Hyderabad, 1974.
15. Srivastava A. L The Sultanate of Delhi (711 – 1526 AD), Agra, 1974.
16. Mehta J.L., Advanced study in the history of medieval India, sterling Publishers Pvt.Ltd.
17. Singh Meera, Medieval History of India, Vikas Publishing House Pvt.Ltd.
18. Mukhia Harbans, Perspectives on medieval history, Vikas Publishing House Pvt.Ltd.
19. Tarachand, Influence of Islam on Indian Culture, Delhi.
20. Mahajan V.D. History of India, Madras
21. Irfan Habib, Delhi Sultanate
22. Percy Brown - Art & Architecture, Islamic Architecture
23. Farooqui, A Comprehensive History of Medieval India, Pearson, Delhi.

Marathi:

1. Dr. Muhammad Ajam, Sufi Tatwadnyan : SwaproopAani Chintan, Padmagandha.
2. Chitnis K.N., MadhyayuginBharatiyaSankalpanava Sanstha Bhag 1 te 4, Allrich Enterprises, Mumbai
3. Kulkarni V.V., Nevaskar Ashok MadhyayuginBharatachaItihas A.D.1206 te 1658, Vidya Prakashan, Nagpur.
4. Phadnaik Chandrashekhar, PrachinvaMadhyayugin Bharat, Vidya Prakashan, Nagpur.
5. Bhide Gajanan, Nalavade Vijay, Naiknavare, Madhyayugin Bharat, PhadakePrakashan, Kolhapur.
6. Sardesai G.S., MusalmaniRiyasat, Popular Prakashan, Mumbai.
7. Mate M.S., Chavan Kamal, MadhyayuginKalabharati, Continental Prakashan, Pune.
8. Athaley Vibha, PrachinvaMadhyayugin Bharat.
9. Chandra Satish, Madhyayugin Bharat, Jawahar Publishers, New Delhi.
10. Dr. Kathare Anil, MadhyayuginBharatachaItihas, Prashant Publications, Jalgaon,2013
11. Acharya Apte, Madhyayugin Bharat.

Hindi:

1. Irfan Habib (Sampa.), Madhyakalin Bharat, Ank 1 te 5, RajkamalPrakashan, New Delhi.
2. Irfan Habib(Sampa.), MadhyaKalin Bharat, Ank 2, RajkamalPrakashan, New Delhi.
3. Irfan Habib(Sampa.), MadhyaKalin Bharat, Ank 3, RajkamalPrakashan, New Delhi
4. Irfan Habib(Sampa.), MadhyaKalin Bharat, Ank 4, RajkamalPrakashan, New Delhi
5. Irfan Habib(Sampa.), MadhyaKalin Bharat, Ank 2, RajkamalPrakashan, New Delhi
6. Varma Harishchandra (Sampa.), Madhyakalin Bharat, Bhag 1, Hindi MadhyamKaryanvay Nideshalaya, Delhi Vishwavidyala, Delhi.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for S.Y.B.A. (Credit System) from the academic Year 2020-21
Under the Faculty of Humanities
Discipline Specific Elective Course (DSE-2A)
Semester -III-Glimpses of the Modern World - Part I

Learning Objectives:

1. This paper is designed to introduce the students to the history of the Modern World with its socio-religious, political and economic developments.
2. It will enable students to study interesting historical developments in the countries other than India, which had a significant impact on almost all over the Modern World.
3. It will enable students to understand the significant impact of the modern concepts such as Renaissance, Nationalism, Communism, Imperialism, etc.
4. It will get students acquainted with the major revolutions, and political developments which led to the World War I and its consequences.

Learning Outcomes:

1. It will enable students to develop the overall understanding of the Modern World.
2. The students will get acquainted with the Renaissance, major political, socio-religious and economic developments during the Modern World.
3. It will enhance their perception of the history of the Modern World.
4. It will enable students to understand the significance of the intellectual, economic, political developments in the Modern World.

Pedagogy: Lectures/Visual presentation/ Role play/ Critical analysis/Assignments/Tests/Quiz/
e-learning

Unit I. The Modern Age	6
a) Renaissance - Background and Nature	
b) Religious Reforms Movement - Martin Luther King	
Unit II. The Age of Revolutions	14
a) The American Revolution - Causes and Consequences	
b) The French Revolution - Causes and Consequences	
c) The Industrial Revolution - Causes and Consequences	
Unit III. Nationalism	14
a) Unification of Italy	
b) Unification of Germany	
c) Japan - The Meiji Revolution	

- a) World War I - Causes and Consequences
- b) Paris Peace Settlement; League of Nations
- c) The Russian Revolution - Causes and Consequences

Reference Book:**ENGLISH**

1. Carr E.H., International Relations between the two World Wars.
2. Cornwall R.D.: World History in 20th Century, Longman, London, 1976.
3. Dev Arjun and Indira Dev, History of the World, Orient BlackSwan, Delhi, 2009.
4. Gooch V.P., History of Modern Europe.
5. Grant and Temperley, Europe in the 19th and 20 centuries.
6. Hazen, Modern Europe
7. Jain H. and K. Mathur, A History of the Modern World 1500 – 2000 A.D., Jain Prakashan Mandir, Jaipur, 2014.
8. Rao B.V., World History (3rd edition) from early time to AD 2000, New Dawn Press INC, V.S.A. U.K., India, 2006.

मराठी

- १ आचार्य धनंजय ., विसाव्या शतकातील जग , श्री साईनाथ प्रकाशन , नागपुर .
- २ कुलकर्णी ., देशपांडे , आधुनिक जगाचा इतिहास , (भाग १ व २ , स्नेहवर्धन प्रकाशन , पुणे .
- ३ कुलकर्णी ., फडके , आधुनिक युरोपचा इतिहास .
- ४ गो . कोलारकर शं ., आधुनिक युरोप .
- ५ गायकवाड ., कदम , थोरात , पाटील , आधुनिक जगाचा इतिहास .
- ६ जी. जोशी पी ., विसाव्या शतकातील जगाचा इतिहास , विद्या प्रकाशन , नागपुर .
- ७ वैद्य सुमन ., आधुनिक जग , साईनाथ प्रकाशन , नागपुर .
- ८ वैद्य सुमन ., कोठेकर शांता , आधुनिक जग , साईनाथ प्रकाशन , नागपुर .

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for S.Y.B.A. (Credit System) from the academic Year 2020-21
Under the Faculty of Humanities
Discipline Specific Elective Course (DSE-2A)
Semester -III - History of East Asia

Learning Objectives:

1. The course is designed to enable students to understand the history of Modern East Asia.
2. It will acquaint students with the notable events in contemporary Asia.
3. It will orient students to understand the economic transition in Asia during 20th century and the impact of all this on world politics.
4. It will enable students to understand the history of China and Japan.

Learning Outcomes:

1. It will enable students to develop the overall understanding of the Asian countries.
2. The students will get acquainted with the Communism in China & Imperialism of Japan.
3. It will enhance their perception of the developmental Policies of the Asian Countries.
4. It will enable students to understand the significance of China and Japan in the Modern World.

Pedagogy: Lectures/Visual presentation/ Role play/ Critical analysis/Assignments/Tests/Quiz/
e-learning

Unit I: China: From Nationalism towards Communism. 12

- a) Rise and Growth of Nationalism
- b) Yuan-ShiKai and Republic
- c) Chiang-Kai-Shek and National Government.
- d) Kuomintang-Communist Relation; Communist Revolution of 1949

Unit II: Development and Foreign Policy of Communist China. 12

- a) Agricultural Developments, Five Year Plan.
- b) Development in Science & Technology, Military
- c) Foreign Policy- India, and Taiwan

Unit III: Japanese Imperialism. 12

- a) Russia- Japan War (1904-05).
- b) Japan and the World War I.
- c) Washington Conference – Manchurian Crises.
- d) Japan and the World War II.

- a) General Mac Arthur and Reconstruction of Japan.
- b) Economic Development of Japan.
- c) Development in Science & Technology.

Reference Books

English

1. Bass Claud, Asia in The Modern World.
2. BernadL, Turkey Today, The Emergence of Modern Turkey.
3. Beasley W.G., The Modern History of Japan.
4. Buchana P.A., History of The Far East.
5. Choneaux, Jean – China – The Peoples Republic.
6. Fisher S.N., The Middle East.
7. North M., The History of Israel.

मराठी :

1. आंबेकर गो.वा .,आग्नेय आशियातील घडामोडी, साईनाथ प्रकाशन, नागपुर. .
2. देव प्रभाकर ,आधुनिक चीनचा इतिहास (१८४०-१९५०)विद्या प्रकाशन, नागपुर.
3. देव पुजारी ,पूर्व आशियाचा इतिहास – चीन व जपान, मंगेश प्रकाशन, नागपुर. .
4. गद्रे प्रभाकर , जपानचा इतिहासविद्या प्रकाशन, नागपुर..
5. गाठाळ साहेबराव ,आग्नेय आशियाचा इतिहासतीरूपति प्रकाशन, परभणि.
6. कुलकर्णी,देशपांडे ,आधुनिक जगाचा इतिहास ,(भाग १ व २),स्नेहवर्धन प्रकाशन ,पुणे ..
7. गाठाळ एस .एस – आधुनिक चीनचा इतिहास (१८४० ते १९५०) तीरूपति प्रकाशन, परभणि.

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for SYBA (Credit System) from the Academic Year 2020-2021

Under the Faculty of Humanities

Skill Enhancement Courses (SEC 2 A) – (2 Credits)

Notes:

1. The University Grants Commission has made it compulsory for students to earn two credits from a Skill Enhancement Course (SEC) in each semester second year onwards.
2. It is mandatory for the student to complete one Skill Enhancement Course (SEC) in each semester from Semester III to Semester VI.
3. It must be noted that student has to choose any one of the four Skill Enhancement Courses (SEC) for each Semester.
4. Each Skill Enhancement Course (SEC) will have two (2) credits only.

Skill Enhancement Course (SEC-1A) – (2 Credits)

Semester III- 1) Brahmi Script

Course Objectives:

1. This paper is designed to introduce the students to the Brahmi Script, which is essential to understand the history of Early India.
2. It will enable students to read and understand the Brahmi Script and thus they will be able to
3. unfold Early Indian History.
4. It will get students acquainted with the primary sources such as Ashokan Pillars, some of the Buddhist texts, written in Brahmi script.

Course Outcome:

1. Students will learn to understand the Brahmi Script so as to understand important sources of the history of Early India.
2. They will be able to read and understand the Brahmi Script.
3. They will have an overall understanding of the history of Early India.

Course Content:

Unit. I Brahmi Script Introduction

- a) Difference between Language & Script.
- b) History of Brahmi script.
- c) Importance of Script

Unit. II Brahmi Script

- a) Vowels
- b) Consonant
- c) Numbers

Unit.III Types of Brahmi -

Variations of strokes in various period

- a) Ashokan (Maurya)
- b) Satavahana
- c) Kushana, Shaka
- d) Gupta etc.

Unit IV. Types of inscription -Rock cut Inscriptions

- a) Copperplate
- b) Coins
- c) Manuscripts etc.

Unit V.Research Opportunities

References:

1. Prachin Bharatiy Lipimala, Ozha Gaurishankar H. Munshiram Manoharlaal Publi., New Delhi, 1918, 1971
2. The Paleography of India, Ozha Gaurishankar H. Munshiram Manoharlaal Publi., New Delhi, 1918, 1971
3. Prachin Lipiyoki Kahani, Guanakar Mule, Rajakamal Publi. New Delhi., 1974
4. Sindhulipi Evam Bharat ki Anya lipiya, Padmakar Mishra, Sanpurnanand Sanskrut Visvavidyalaya, Varanasi,
5. 2002
6. Bharatiya Puralipi Vidya, Author- Dinesh Chandra Sarkar, translated by Krushnadatta Vajpayi,
7. Vidyanidhi Pub. New Delhi, 1996
8. Bharatiya Puralipi, Rajbali Pandey, Lokbharati Publi. Allahabad, 1991
9. Bharatiya Puralipi evam Abhilekh, Rai S.N. Allahabad, 1997

10. Samrat Ashok ke Abhilkekh, VipashyanaVishodhanVinyaas, Dhammagiri, Igatpuri, 2013
11. Bharatiya Puralipi Shastra, George Bulher, translated by Mangalnath Singh, Motilal Banarasidas, Varanasi,
12. 2009
13. History of Paleography of Mauryan Brahmi, Navnalanda Mahavir, Nalanda, 2002
14. Epigraphia of Indica, A.S.I. Janpatha, New Delhi. Vol. XXIV, 1820-1838
15. Edicts of King Ashok, Talim Meena, Aryan Books International, New Delhi, 2010
16. Inscription of Ashok, Rastogi Naresh P. ChowkhambaSanskriti series Office, Varanasi, 1999
17. Maharashtrachya Itihasache Sakshidar, Bhalerao Manjiri & Rayarikar Kalpana, Diamond Pub Pune, 2009-10
18. Iyam Dhamma Lipi, Dash Anirvan, Bauddha sahitya prasarak Mandal, Nashik, 2016
19. Purabhilekh Vidya, Gokhale Shobhna, Continental Publ. Pune, 1975,2007
20. 17. Satvahana va Pashchimi Kshatrpa yancha Itihas Ani Lekh, Mirashi V. V. Maharashtra Rajya Sahitya va Sanskruti Mandal, Mumbai,

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for SYBA (Credit System) from the Academic Year 2020-2021

Under the Faculty of Humanities

Skill Enhancement Courses (SEC 2 A) – (2 Credits)

Semester III- 2) Art and Architecture of Early India (From 3000 B.C. to 12th Century A.D.)

Course Objectives:

1. This paper is designed to introduce the students to the emergence and development of art and architecture in early India.
2. It will enable students to understand the process of development of art and architecture in the early Indian history on the socio-religious and economic background.
3. It will get students acquainted with the emergence and changes in the styles of the art and architecture during the early India up to the 6th century B.C.E.

Course Outcome:

1. Students will get an overall understanding of the emergence and development of the art and architecture in Early India.
2. They will understand the emergence of the Pottery, Terracotta figures, Ornaments, Town Planning, preparation of seals and coins.
3. They will have an understanding of the art and architecture in early India.

Course Content:

Unit I Pre-Mauryan and Mauryan Art and Architecture

- a) The Indus Valley: Urban Planning, Great Bath, Seals, Dancing Girl
- b) Mauryan Period: Stupa, Ashokan Pillars, Caves, Pottery, Coins

Unit II Post-Mauryan Art and Architecture

- a) Rock-Cut Architecture
- b) Stupas, Chaityas, Vihars and Temples

Unit III Gupta and Harsha's Times

- a) Gandhar Style
- b) Mathura Style
- c) Temples

Unit IV Chalukyas, Cholas, Pratihars, Pals and Rashtrakuta Times

- a) Rock-Cut Architecture: Ajanta, Ellora
- b) Temple Architecture: Nagar Style, Dravid Style.

References:

1. Acharya, Prasanna Kumar, Ed. *An Encyclopedia of Hindu Architecture: Manasara Series, Vol, VII*, Bombay, 1946.
2. Bhattacharya, Tarapada, *The Canon of Indian Art or A Study of Vastuvidya*, Calcutta., 1963.
3. Brown, Percy, *Indian Architecture, 2 Vols.*, Bombay, 1959.
4. Dutt, B. B. *Town planning in Ancient India*, Delhi, 1929.
5. Fergusson, J. *History of Indian and Eastern Architecture, 2 Vols*, Delhi, 1967.
6. Gangoly, O. C. *Indian Architecture*, Bombay, 1946.
7. Govt. of India Publications Division, *5000 Years of Indian Architecture*, Delhi, 1960.
8. Havell, E. B. *Indian Architecture*, New Delhi, 1972,
9. Havell, E. B. *The Ancient and Medieval Architecture of India: A Study of Indo- Aryan Civilisation*, New Delhi, 1972.
10. Kramrisch, Stella, *The Hindu Temple, 2 Vols.*, Delhi, 1980.
11. Nilsson, Sten, *European Architecture in India, 1750-1850*, London, 1968.
12. Rowland, B. *Art and Architecture of India*, Baltimore, 1959.
13. Soundara Rajan, K. V. *Indian Temple – Styles: The Personality of Hindu Architecture*, New Delhi, 1972
14. Kramrisch, Stella, *The Hindu Temple, 2 Vols.*, Delhi, 1980.
15. Nilsson, Sten, *European Architecture in India, 1750-1850*, London, 1968.
16. Rowland, B. *Art and Architecture of India*, Baltimore, 1959.
17. Soundara Rajan, K. V. *Indian Temple – Styles: The Personality of Hindu Architecture*, New Delhi, 1972

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for SYBA (Credit System) from the Academic Year 2020-2021

Under the Faculty of Humanities

Skill Enhancement Courses (SEC-2 A) – (2 Credits)

Semester III -3)Digital Documentation

Course Objectives:

1. This paper is designed to introduce the students to the Digital Documentation.
2. It will enable students to prepare files in various formats; to scan photos, documents and to edit videos, images.
3. It will get students acquainted with the process of online archiving.

Course Outcome:

1. Students will get an overall understanding of the process of digital documentation.
2. They will learn to scan photos, documents and to edit videos, images.
3. They will be able to prepare documents in various digital formats.

Course Content:

Unit I Digital Document Creation

- a) File Formats and conversion
- b) Scanning any Physical Document
- c) Converting Text Image to Text File

Unit II Image and Video Editing

- a) Inserting Graphs, Charts, text into image
- b) Creating Flyers, audio books
- c) Trimming Video (at any ends)
- d) Sound editing of video (to mute, add sound, Music)
- e) Visual editing of Video (lights, content, slideshows)

Unit III Online Archiving

- a) Conceptual Understanding
- b) How Online Clouds work
- c) Data Security and Storage

Unit IV Internal Assessments

- a) Visiting a Historical Place and to Create a Video documentary
- b) Creating a Slideshow (with video/ audio editing) of any part of the syllabus
- c) Creating audio books of any favorite topic related to History

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for SYBA (Credit System) from the Academic Year 2020-2021

Under the Faculty of Humanities

Skill Enhancement Courses (SEC 2 A) – (2 Credits)

Semester III-4) Tourism Management

Course Objectives:

1. This paper is designed to introduce the students to Tourism Management.
2. It will get students acquainted with all the processes of Tourism Industry to work with great potential.
3. It will enable students to seek self-employment by starting their own tourism related business.

Course Outcome:

1. Students will get an overall understanding of the process of Tourism Management.
2. They will learn to work in the Tourism Management with great potential.
3. They will be able to seek self-employment by starting their own tourism related business.

Course Content:

Unit I Tourism

- a) Definition and Nature of Tourism
- b) Important Components
- c) Topology of Tourism

Unit II Tourism recent trends

- a) Concept of Domestic and International Tourism
- b) Tourism Recent Trends.

Unit III Tourism as Industry

- a) Tourism as an Industry
- ii) Visitor, Tourist, Excursionist

Unit IV Tourism in India and Impact

- a) Growth and development of tourism in India
- b) Economics and Social impact
- c) Physical and environmental impact

Unit V Filed Trip and Report Writing

Reference Books:

1. Beaver and Allan (2002), 'A Dictionary of Travel and Tourism Terminology', CAB International Wallingford, pp. 313.
2. Bhatia A.K. (1983), 'Tourism Development' Sterling Publishers (P) Ltd., New Delhi.
3. Bhatia A.K, Tourism development Principles and Practices, Sterling Publishers (P) Ltd, New Delhi
4. Anand M.M., Tourism and Hotel Industry in India, Sterling Publishers (P) Ltd, New Delhi
5. Kaul R.H , Dynamics of Tourism, A Terilogy Sterling Publishers (P) Ltd, New Delhi
6. IITTM, Growth of Modern Tourism, Manogra IITTM, New Delhi, 1989
7. IITTM, Tourism as an Industry, Manogra IITTM, New Delhi, 1989
8. Burhat and Mandlik, Tourism- Past, Present and Future Heinemann, London
9. Wahab S.K Tourism Management , International Press, London, 1986
10. Brymer Robert A, Introduction to Hotel and Restaurant Management, Hub Publication Company, Lawa, 1982
11. Pran Nath Seth (1997), 'Successful Tourism Management', Vikas Publishing House (P) Ltd., New Delhi, pp. 329.
12. Riccline J.R, Brent, Travel and Tourism Hospitality Research, London, 1982
13. Aggarwal Surinder , Travel Agency Management, Communication India, 1983
14. Tourism Planning : Gunn, Clare A

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for S.Y.B.A. (Credit System) from the academic Year 2020-21

Under the Faculty of Humanities

Core Course-I (CC- 2C)

Semester -IV- History of the Marathas: (1707-1818)

Learning Objectives:

1. To understand changed nature of Maratha Polity during the Peshwa Period.
2. To examine the dynamics of Maratha Confederacy and reciprocity.
3. To examine role of Marathas and regionality in National politics of 18th Century India.
4. To study administrative system, society and economy of the Peshawa period

Learning Outcome:

1. Students will be able to analyze the Marathas policy of expansionism and its consequences.
2. They will understand the role played by the Marathas in the 18th century India.
3. They will be acquainted with the art of diplomacy in the Deccan region.
4. It will help to enrich the knowledge of the administrative skills and profundity of diplomacy.

Pedagogy: Lectures/Visual presentation/ Role play/ Critical analysis/Assignments/Tests/Quiz/
e-learning

Unit-I: Consolidation and Expansion of the Maratha Power **12**

- a) Conflict between Maharani Tarabai and Chhatrapati Shahu Maharaj
- b) Rise of the Peshwas: Balaji Vishwanath-Chauthai and Sardeshmukhi
- c) Peshwa Bajirao I: South and North Expedition

Unit-II: Strengthening of the Maratha Power **12**

- a) Peshwa Balaji Bajirao (Nanasaheb)
- b) Third Battle of Panipat: Causes and Consequences
- c) Causes of the defeat of the Marathas

Unit-III: Post Panipat Revival and Downfall **12**

- a) Peshwa Madhavrao I
- b) Barabhai Council: Role of Mahadji Shinde and Nana Phadnis
- c) Downfall of Maratha Power

- a) Maratha Confederacy
- b) Economic Condition
- c) Society: Caste System and Position of Women

References: English

1. Alavi, Seema (ed.), The Eighteenth Century in India, OUP, New Delhi, 2002
2. Ballhatchet, Kenneth, Social Policy and Social Change in Western India, 1817 – 1830, Oxford University Press, 1957.
3. Chandra, Satish, The Eighteenth Century in India: Its Economy and the Role of the Marathas, the Jats, the Sikhs and the Afghans, Kolkata, K.P. Bagchi, 1986.
4. Desai S.V., Social Life in Maharashtra under the Peshwas, Popular Prakashan, Bombay, 1962.
5. Deshmukh, S, Shivakalin va Peshwakalin Stree Jeevan, Tilak Maharashtra Vidyapeeth, Pune, 1973.
6. Deshmukh, R.G., History of Marathas, Nimesh Agencies, Bombay, 1993.
7. Dighe, V. G., Peshwa Bajirao I and Maratha Expansion, Karnatak Publishing House, Bombay, 1944.
8. Fukazawa, Hiroshi, The Medieval Deccan – Peasants, Social Systems and States – Sixteenth to Eighteenth Centuries, Oxford University Press, New Delhi, 1991
9. Gawali, P. A., Society and Social Disabilities Under the Peshwas, National Publishing House, New Delhi, 1988.
10. Gokhale, B.G., Poona in the Eighteenth Century. An Urban Study, Oxford University Press, 1987.
11. Gordon, Stewart, Marathas, Marauders, and State Formation in Eighteenth Century India, Oxford University Press, Delhi, 1994.
12. Joshi, V.V., The Clash of Three Empires: A Study of British Conquests of India with Special reference to the Marathas, Kitabistan; Allahabad, 1941.
13. Kale, D.V., Social Life and Manners in Bombay Maharashtra (1750-1800), Bombay, 1927.
14. Kotani, Hiroyuki, Western India in Historical Transition – Seventeenth to Early Twentieth Century's, Manohar Publishers & Distributors, New Delhi, 2002.
15. Kulkarni, Madhukar, Peshwaiteel Nyayadaan, Mansanman Prakashan, Pune, 1998.
16. Marshall, P.J. (ed.), The Eighteenth Century in Indian History: Evolution or Revolution? OUP, New Delhi, 2003
17. Mahajan, T. T., Industry, Trade and Commerce During Peshwa Period, Pointer Publishers, Jaipur, 1989.

18. Mahajan, T. T., Maratha Administration in the 18th Century, Commonwealth Publishers, New Delhi, 1990.
19. Nadkarni, R.V., The Rise and Fall of the Maratha Empire, Popular Prakashan, Poona, 1966
20. Pagdi, S. M. Eighteenth Century Deccan. Bombay: Popular Prakashan, 1963.
21. Pawar, A. G., ed. Maratha History Seminar Papers. Kolhapur: Shivaji University, 1970.
22. Ranade, M. G. Rise of the Maratha Power. New Delhi: Publication Division, Govt. of India, 1974.
23. Sardesai, G.S., The New History of the Marathas, Vol II: The Expansion of the Maratha Power, Phoenix Publications, Bombay, 1958.
24. Sardesai, G.S., The New History of the Marathas, Vol III: Sunset Over Maharashtra, Phoenix Publications, Bombay, 1968
25. Sen, Sailendra Nath, Anglo- Maratha Relations 1785 – 96, MacMillan, Delhi, 1974.
26. Sinha, H. N., Rise of the Peshwas, The Indian Press Ltd., Allahabad, 1931.
27. Srinivasan, C. K., Bajirao I, The Great Peshwa, Asia Publishing House, Bombay, 1961.
28. Wink, Andre, Land and Sovereignty in India – Agrarian Society and Politics under the Eighteenth Century Maratha Svarajya, Orient Longman, Hyderabad, 1986.

संदर्भ: मराठी

1. ओतुरकर आर. व्ही., पेशवेकालीन सामाजिक व आर्थिक जीवन, खंड १, भारत इतिहास संशोधन मंडळ, पुणे, १९५०
2. ग.ह. खरे आणि कुलकर्णी अ. रा. (संपा.) मराठ्यांचा इतिहास, खंड १, २ आणि ३, कॉन्टिनेन्टल, पुणे, खंड १: १९८४, खंड २: १९८५, खंड ३: १९८६
3. खोबरेकर विठ्ठल गोपाळ, गुजरातेतील मराठी राजवट, पुणे, १९६२
4. खोबरेकर विठ्ठल गोपाळ, महाराष्ट्राचा इतिहास, मराठा कालखंड, खंड २ (१७०७-१८१८) (बॉम्बे) मुंबई, १९८८
5. गवळी पा. आ., पेशवेकालीन गुलामगिरी व अस्पृश्यता, प्राची प्रकाशन, कोल्हापूर, १९९०
6. गवळी पा. आ., पेशवेकालीन महाराष्ट्र- संस्था व संकल्पना, कैलास पब्लिकेशन्स, औरंगाबाद, २०००
7. गर्गे स. मा., इतिहासाची साधने- एक शोधयात्रा, पॉप्युलर प्रकाशन, मुंबई
8. गायकवाड बी. डी., सरदेसाई, थोरात, हणमने, मराठेकालीन संस्था व विचार, फडके प्रकाशन, कोल्हापूर, १९८७
9. चापेकर, ना. गो., पेशवाईच्या सावलीत, लक्ष्मण नारायण चापेकर, पुणे, १९३७
10. जोशी एस. एन., मराठेकालीन समाजदर्शन, अ. वि. गृह प्रकाशन, पुणे १९६०

- 11.देशमुख शारदा, शिवकालीन व पेशवेकालीन स्त्रीजीवन, टिळक महाराष्ट्र विद्यापीठ, पुणे, १९७३
- 12.सरदार गं. बा., संतवाङ्माची सामाजिक फलश्रुती, श्री विद्या प्रकाशन, पुणे, १९८२
- 13.हेरवाडकर आर. व्ही., मराठी बखर, व्हीनस प्रकाशन, मुंबई, १९८६
- 14.सरदेसाई गो.स., मराठी रियासती, खंड १ ते ८, पॉप्युलर प्रकाशन, मुंबई

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for S.Y.B.A. (Credit System) from the academic Year 2020-21
Under the Faculty of Humanities
Discipline Specific Elective Course (DSE-1B)
Semester -IV-Medieval India: Mughal Period

Course objectives:

1. Produce well researched written work that engages with both primary sources and the secondary literature.
2. To learn the Mughal ruler and incidents regarding Deccan policies.
3. To understand the analytical studies of Medieval South India
4. Maps- important centers in Mughal Empire under Akbar and Aurangzeb

Course outcome:

1. Draws comparisons between policies of different rulers.
2. Understanding Role of Akbar in the consolidation of Mughal rule in India.
3. Understand Aurangzeb's conflict with Rajputas, Maratha and weakening Mughals age.
4. Analyses factors which led to the emergence of new religious ideas and movements (bhakti and Sufi)

Pedagogy: Lectures/Visual presentation/ Role play/ Critical analysis/Assignments/ Tests/Quiz/Maps/Field visit/ Group Discussion/ Seminar /use of e-learning

Unit I: Foundation of Mughal Empire **10**

- a) Sources of Historiography of Mughal Period
- b) Babur: The Foundation of Mughals Empire
- c) Humayun Struggle with Sher Shah Suri. Sher Shah: administrative reforms

Unit II: The Consolidation of the Mughal Empire **18**

- a) Akbar: Extent of the Mughal Empire, Mansabdari System, Religious Policy
- b) Expansion: Deccan Policy of Jahangir and Shah Jahan
- c) The reign of Aurangzeb: Rajput Policy, Ahom conflicts, Sikh Policy, Deccan expeditions

Unit III: Administrative systems **10**

- a) Central and Provincial Administration
- b) Revenue System
- c) Judicial System, Military administration

Unit IV: Economy, Society and Culture

10

- a) Economy: Agriculture, trade and industry
- b) Society: Caste system, position of women, Bhakti and Sufi movement.
- c) Culture: Science and Technology.

Reference Books: English

1. Banerjee A.C., New History of Medieval India, New Delhi, S. Chand & Co., New Delhi, 1990.
2. Chitnis K.N., Glimpses of Medieval Indian Institutions, Poona, 1981.
3. Chitnis K.N., Socio-Economic History of Medieval India, Atlantic Publishers and Distributors, New Delhi, 1990.
4. Chopra P.N., Puri B.N., Das M.N.-A Social, Cultural and Economic History of India, Vol II. Macmillan India, Delhi, 1974.
5. Lane Poole Stanley, Medieval India, London, 1910
6. Majumdar R.C (ed)-The History and Culture of the Indian People, Vol VII: The Moghul Empire, Bombay, 1974.
7. Mehta J.L – Advanced Study in the History of Medieval India Vol II, New Delhi sterling Publishers, 1983.
8. Moreland W.H., From Akbar to Aurangzeb: Study in Economic History, London, 1923
9. Moreland E.H., India at the Death of Akbar: An Economic Study, London, 1920
10. Richards J.F., The Moghul Empire, Cambridge, 1994.
11. Salma Ahmed Farooqui, A Comprehensive History of Medieval India, Pearson, New Delhi, 2011
12. Sarkar Jadunath., Mughal Administration, Calcutta, 1963.
13. Sharma S.R., Mughal Empire in India, Agra, 1971.
14. Srivastava A. L., The Mughal Empire (1526 -1803 AD), Agra 1974
15. Mehta J.L., Advanced study in the history of medieval India, sterling Publishers Pvt.Ltd.
16. Varma Nirmala, History of India Mughal Period, ABCD Publishers.
17. Singh Meera, Medieval History of India, Vikas Publishing House Pvt.Ltd.
18. Mukhia Harbans, Perspectives on medieval history, Vikas Publishing House Pvt.Ltd.
19. Lane Poole Stanley, Medieval India
20. Percy Brown - Art & Architecture, Islamic Architecture
21. Satish Chandra- History of Medieval India, Orient Blackswan, Hyderabad.

Marathi:

1. Dr. Muhammad Ajam, Sufi Tatwadnyan : SwaproopAani Chintan, Padmagandha.
2. Siddikhi N.A., (Anu.) Dr. Saswadkar P.L., MogalkalinMahasulPaddhati, Diamond Prakashan, Pune.
3. Chitnis K.N., MadhyayginBharatiyaSankalpanava Sanstha Bhag 1 te 4, Allrich Enterprises, Mumbai
4. Kulkarni V.V., Nevaskar Ashok.,MadhyayuginBharatachaItihas A.D.1206 te 1658, Vidya Prakashan, Nagpur.
5. Jadunath Sarkar (Anu.), Kolarkar S.G., Aurangjeb, Diamond Prakashan Pune.
6. Dixit N.S., PrachinvaMadyayugin Bharat Prarambhapasunte A.D. 1707. Pimpalapure& Co. Publishers, Nagpur.
7. Phadnaik Chandrashekhar, PrachinvaMadhyayugin Bharat, Vidya Prakashan, Nagpur.
8. Banahatti Rajendra, Akbar teAurangjeb, Diamond Publication Pune.
9. Kogekar Sunanda, Akabarkalin Hindustan, Diamond Publication Pune.
10. Joshi Smita, BharatiyaItihasPrachinteArvachin, Diamond Publication Pune.
11. Bhide Gajanan, Nalavade Vijay, Naiknavare, Madhyayugin Bharat, PhadakePrakashan, Kolhapur.
12. Sardesai G.S., MusalmaniRiyasat, Popular Prakashan, Mumbai.
13. Mate M.S., Chavan Kamal, MadhyayuginKalabharati, Continental Prakashan, Pune.
14. Athaley Vibha, PrachinvaMadhyayugin Bharat.
15. Chandra Satish, Madhyayugin Bharat, Jawahar Publishers, New Delhi.
16. Dr. Kathare Anil, MadhyayuginBharatachaItihas, Prashant Publications, Jalgaon, 2013
17. Acharya Apte, Madhyayugin Bharat.

Hindi:

1. Irfan Habib (Sampa.), Madhyakalin Bharat, Ank 1 te 5, RajkamalPrakashan, New Delhi.
2. Irfan Habib(Sampa.), MadhyaKalin Bharat, Ank 2, RajkamalPrakashan, New Delhi.
3. Irfan Habib(Sampa.), MadhyaKalin Bharat, Ank 3, RajkamalPrakashan, New Delhi
4. Irfan Habib(Sampa.), MadhyaKalin Bharat, Ank 4, RajkamalPrakashan, New Delhi
5. Irfan Habib(Sampa.), MadhyaKalin Bharat, Ank 2, RajkamalPrakashan, New Delhi
6. Varma Harishchandra (Sampa.), MadhyakalinBhar, Bhag 1, 750, 1540 Hindi
MadhyamKaryanvayNideshalaya, Delhi Vishwavidyala, Delhi.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for S.Y.B.A. (Credit System) from the academic Year 2020-21
Under the Faculty of Humanities
Discipline Specific Elective Course (DSE-2 B)
Semester -IV-Glimpses of the Modern World - Part II

Learning Objectives:

1. This paper is designed to introduce the students to the political history of the Modern World.
2. It will enable students to study remarkable historical developments in the various countries including India, which had a significant impact on almost all over the Modern World.
3. It will enable students to understand the significant impact of the modern concepts such as Dictatorship, Cold War, Nationalism, Communism, Imperialism, Polarization, etc.
4. It will get students acquainted with the major nationalist movements, the World War II and its consequences, the Cold War and its Consequences.

Learning Outcomes:

1. It will enable students to develop the overall understanding of the Modern World.
2. The students will get acquainted with the major nationalist movements, the World War II and its consequences, the Cold War and its Consequences.
3. It will enhance their overall perception of the history of the Modern World.
4. It will enable students to understand the significance of the strategic political developments in the Modern World.

Pedagogy: Lectures/Visual presentation/ Role play/ Critical analysis/Assignments/Tests/Quiz/
e-learning

Unit I. Nationalist Movements in Asia and Africa **12**

- a) Dr. Sun-Yet-Sen
- b) Mahatma Gandhi (Non-Cooperation Movement, Civil Disobedience Movement, Quit India Movement)
- c) Dr. Nelson Mandela

Unit II. Rise of Dictatorship **12**

- a) Italy - Mussolini
- b) Germany – Hitler
- c) Turkestan - Kemal Pasha
- d) Militarism in Japan

Unit III. World War II and the Rise of World Power

12

- a) World War II - Causes and Consequences
- b) United Nations Organization - Structure and Functions
- c) The Rise of the World Powers – U.S.A. and U.S.S.R.

Unit IV. Cold War and Third World

12

- a) Cold War: Causes, Nature and Course
- b) Third World: Non-Alignment Movement
- c) End of the Cold War and Disintegration of U.S.S.R.

References:

English

1. Carr EH, International Relations Between the Two World Wars.
2. Cornwall RD: World History in the 20th Century, Longman, London, 1976.
3. Dev Arjun and Indira Dev, History of the World, Orient BlackSwan, Delhi, 2009.
4. Gooch VP, History of Modern Europe.
5. Grant and Temporally, Europe in the 19th and 20th centuries.
6. Hazen, Modern Europe
7. Jain H. and K. Mathur, A History of the Modern World 1500 - 2000 AD, Jain Prakashan Mandir, Jaipur, 2014.
8. Rao BV: World History (3rd edition) from early time to AD 2000, New Dawn Press INC, VSA UK, India, 2006.

मराठी

१. आचार्य धनंजय, विसाव्या शतकातील जग, श्री साईनाथ प्रकाशन, नागपुर.
२. कुलकर्णी, देशपांडे, आधुनिक जगाचा इतिहास, (भाग १ व २), स्नेहवर्धन प्रकाशन, पुणे.
३. कुलकर्णी, फडके, आधुनिक युरोपचा इतिहास.
४. कोलारकर शं. गो, आधुनिक युरोप.
५. गायकवाड, कदम, थोरात, पाटील, आधुनिक जगाचा इतिहास.
६. जोशी पी. जी, विसाव्या शतकातील जगाचा इतिहास, विद्या प्रकाशन, नागपुर.
७. वैद्य सुमन, आधुनिक जग, साईनाथ प्रकाशन, नागपुर.
८. वैद्य सुमन, कोठेकर शांता, आधुनिक जग, साईनाथ प्रकाशन, नागपुर.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for S.Y.B.A. (Credit System) from the academic Year 2020-21
Under the Faculty of Humanities
Discipline Specific Elective Course (DSE-2 B)
Semester -IV- History of West Asia

Learning Objectives:

1. The course is designed to enable students to understand the history of Modern East Asia.
2. It will acquaint students with the notable events in contemporary Asia.
3. It will orient students to understand the economic transition in Asia during 20th century and the impact of all this on world politics.
4. It will enable students to understand the history of West Asian countries.

Learning Outcomes:

1. It will enable students to develop the overall understanding of the West Asian countries.
2. The students will get acquainted with the modernization of Turkestan, Arab Nationalism and the Arab-Israel Conflict.
3. It will enhance their perception of the developmental policies of the Asian Countries.
4. It will enable students to understand the significance of the West Asian countries in the Modern World.

Pedagogy: Lectures/Visual presentation/ Role play/ Critical analysis/Assignments/Tests/Quiz/
e-learning

Unit I: Modern Turkestan. 12

- a) Young Turkey Movement.
- b) Turkestan and WorldWarI
- c) Kemal Pasha and Modernization of Turkestan.

Unit II: Israel 12

- a) Zionist Movement.
- b) Balfour declaration.
- c) Rise of Israel.
- d) Arab Israel conflict.

Unit III: Rise of Arab Nationalism.

08

- a) General Nasser and the Suez Crises.
- b) Saudi Arabia: Wahhabi Movement and Achievements of Ibn Saud.

Unit IV: Iran and Iraq

16

- a) Iran: Achievement of Rezashah Pahlavi
- b) Iran and World War II
- c) Oil Diplomacy
- d) Iraq: Rise of Rashid Ali
- e) Iraq- Iran Conflict
- f) Gulf War.

Reference -

English books

1. Bass Claud, Asia in the Modern World.
2. Bernad L, Turkey Today, The Emergence of Modern Turkey.
3. Beasley W.G., The Modern History of Japan.
4. Buchana P.A., History of The Far East.
5. Choneaux, Jean – China – The Peoples Republic.
6. Fisher S.N., The Middle East.
7. North M., The History of Israel.

मराठी :

1. आंबेकर गो.वा .,आग्नेय आशियातील घडामोडी, साईनाथ प्रकाशन, नागपुर. .
2. देव प्रभाकर ,आधुनिक चीनचा इतिहास (१८४०-१९५०)विद्या प्रकाशन, नागपुर.
3. देव पुजारी ,पूर्व आशियाचा इतिहास – चीन व जपान, मंगेश प्रकाशन, नागपुर. .
4. गद्रे प्रभाकर , जपानचा इतिहासविद्या प्रकाशन, नागपुर..
5. गाठळ साहेबराव ,आग्नेय आशियाचा इतिहासतीरूपति प्रकाशन, परभणि.
6. जोशी पी .जी ,विसाव्या शतकातील जगाचा इतिहास ,विद्या प्रकाशन ,नागपुर .
7. गाठळ एस .एस – आधुनिक चीनचा इतिहास (१८४० ते १९५०) तीरूपति प्रकाशन, परभणि.

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for SYBA (Credit System) form the academic Year 2020-2021

Under the Faculty of Humanities

Skill Enhancement Course (SEC 2B) – (2 Credits)

Semester IV- 5) Modi Script

Course Objectives:

1. This paper is designed to introduce the students to the Modi Script.
2. It will get students acquainted with details of the Modi Script.
3. It will enable students to understand Maratha History in detail.

Course Outcome:

1. Students will get an overall understanding of the Modi Script.
2. They will be able to know the history of the Marathas.
3. They will be able to read and write in Modi Script.

Course Content:

Unit.I Modi Script Introduction

Modi Script – Writing & Reading

- i) Vowels
- ii) Consonant
- iii) Numbers

Unit.IIA. Kalaganana –

- i) Hindu
- ii) Muslim

B. Anewari Reghi Hisheb

Unit. III Reading practice

- i) Short Forms
- ii) Farasi words

Unit. IV Archives&Types of Documents, Research Opportunities

Reference books:

1. Modi Lipi- Prashikshan va Saraavpustika, Maharashtra Purabhilekhagar Sanchalanalaya, Govt. of Maharashtra, 2007,2008, 2012
2. Prachin Bharatiy Lipimala, OzhaGaurishankar H. MunshiramManoharlaal Publi., New Delhi, 1918.
3. The Palaeography of India, OzhaGaurishankar H. MunshiramManoharlaal Publi., New Delhi,1918.
4. Mod VachanAaniLekhan ,Valinbe Ganesh R., DhavalePrakashana, Mumbai, 1951, 1953, 2005,2009
5. Bharatiya Lipinche Maulik Eakarup – Pandit GanapatishastriHebbar published by Maharashtra Rajya Sahitya Ani Sanskruti Mandal.1988
6. Chala Shikuya Modi Aapan., Mhatre Krushnaji, Modi LipiShikshan Mandal, Mumbai, 1993, 2003,2009
7. Sahaj sopi Modi Lipi, Tilak Shreekrushna L., Vyasa creation, Thane
8. Sopi Modi Patre, Lawate Mandar & Soman Bhasvati, Adijit Pub. Pune, 2013
9. Shivachhatrapatinche Patre, Vol. I & II, Kulkarni Anuradha, Param Mitra, 2011
10. Modi Lipi , Mali Navinkumar,
11. Tumhich Modi Shika, Kulkarni M.R. , Diamond Publi, Pune

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for SYBA (Credit System) from the Academic Year 2020-2021

Under the Faculty of Humanities

Skill Enhancement Courses (SEC 2B) – (2 Credits)

Semester IV-6)Medieval Indian Arts and Architecture(1206 To 1857)

Course Objectives:

1. This paper is designed to introduce the students to the Art and Architecture during the Medieval India.
2. It will enable students to understand the impact of the Persia on the Mughal Art and Architecture.
3. It will get students acquainted with the development of Indo-Persian style of Painting.

Course Outcome:

1. Students will get an overall understanding of the development of the Medieval Art and Architecture.
2. They will understand the changing patterns of the Art and Architecture during the Medieval India.
3. They will have an understanding of the impact of Persian Art on Islamic Art and Architecture in Medieval India.

Course Content:

Unit I Sultanate Art & Architecture

- a) Arcuate Technique (Arches domes)
- b) Qubbat-ul-Islam Mosque
- c) Tomb of Iltumish
- d) Qutbminar
- e) Alai Darwaza

Unit II Deccan Art & Architecture

- a) Bahamani
- b) Vijaynagar (Hampi)

Unit III Sur Art & Architecture

- a) Qila-i-Kuhna Mosque
- b) Tombs (Hasan Sur and Sher Shah)

Unit IV Mughal Art & Architecture

- a) Akbar: The Tomb of Humayan, Agra Fort, Fatehpur Sikri, Allahabad and Lahor forts
- b) Jahangir: Sikandara, Tomb of Itmad-ud-Daula
- c) Shahjahan: The Taj Mahal, Red Fort, Jama Masjid
- d) Mughal Paintings
- e) Regional Art & Architecture

Reference Books:

- 1) Percy Brown: Indian Architecture (Islamic period), Mumbai 1997
- 2) Percy Brown: Indian Painting, New Delhi, 1965
- 3) R.Nath : History of Sultanate Architecture, Delhi, 1978
- 4) Catherine B. Asher: The New Cambridge History of India, Mughal Architecture.
- 5) Satish Grover: The Architecture of India (Islamic Period) Delhi, 1981
- 6) Ebba Koch: The Mughal Architecture: An outline of its History and Development, Primus Books, Delhi, 2014
- 7) S.P. Verma : Art and Material Culture in the Paintings of Akbar's Court, Delhi 1978
- 8) K. Khandalwal : Documents on Indian Painting, Bombay 1969
- 9) M.C. Beach : The Cambridge History of India : Mughal and Rajput Paintings, Cambridge University Press 1992
- 10) Surendra Sahai : Indian Architecture, Islamic period
- 11) Z.A. Desai : Indo-Islamic Architecture, Publication Division, Ministry of Information and Broadcasting, Govt. of India, Delhi 1970
- 12) Daljeet : Mughals and Deccan Paintings, From the collection of National Museum, New Delhi 1999
- 13) Ziauddin Desai : Indo-Islamic Architecture, Delhi 1970
- 14) Subhash Parihar : Some aspect of Indo-Islamic Architecture, Delhi 1999
- 15) Abha Narain Lambah & Alka Patel : The Architecture of the Indian Sultanates, Marg publication, 2006

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for SYBA (Credit System) from the Academic Year 2020-2021

Under the Faculty of Humanities

Skill Enhancement Courses (SEC 2 B) – (2 Credits)

Semester IV- 7) Popular Indian Culture

Course Objectives:

1. This paper is designed to introduce the students to the Popular Culture in India.
2. It will enable students to understand Visual Arts, Performances, Audio-Visual expressions, Fairs, Festivals and Rituals.
3. It will get students acquainted with the development of Popular Indian Culture.

Course Outcome:

1. Students will get an overall understanding of the the Popular Culture in India.
2. They will understand the Visual Arts, Performances, Audio-Visual expressions, Fairs, Festivals and Rituals.
3. They will have an understanding of the importance of Popular Indian Culture.

Course Content:

Unit I Introduction:

- a) Definition Popular Culture
- b) Popular Culture and High Culture

Unit II Visual Expressions and Performance:

- a) Visual Expressions - Folk Art Calendar Art Photography
- b) Performance – Theatre, Music, Folktales, Songs, Swang and Nautanki

Unit III: Audio-Visual Expression:

- a) Indian Cinema, Television and Internet
- b) Influence of National Struggle for Independence (1930s & 1940s)
- c) Idealized Nationalism (1950s)
- d) Disillusionment and Anti-Establishment Mood (1970s & 1980s)
- e) Impact on Social Media

Unit IV Fairs, Festivals and Rituals:

- a) Disentangling Mythological Stories
- b) Patronage
- c) Regional Variations

A visit to an exhibition/fair/festival is an essential part of this course.

Reference Books:

1. Dissanayake, W. and K.M. Gokul Singh. *Indian Popular Cinema*. London: Trentham Books, 2004.
2. Oberoi, P. *Freedom and Destiny: Gender, Family and Popular Culture in India*. Delhi, 2009.
3. Princy, C. *Camera Indica: The Social Life of Indian Photographs*. Chicago, 1998.
4. Storey, J. *Cultural Theory and Popular Culture*. London, 2001.
5. Rag, P. *Dhuno ke Yatri*, New Delhi: Rajkamal, 2006.
6. Ramanujan, A.K. *Folktales from India: A Selection of Oral Tales From Twenty-two Languages*. USA: Random House, 1997. (Introduction)
7. Ramaswamy, V. "Women and the 'Domestic' in Tamil Folk Song." In *From Myths to Markets: Essay on Gender*, edited by Kumkum Sangari and Uma Chakravarti. Shimla: Manohar and Indian Institute of Advanced Study, 1999.
8. Singh, L., ed. *Theatre in Colonial India: Playhouse of Power*. New Delhi: OUP, 2009.

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for SYBA (Credit System) from the Academic Year 2020-2021

Under the Faculty of Humanities

Skill Enhancement Courses (SEC 2 B) – (2 Credits)

Semester IV- 8) Travel Agency and Tour Business

Course Objectives:

1. This course is designed to create awareness about Travel Agency, Education and Job opportunities among the students.
2. It aims in training students on both Theory and Practical aspect and Travel Agency and creating professionals for tourism industry.
3. It will enable student to seek self-employment by starting their own Travel Agency related to business.

Course Outcome:

1. The students will understand the details of the business of Travel Agency.
2. They will be trained on both Theory and Practical aspect and Travel Agency and creating professionals for Tourism Industry.
3. It will enable student to seek self-employment by starting their own Travel Agency related to business.

Course Content:

Unit I. Concept of Travel Agency

- a) Definition of travel agency
- b) Main function of travel agency
- c) Organizational Structure of a travel agency

Unit II. Role of Travel Agent

- a) Types of Travel Agents
- b) Responsibilities of Travel Agent
- c) Procedure for Travel Agent and Tour Operators in India
- d) Online Travel Agency

Unit III. Role of Travel Agency

- a) Role of Indian Airlines, Indian Railway
- b) Role of different Tour Companies
- c) Tour Packages and Accommodation

Unit IV. Field Visit and Report Writing

Reference Books:

1. Foster D.L. The Business of travel agency Operation and tour Management
2. Merissen Jome W, Travel Agent and Tourism
3. Howel David H, Principals and Methods of Scheduling Reservations
4. J.M.S. Negi., Travel Agency & Tour Operations
5. Agarwal Surinder, Travel Agency Managements
6. Bhatia A.K, Professional Travel Agency Management
7. Bhatia A.K, Tourism Development
8. Pran Nath Seth (1997), 'Successful Tourism Management', Vikas Publishing House (P) Ltd., New Delhi, pp. 329..
9. Willaim Cordve, Travel in India
10. National Publisher ,The World of Travel
11. Stephen F. Witt and Luiz Moutinho (1995), 'Tourism Marketing and Management Hand Book', Prentice Hall, London, pp 3.
12. Webstar Susan, Group Travel Operating Procedure
13. Roger Carter (1990), 'Tourism – Exercise and Activities', Hodder & Sloughton, London.
14. Sharma K.K. (1991), 'Tourism in India', Classic Publishing House, New Delhi.



Savitribai Phule Pune University, Pune

Faculty of Humanities

T.Y.B.A. in History

Choice Based Credit System Syllabus

To be implemented from the Academic Year 2021-2022

Savitribai Phule Pune University, Pune.

Faculty of Humanities

Structure of Choice Based Credit System for Undergraduate Program to be Implemented from Academic Year 2021-2022

Subject: - T.Y.B.A. History Structure Academic Year 2021-2022

Semester	Core Courses (CC)	Skill Enhancement Course (SEC)	Discipline Specific Elective Courses (DSE)
V	CC- 3(3) Indian National Movement (1885-1947) History of Civilization – World Civilization Part I	SEC 2 C (2) 9. South Indian Art and Architecture 10. Research Paper Writing 11. Museology	DSE-3 C (3) +1 7. Introduction to Historiography
			DSE-4 D (3)+1 8. Maharashtra in the 19 th Century
			OR 9. Constitutional Developments in India 1773 to 1853
VI	CC- 4(3) India After Independence- (1947-1991) History of Civilization –World Civilization Part II	SEC 2 D (2) 12. Heritage management 13. Archaeology 14. Numismatics	DSE-3 C (3)+1 10 Applied History
			DSE-4 D (3)+1 11 Maharashtra in the 20 th Century OR Constitutional Developments in India 1858 to 1950

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Core Course 3 :(3 Credit)
Semester V: Course Title: - Indian National Movement (1885-1947)

Learning Objectives:

1. The course is designed to make the students aware about the making of Modern India and the struggle for independence.
2. To make the students aware of the multi-dimensionality of Modern India.
3. To highlight the ideas, institutions, forces and movements that contributed to be shaping of Indian Modernity.
4. To acquaint the students with various interpretative perspectives.

Learning Outcomes:

1. It will enable students to develop an overall understanding of Modern India.
2. It will increase the spirit of healthy Nationalism, Democratic Values and Secularism among the Students.
3. Students will understand various aspects of the Indian Independence Movement and the creation of Modern India.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Unit I: Rise and Growth of Indian Nationalism **12**

- a) Causes for the Rise of Indian Nationalism
- b) Foundation of Indian National Congress.
- c) Moderate Nationalists and Assertive Nationalists
- d) Revolutionary Nationalists.

Unit II: Mass Movement **9**

- a) Non Co-Operation Movement.
- b) Civil Disobedience Movement.
- c) Quit India Movement.

Unit III: Towards Independence and Partition. **12**

- a) Two Nation Theory: Establishment of Muslim League and Hindu Mahasabha, Growth of Communalism, Genesis of Pakistan.
- b) Indian National Army.
- c) Transfer of Power: The Cripps Mission, The Cabinet Mission, The Mountbatten Plan, Indian Independence Act and Partition.

- a) Peasant Movement.
- b) Workers Movement.
- c) Dalit Movement.
- d) Women's Movement.
- e) Tribal Movement.

Reference Books:**English**

- 1.Chandra Bipan, Mukherjee Mridula, Mukherjee Aditya, Panikkar K.N. and Mahajan Sucheta- India's struggle for Independence, Penguin Books(India),1990.
- 2.Chandra Bipan, Essays on Contemporary India, Har- Anand publication, New Delhi, 1993.
- 3.Chandra Bipan - The Rise and Growth of Economic Nationalism in India People's Publishing House, New Delhi,1966.
- 4.Desai A.R. - Social Background of Indian Nationalism, Popular Prakashan, Bombay, 1984.
- 5.Dodwell H.H. - Cambridge History of India Vol V, VI
- 6.Dutt R.C. - Economic History of India Vol 1,2, London, 1901 reprint Government of India press, Nashik, 1960.
- 7.Guha Ramchandra (ed.), Makers of Modern India, Penguin group, New Delhi, 2010.
- 8.Gopal S. - British policy in India 1858-1905, Cambridge University Press, 1965.
- 9.Mujumdar R. C., History of the freedom movement in India, Vol. I-III.
- 10.Mujumdar R.C. (ed.) The History and Culture of the Indian People Vol. 1 - IX British paramountcy and Indian Renaissance Vol IX.
- 11.Menon V.P. - The Transfer of power in India Princeton University Press,1957.
- 12.Moon Vasant, Dr Babasaheb Ambedkar writing and speeches Government of Maharashtra, Bombay.
- 13.Sarkar Sumit, - Modern India :1885 - 1947, Macmillan India Ltd., Madras, 1986.
- 14.Sarkar Sumit - Bibliographical survey of social Reform movement in the 18th &19th century (ICHR 1975).
- 15.Tara Chand - History of freedom Movement, Vol. I - IV publication Division, Ministry of Information and Broadcasting, Government of India, New Delhi,1983.

संदर्भग्रंथ- मराठी:

- आंबेडकर बाबासाहेब, पाकिस्तान अर्थात भारताची फाळणी, (अनु.दीपक पंचभाई) प्रबुद्धभारत पुस्तकालय, नागपूर, २०१८.
- कदम मनोहर, भारतीय कामगार चळवळीचे जनक: नारायण मेघाजी लोखंडे, अक्षर प्रकाशन, २००२.
- केतकर कुमार, कथा स्वातंत्र्याची (महाराष्ट्र), पुणे, १९८५.
- गर्गे स. मा., भारतीय समाज विज्ञान कोश, खंड १ ते ४, मेहता पब्लिशिंग हाऊस, पुणे, २००७ .
- चपळगावकर नरेन्द्र, तीन न्यायमूर्ती आणि त्यांचा काळ, मौज प्रकाशन, मुंबई , २०१०.
- चंद्र बिपन, मुखर्जी, पण्णीकर, महाजन, इंडियाज स्ट्रगल फॉर इंडिपेंडेंस, (अनु.) काळे एम.व्ही. भारताचा स्वातंत्र्य संघर्ष, के. सागर पब्लिकेशन्स, पुणे, २००३.

चौसाळकर अशोक, महात्मा फुले आणि शेतकरी चळवळ, लोकवांडमयगृह, मुंबई, २००७.

जावडेकर आचार्य श.द., आधुनिक भारत, कॉन्टिनेन्टल प्रकाशन, पुणे, १९९४.

तळवळकर गोविंद, सत्तांतर : १९४७, मौज प्रकाशन, मुंबई, १९९७.

दत्त आर. पी. अनु. आवटे लीला, भारत आजचा आणि उद्याचा, लोकवांडमयगृह, मुंबई, १९८६ .

दत्त आर. पी., इंडिया टुडे, अनु., देवधर य. ना., आजकालचा भारत, डायमंड पब्लिकेशन, पुणे, २००६

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Core Course 3: History of Civilization (3 Credit)
Semester V Course Title: - World Civilization and Heritage (Part I)

Course Objectives:

- 1.To Introduce students to the various concept and theories of World Civilization.
- 2.To study the types of Stone Culture and its various aspects.
- 3.To acquaint the students with rise and growth of Ancient Civilization in West Asia.
- 4.To understand about Ancient Civilization of China and its various parts.
- 5.To enable the students to understand the Ancient Indian Civilization and its town planning, socio-economic, religious life as well as Vedic Civilization.

Course Outcomes:

1. Students will be aquanaut with the knowledge of how the Human Civilization process was start
2. The History of World Civilization course will be developing the curiosity in students the rise and growth of Ancient Civilization in world.
3. This curriculum develops the attitude of contemporary students towards the World Civilization.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content

Unit I: Stone Age Culture **12**

- a) Evolution of Human
- b) Types of Stone Age – Palaeolithic Age, Mesolithic Age, Neolithic Age
- c) Food Production, Primitive Agriculture and Village Settlement

Unit II: Ancient Civilization in West Asia **12**

- a) Egypt – Government, Socio-Economic Life, Art and Architecture
- b) Mesopotamia - Socio-Economic Life, Art and Architecture
Religion and Literature.
- c) Contribution of Egyptian and Mesopotamian Civilization to World History

Unit III: Ancient Civilization of China

10

- a) Social Structure and Economy
- b) Religion and Philosophy
- c) Art and Architecture

Unit IV: Ancient Indian Civilization

11

- a) Harappan Civilization – Town Planning, Socio –Economic and Religious Life, Art and Craft, Decline
- b) Vedic Civilization–Vedic Literature, Socio-Economic life, Cultural and Religious belief
- c) Contribution of Harappan and Vedic Civilization

Reference Book

English

1. Bowel, John, Man through the Ages, Weidenfeld and Nicolson, London, 1977.
2. Craig, A.M., Graham, W.A., Kagan, D., Ozment, S., and Turner, F.M., The Heritage of World Civilization, 2 vols. Macmillan, 1986.
3. Davies H.A., An outline History of the World, Oxford University Press, London, 1964. (Fourth edition).
4. Durant Will, the Study of Civilization, Vol.I, (Our Oriental Heritage).
5. George W. Southgate, an Introduction to World History, J.M. Dent & Sons Ltd. London, 1956.
6. Lucas, Henry, A short History of Civilization
7. Platt & Drummond, Our World through the Ages, Prentice-Hall, New- York, 1959.
8. Sood Vishal, Ancient Civilizations of the World, ABH Publishing Corporation, New Delhi, 2012.
9. Thapar Romila, India: From the origins to AD 1300, Penguin.

मराठी

- कुलकर्णी. अ. रा., पी. एन. देशपांडे व अ. म. देशपांडे, संस्कृतीचा इतिहास, सुविचार प्रकाशन मंडळ, पुणे, १९७७
- कुलकर्णी. अ. रा. प्राचीन भारत-इतिहास आणि संस्कृती
जोशी लक्ष्मणशास्त्री, वैदिक संस्कृतीचा विकास
नाईकनवरे वैजयंती, प्राचीन समाज, फडके प्रकाशन, कोल्हापूर, २००८
पवार जयसिंगराव, मानव जातीचा इतिहास, अजब पुस्तकालय, कोल्हापूर, १९७२
सांझगिरी प्रभाकर, मानवाची कहाणी, पी. पी. एच. मुंबई १९६०

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-3C)- (3 + 1 Credit)
Semester –V Course Title: Introduction to Historiography

Objectives:

1. To orient students about how History is studied, written and understood.
2. To explain methods and tools of data Collection
3. To study the types of Indian Historiography.
4. To describe importance of Inter-Disciplinary Research.
5. To introduce Students to the basics of Research.

Course Outcomes:

1. Students will be introduced to the information and importance of Historiography.
2. Students will be introduced to the different Methods and Tools of data collection.
3. Students can study the interdisciplinary approach of History.
4. Students will learn about the usefulness of History in the 21st century, its changing perspectives, the new ideas that have been invented, and the importance of History in a competitive World.
5. This curriculum develops Research ability and process of Research Methodology in History

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content:

Unit -I: Meaning and Scope of History

11

- a) Definition, Nature & Scope of History
- b) History and Social sciences
(Political science, Geography, Economics, Sociology)

Unit -II: Sources of Historical Research

10

- a) Primary, Secondary and Oral sources.
- b) Written, Unwritten.
- c) Importance of Sources.

Unit -III: Preliminary Operations

12

- a) Problem Formulation
- b) Objectives
- c) Hypotheses, Research Methods

Unit -IV: Synthetic Operations

12

- a) External Criticism
- b) Internal Criticism
- c) Interpretation, Foot Note
- d) Organizing Research Work, Statistical Data, Outcomes and Bibliography.

Reference Books

English

1. Avneri S., Social and Political Thought of Karl Marx, Cambridge, 1968.
2. Barnes H.E., History of Historical Writing, Dover, New York, 1963.
3. Cannadinen David (Ed.), What is History Now? Palgrave Macmillan, Basingstoke, 2002.
4. Carr E.H., What is History, Penguin Books, Harmondsworth, 1971.
5. Chitnis K.N., Research Methodology in History
6. Collingwood, R.G., The Idea of History, Oxford University Press, New York, 1976.
7. E. Shreedharan, A Textbook of Historiography 500 BC to AD 2000, Orient Black Swan, New Delhi.
8. Elton G.R., Practice of History, Blackwell, London, 2001.
9. Grewal J.S., History and Historians of Medieval India, Guru Nanak University, Amritsar, 2000.
10. Langlois Ch, V. And Ch. Seignobos, Introduction to the study of History,
11. Mujumdar R.C., Historiography in Modern India, 1970.
12. Sarkar Sumit, Writing Social History, OUP, Delhi, 1998.
13. Sen S.P.(Ed.), Historians and Historiography in Modern India, Culcutta, 1973.
14. Shiekh Ali, History: Its Theory and Method, Macmillan Publication, Madras, 1972.
15. Tikekar S.R., On Historiography, Mumbai, 1964.

16. Wilkinson and Bhandarkar, Research Methodology in Social Sciences, Himalaya, New Delhi, 2002.

मराठी

कार.ई.एच.,अनुवाद .प्रा.वि.गो.लेले ,इतिहास म्हणजे काय ,कॉन्टीनेन्टल प्रकाशन ,पुणे ,३०.

गर्गे स.मा ,इतिहासाची साधने:एक शोध यात्रा ,पॉप्युलर प्रकाशन ,मुंबई ,१९९४.

कोठेकर शांता ,इतिहास तंत्र आणि तत्वज्ञान ,श्रीसाईनाथ प्रकाशन ,नागपूर ,२००५.

देव प्रभाकर ,इतिहास एक शास्त्र ,कल्पना प्रकाशन ,नांदेड ,मार्च १९९७.

सरदेसाई बी.एन ,इतिहास लेखनशास्त्र,फडके प्रकाशन ,कोल्हापूर ,२००२.

देशमुख प्रशांत ,इतिहासाचे तत्वज्ञान ,विद्या बुक पब्लिशर्स ,औरंगाबाद ,२००५.

गायकवाड ,सरदेसाई ,हनमाने ,ऐतिहासिक कागदपत्रे व स्थळे यांचा अभ्यास ,फडके प्रकाशन ,
कोल्हापूर,१९८९

वळसंगकर कृ.ना,इतिहास विचारतरंग ,कॉन्टीनेन्टल प्रकाशन ,पुणे ,१९७४.

ढवळीकर मधुकर ,पुरातत्वविद्या ,म.रा.सा.सं.मं.मुंबई ,१९८०.

खोबरेकर वि .गो ,.महाराष्ट्रातील दप्तरखाने ,महाराष्ट्र राज्य साहित्य आणि सांस्कृतिक मंडळ ,मुंबई ,
१९८८ .

राजदरेकर सुहास,इतिहास लेखनशास्त्र, विद्या प्रकाशन, नागपूर १९९८.

बेंद्रे वा. साधन चिकीत्सा.सी

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-4D)- (3 + 1 Credit)
Semester –V Course Title: Maharashtra in the 19th Century

Course Objectives:

1. To Introduce the students to the history of 19th century in Maharashtra
2. To study Political, Social, Economic and conceptual History of the 19th Century Maharashtra in an analytical way with the help of primary sources.
3. To evaluate contribution of 19th century in Maharashtra to the establishment of Maharashtra state contribution of successors and later development of the 19th century Maharashtra
4. To study Socio-religious System of the 19th Century in Maharashtra.

Course Outcomes:

1. Student will develop the ability to analyse sources for 19th century Maharashtra History.
2. Student will learn significance of Regional History and Socio- religious reformism foundation of the region.
3. It will enhance their perception of 19th Century Maharashtra.
4. Appreciate the skills of leadership and the Socio-religious System of the Maharashtra.

Pedagogy:

Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning.

Course Content:

Unit-I. Foundation of British Power in Maharashtra **9**

- a) Background
- b) British Administration.
- c) Impact of British Power in Maharashtra.

Unit-II. Reformism in Maharashtra **16**

- a) Contribution of Intellectuals –Balshastri Jambhekar, Jagannath Shankarsheth Gopal Hari Deshmukh (Lokhitwadi) ,Mahatma Jyotiba Phule
- b) Institutional Experiments-Paramahansa Mandali, Prarthana Samaj,Satyashodhak Samaj, Sarvajanik Sabha

Unit-III. Uprising and Political Agitation

12

a) Local Uprisings

(Uprising of Ramoshi, Bhill, Koli, Revolt of 1857 and Deccan Riots (1875))

b) Rise of Nationalism (Indian National Congress, Moderate, Nationalist)

Unit-IV. Economic Transformation in Maharashtra

8

a) Economic Exploitation

b) Revenue (Rayatwari system)

c) Commercialization of Agriculture.

d) Economic Thought –Brief Survey

Reference Books

English:

1. Ballhatchet Kenneth, Social Policy and Social Change in Western India. 1817-1830, OUP, 1961.
2. Nurullah Syed and Naik J.P. A History of Education in India (During the British Period) Macmillan and Co.Ltd. Bombay,1951.
3. Paranjpe Shrikant, Dixit Raja and Das C.R. Western India: History Society and Culture, Itihas Shikshak Mahamandal, Maharashtra, Pune-1997.
4. Ravindra Kumar, Western India in the Nineteenth Century: A Study in the Social History of Maharashtra Routledge and Kegan Paul, Toronto, 1968.

मराठी:

१. अत्रे शुभांगी, महाराष्ट्र संस्कृती, डायमंड प्रकाशन, पुणे.१८१८
२. कीर धनंजय, महात्मा ज्योतिराव फुले आमच्या समाज क्रांतीचे जनक, पॉपुलर प्रकाशन, मुंबई.२०१२
३. कुलकर्णी शिल्पा, महाराष्ट्राचे समाज सुधारक, डायमंड प्रकाशन, पुणे.२०१२
४. कुलकर्णी, पु. बा. ना. नाना शंकरशेट यांचे चरित्र, मुंबई,१९५९
५. केतकर कुमार, कथा स्वातंत्र्याची, ग्रंथाली प्रकाशन, पुणे.१९८५
६. गरुड अण्णासाहेब, सावंत बी.बी. महाराष्ट्रातील समाज सुधारणा चळवळीचा इतिहास, कैलास पब्लिकेशन, औरंगाबाद १९८६
७. गर्गे एस. एम. गोपाळ गणेश आगरकर, नॅशनल बुक ट्रस्ट इंडिया, न्यू दिल्ली. १९९६
८. चौसाळकर अशोक, महर्षी विठ्ठल रामजी शिंदे यांचे धर्मविषयक विचार लोकवाडमय गृह प्रकाशन मुंबई.२००९
९. चौसाळकर अशोक, महाराष्ट्रातील महर्षी विठ्ठल रामजी शिंदे, लोकवाडमय गृह प्रकाशन मुंबई २०११

१०. जावडेकर आचार्य, आधुनिक भारत, कॉन्टिनेन्टल प्रकाशन, पुणे.२०१०
११. दीक्षित राजा. एकोणिसाव्या शतकातील महाराष्ट्रातील मध्यम वर्गाचा उदय, डायमंड प्रकाशन, पुणे.२००९
१४. धर्माधिकारी ए. बी. महाराष्ट्रातील समाज सुधारक, चाणक्य मंडळ परिवार प्रकाशन, पुणे. २००७
१६. नंदा बलराम (अनु.), वसंत पळशीकर, गोपाळ कृष्ण गोखले, ब्रिटीश राजवट व भारतीय नेमस्त युग, पुणे १९८६
१७. नरके हरी ,फडके य.दि. महात्मा फुले गौरव ग्रंथ, महाराष्ट्र राज्य शिक्षण विभाग, मुंबई. १९९३
१८. पवार जयसिंगराव, राजश्री शाहू स्मारक ग्रंथ, महाराष्ट्र इतिहास प्रबोधनी, कोल्हापूर. १९९९
१९. पाटील व्ही.बी.महाराष्ट्रातील समाजसुधारणेचा इतिहास, मेहता पब्लिशिंग हाऊस,पुणे. १९७८
२०. फाटक एन.आर. न्यायमूर्ती महादेव गोविंद रानडे यांचे चरित्र, नीलकंठ प्रकाशन, पुणे. १९६६
२१. फडकुले निर्मलकुमार, लोकहीतवादी कार्य आणि कर्तृत्व, कॉन्टिनेन्टल प्रकाशन, पुणे.१९७३
२२. बगाडे उमेश, महाराष्ट्रातील प्रबोधन आणि वर्गजाति प्रभुत्व, सुगावा प्रकाशन, पुणे. २००६ ,
२४. भोळे भा. ल. भारतीय राजकीय विचारवंत, पिंपलापुरे अंड कं.पब्लीशर्स,नागपूर. २०१८
२५. भोळे भास्कर लक्ष्मण, महात्मा ज्योतिराव फुले वारसा आणि वसा, साकेत प्रकाशन, औरंगाबाद.२००१
२६. पंडित नलिनी , महाराष्ट्रातील राष्ट्रवादाचा विकास, मॉडर्न बुक डेपो, पुणे.१९७४
२८. मोरे सदानंद. लोकमान्य ते महात्मा. राजहंस प्रकाशन.मुंबई.२००७
२९. रानडे महादेव गो. महाराष्ट्रातील समाज विचार १८१८ ते १८८४, सुविचार प्रकाशन मंडळ, नागपूर .
३०. सरदार ग. बा. अर्वाचीन मराठी गद्याची पूर्वपीठिका, मॉडर्न बुक डेपो ,पुणे १९३७.
- ३१ सरदार ग. बा. आधुनिक महाराष्ट्राचे उपेक्षित मानकरी. सुनंदा प्रकाशन, पुणे १९४१.
- ३२ सरदार जी. बी. महात्मा फुले व्यक्ति आणि विचार, ग्रंथाली प्रकाशन. पुणे .
३३. सरदेसाई बी. एन. आधुनिक महाराष्ट्र, फडके प्रकाशन, कोल्हापूर.२०००.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-4D)- (3 + 1 Credit)
Semester -V Course Title- Constitutional Development in India (1773-1853)

Course Objectives:

1. To Introduce the students to evolution of Constitution of India.
2. To study Factors and Situations that shaped the Constitutions.

Course Outcomes:

1. Students will understand evolution of Constitution of India.
2. Student will learn factors and conditions that contributed to constitution of India
3. Students will understand the Democratic Processes and thereby strengthen Democracy.

Pedagogy:

Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content:

Unit-I: Introduction. 10

- a) Establishment of East India Company and its success in India
- b) Structure of East India Company
- c) Dual Government in Bengal: Background, Nature and Evaluation

Unit-II: Regulation on East India Company 15

- a) Causes of Regulation on East India Company
- b) Regulating Act of 1773-Background, Provisions, Evaluation.
- c) Pitt's India Act of 1784 -Background, Provisions, Evaluation

Unit-III: Constitutional Development from 1784 to 1813 10

- a) The Charter Act of 1793-Background, Provisions, Evaluation

- b) The Charter Act of 1813- Background, Provisions, Evaluation.

Unit-IV: Constitutional Development from 1833 to 1853

10

- a) The Charter Act of 1833- Background, Provisions, Evaluation
b) The Charter Act of 1853- Background, Provisions, Evaluation

Reference Books

English:

1. Keith A.B.; A Constitutional History of India (1600-1935), Pacific Publication o Andesite Press, India
2. Sethi R.R. and Mahajan V.D.; Constitutional history of India, S. Chand Publication, New Delhi
3. Chhabra G.S.; Advanced study in the Constitutional History of India (1773-1947), New Academic Publishing Company, Jullundur, India
4. Sikri S.L.; A Constitutional History of India, S. Nagin and Company, Jullundur, India
5. Jayapalan N.; Constitutional History of India, Atlantic publication, India
6. Mishra V.B.; Evolution of the Constitutional History of India (1773-1947), South Asia books, India
7. Khan M.M.; Constitutional History of India, Wisdom Press, Darya Ganj, New Delhi
8. Pylee Dr. M.V.; Constitutional History of India, S. Chand Publication, Darya Ganj, New Delhi
9. Aggarwala R.N.(Dr.); National Movement and Constitutional Development of India, Metropolitan Book Co. (P) Ltd. Delhi
10. Bhatnagar M. and R.C. Agarwal; Constitutional Development and National Movement, S. Chand Publishing, New Delhi

मराठी

१. जोशी पद्माकर लक्ष्मीकांत ; भारताचा संवैधानिक इतिहास, विद्या प्रकाशन, नागपूर, १९९६.
२. भोगले शांताराम; भारतीय राष्ट्रीय आंदोलने आणि घटनात्मक विकास, विद्या प्रकाशन, नागपूर, १९९६ .
३. एस. गोपाल आणि सरोज देशपांडे; ब्रिटीशांची भारतातील राजनीती, डायमंड पब्लिकेशन, पुणे, २००६ .
४. गायकवाड रा. ज्ञा., प्रा. दि. ज्ञा. थोरात; भारताचा राजकीय आणि घटनात्मक इतिहास, रविल प्रकाशन, सातारा १९९९

हिंदी

भटनगर महेश , आर. सी. अगरवाल; भारतीय संविधान का विकास तथा राष्ट्रीय आंदोलन, एस. चांद पब्लिकेशन, २००८.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 C) – (2 Credits)

Notes:

- 1. The University Grants Commission has made it compulsory for students to earn two credits from a Skill Enhancement Course (SEC) in each semester second year onwards.**
- 2. It is mandatory for the student to complete one Skill Enhancement Course (SEC) in each semester from Semester V to Semester VI.**
- 3. It must be noted that student has to choose any one of the three Skill Enhancement Courses (SEC) for each Semester.**
- 4. Each Skill Enhancement Course (SEC) will have two (2) credits only.**

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 C) – (2 Credits)
Semester V: -SEC: 9 Course Title: South Indian Art and Architecture
(From 4th Century A.D. to 12th Century A.D.)

Objectives:

1. To acquaint the students, the Arts and Architecture of South India.
2. To acquaint the students, the and development of the Arts and Architecture of South India.
3. To enable the students to understand the Process of development of the Arts and Architecture of South India.
4. To create an interest among the students for the study of Arts and Architecture of South India.

Course Outcomes:

1. Students will get an overall understanding of the development of the Art and Architecture in South India.
2. They will understand the changing patterns of the Art and Architecture in South India.
3. They will understand the impact of Persian Art on Islamic Art and Architecture in South India

Unit. I- Introduction to Panting **10**

- a) Ajanta Painting.
- b) Lepakshi Painting.

Unit. II - Introduction to Sculpture **10**

- a) Mahabalipuram.
- b) Badami

Unit.III- Introduction to Architecture **10**

- a) Pattdakal ,Velur
- b) Tanjavur, Vesara style

Reference Books

English

1. Rowland B., Art and Architecture Of India, Penguin Book, London, 1967.
2. Agarwal, O. P. Ed. Conservation of Cultural Properties in India, New Delhi, 1967-68.
3. Brown, Percy, Indian Architecture, 2 Vols., Bombay, 1959.
4. Deglurkar, G. B. Temple Architecture and Sculpture of Maharashtra, Nagpur, 1974.
5. Fletcher, Bannister, A History of Architecture, 17th Ed., London, 1961.
6. Fergusson, James, History of Indian and Eastern Architecture, 2 Vols., Delhi, 1967.
7. Kramrisch, Stella, The Hindu Temple, 2 Vols., Delhi, 1980.
8. Sastri, K. A. N. The Culture and History of the Tamils, Calcutta, 1964.
9. Sastri, K. A. N. A History of South India, Madras, 1958.

मराठी

1. जोग, वि. वा. तमिळनाडचे संगमकालीन सुवर्णयुग, मुंबई, १९७५.
2. रेड्डी, बालशौरि, तमिलनाडु, दिल्ली, १९७०.
3. दीक्षित, विजय, वास्तुकला: काल, आज आणि उद्या, नासिक, १९७३.
4. माटे, म. श्री. प्राचीन भारतीय कला, पुणे, १९७४.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 C) – (2 Credits)
Semester V -SEC -:10 Research Paper Writing

Objectives

1. To describe importance of Inter-Disciplinary Research.
2. To introduce students to the Basics of Research.
3. To Describe the Research Outline

Course Outcomes:

1. Students will be introduced to the information and importance of Historiography.
2. Students can study the interdisciplinary approach History.
3. This curriculum Will help to develop Research ability and Process of Research Paper

Writing in History

Unit-I: Formulation of Problem **10**

- a) Survey of Literature.
- b) Gaps in Existing Research
- c) Research Question to bridge the gaps

Unit-II: Research Procedures **10**

- a) Research Design and its Implementation
- b) Source Collection, Close Reading, Criticism
- c) Grouping and Classification of Sources

Unit-III: Findings and Reporting **10**

- a) Drawing Conclusions based on available data
- b) Writing a Research Report
- c) Footnotes and Bibliography for acknowledging the credit of others

Reference Books

English

1. Barnes H.E., *History of Historical Writing*, Dover, New York, 1963.
2. Cannadine David (Ed.), *What is History Now?*, Palgrave Macmillan, Basingstoke, 2002.
3. Carr E.H., *What is History*, Penguin Books, Harmonds worth, 1971.
4. Chitnis K.N., *Research Methodology in History*, Pune.
5. Elton G.R., *Practice of History*, Blackwell, London, 2001.
6. E.Shridharan, *A Textbook of Historiography 500 BC to AD 2000*, Orient Black Swan, New Delhi.
7. Sarkar Sumit, *Writing Social History*, OUP, Delhi, 1998.
8. Shiekh Ali, *History : Its Theory and Method*, Macmillan Publication, Madras, 1972.
9. Tikekar S.R., *On Historiography*, Mumbai, 1964.

मराठी

आठवले सदाशिव, इतिहासाचे तत्त्वज्ञान, प्रज्ञा प्रकाशन, वाई, १९८८.

कार इ.एच., इतिहास म्हणजे काय? कॉन्टीनेन्टल प्रकाशन, पुणे, १९९८

कुलकर्णी अ.रा. मराठ्यांचे इतिहासकार, डायमंड पब्लिकेशन्स, पुणे, २००९

कोठेकर शांता, इतिहासाचे तंत्र आणि तत्त्वज्ञान, साईनाथ प्रकाशन नागपूर, २००५

खरे ग.ह. संशोधांकाचा मित्र, भारत इतिहास संशोधन मंडळ, पुणे, १९७०.

गर्गे स.मु. इतिहासाची साधने: एक शोधयात्रा पॉप्युलर प्रकाशन, मुंबई, २०००.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 C) – (2 Credits)
Semester V -SEC: 11 Course Title: - Museology

Objectives:

1. To acquaint the students with the rise and development of Museum.
2. To impart to the students an understanding of the importance of material history through Museum.
3. To encourage the students to collect the material or sources of History for local, regional and National History through Museum.
4. To enable the students to collect Various Articles as a tool of History.

Course Outcomes:

1. The Students will understand the Concepts of Museum and learn the basic Principles of Museology
2. The Students will gain Comprehensive Knowledge of the Process of Cringe and Conserving Museum of objects

Unit-I: Introduction

10

- a) Definition
- b) History of Museum
- c) Importance of Museum

Unit-II: Main Museums in Maharashtra.

10

- a) Museums before Independence
- b) Museums after Independence
- c) Role of Curator

Unit-III: Types of Museums

10

- a) Arts Museums
- b) Historical Museums.

Reference Books

English

1. Agarwal, O. P. *Conservation of Manuscripts and Paintings of South-East Asia*, London, 1984.
2. Agarwal, Usha, *Directory of Museums in India*, New Delhi, 2000.
3. Bartz, Bettina Optiz, Helmut Richter, Elizabeth, Eds., *Museums of the World*, 1992.
4. Bornham, Bonnie, *Protection of Cultural Property: A Handbook of National Legislation*, Paris, 1974.
5. Coleman, L. V. *Museum Buildings, Vol. I*, Washington, 1950.
6. Coleman, L. V. *The Museums in America, 3 Vols.*, Washington, 1939.
7. Edson, Gary Dean, David, *The Handbook of Museums*, 1994.
8. Hudson, Kenneth Nicholls, Ann, Eds., *World Directory of Museums*, New York, 1975.
9. International Council of Museums, *Directory of Museums in the Arab Countries*, London, 1995.
10. Knell, Simon, Comp. and Ed., *A Bibliography of Museum Studies*, 1994.
11. Sarkar, H. *Museums and Protection of Monuments and Antiquities in India*, Delhi, 1981.
12. Woodhead, Peter Stansfield, Geoffrey, *Key Guide to Information Sources in Museum Studies*, 1994.

मराठी

१. केतकर, श. म. *संग्रहालयपरिचय*, पुणे, १९६२.

Savitribai Phule Pune University, Pune
Proposed syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Core Course 4 (3 Credit)
Semester VI: Course Title: - India After Independence- (1947-1991)

Objectives:

1. To make the students aware about the making of Contemporary India and events that panned out in the Post-Independence Era.
2. To make the students aware of the Multi-Dimensionality of Modern India.
3. To highlight the ideas, institutions, forces and movements that contributed to the shaping of Indian Modernity.
4. To acquaint the students with various Interpretative and Analytical perspectives.

Course Outcomes:

1. It will enable students to develop an overall understanding of the Contemporary India.
2. To increase the spirit of healthy Nationalism, Democratic Values and Secularism among the students.
3. Students will understand various aspects of India's domestic and foreign policies that shaped Post-Independence India.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Unit I: Challenges after Independence

13

- a) Consequences of Partition
- b) Integration of Princely states- Kashmir, Junagadh, Hyderabad
- c) Liberation of Portuguese and French Colonies- Goa, Pondicherry, Chandranagore
- d) Indian Constitution – Salient Features
- e) Linguistic Reorganization of States

Unit II: India's Foreign Policy

10

- a) Non Aligned Movement
- b) Indo-Pak Relations, Conflicts and the birth of Bangladesh
- c) Indo-Sino Relations, Conflicts and Panchsheel
- d) Indo-Sri Lanka Relations

Unit III: Domestic Policy

10

- a) Hindu Code Bill: Nature and Impact
- b) Emergency: Background, Nature and Impact
- c) Space Research

Unit IV: Economic Policy

12

- a) Mixed Economy and Five Year Plans
- b) Industrial Development
- c) Nationalization of Banks - First Demonetization
- d) Privatization, Liberalization and Globalization: Brief Introduction

Reference Books:

English

1. Chandra Bipan: Mukherjee Mridula: Mukherjee Aditya; India After Independence; Penguin: India 1999
2. Lapierre Dominique and Collins Larry; Freedom at Mid night; William Collins and Simon & Schuster; UK & USA;1975
3. Guha Ramchandra; India After Gandhi: The History of the World's Largest Democracy; Harper Collins; India; 2007
4. Metcalf Barbara D., Metcalf Thomas R; [A Concise History of Modern India](#); [Cambridge University Press](#); 2012
5. Talbot Ian, Singh Gurharpal; [The Partition of India](#), Cambridge University Press; 2009
6. Wolpert Stanley; [A New History of India](#), Oxford University Press; 1977
7. Ansari Sarah Life after Partition: Migration, Community and Strife in Sindh: 1947–1962; Oxford, UK: Oxford University Press; 2005.
8. Sarvepalli Gopal, Jawaharlal Nehru: A Biography. 1947-1956. Volume Two (1979)
9. Chacko Priya; [Indian Foreign Policy: The Politics of Postcolonial Identity from 1947 to 2004](#); Routledge; 2013.
10. Kulke, Hermann; A History of India; Routledge; 2004
11. Menon Shivshankar Menon; [Choices: Inside the Making of India s Foreign Policy](#); Penguin; India; 2016
12. G.W. Choudhury, India, Pakistan, Bangladesh, and the major powers: politics of a divided subcontinent; Cambridge University Press; India;1975
13. Kore, V.S. ["Liberation of Goa: Role Of The Indian Navy"](#); Bharat Rakshak; 2013.
14. Ashton, S.R.; British Policy towards the Indian States, 1905–1938, London Studies on South Asia no. 2, London; Curzon Press;2003
15. [Khanna, Justice H.R.](#); Making of India's Constitution; Eastern Book Company; 2008.
16. [Austin, Granville](#); The Indian Constitution: Cornerstone of a Nation (2nd ed.). Oxford University Press;1999
17. Ganguly Sumit; [‘India, Pakistan, and Bangladesh: Civil-Military Relations’](#), Oxford Research Encyclopaedia of Politics, Oxford University Press; 2020
18. Sukumaran, R; [‘1962 India-China War and Kargil 1999: Restrictions on Air Power’](#); 2003

19. Dube, Rajendra Prasad; [Jawaharlal Nehru: A Study in Ideology and Social Change](#); 1998
20. Maheshwari Neerja; [Economic Policy of Jawaharlal Nehru](#). Deep & Deep; 1997
21. Jayakar Pupul; [Indira Gandhi: A Biography](#); Penguin Books India; 1992.
22. Chandra, Bipan; [In the name of democracy : JP movement and the emergency, Chapter 4, Emergency imposed](#); Penguin Books; New Delhi; 2003.
23. Agrawal Narayan; [Lal Bahadur Shastri, Churn of Conscience](#). Eternal Gandhi; 2006.
24. Nehru, S., ed.; [Economic Reforms in India: Achievements and Challenges](#); MJP Publisher; Chennai; 2019
25. Shiva, Vandana; [The Violence of the green revolution : Third World agriculture, ecology, and politics](#); 1991.

मराठी

- कोठेकर शांता ,आधुनिक भारताचा इतिहास १९४७ ते २००० श्रीसाईनाथ प्रकाशन नागपूर २००८.
- कोठेकर शांता, वैद्य सुमन, स्वतंत्र भारताचा इतिहास (१९४७ ते १९८६), श्रीसाईनाथ प्रकाशन नागपूर २००८
- चंद्र बिपन(अनु.) पारधी मा.कृ. व इतर, स्वतंत्र्यतोतर भारत, के सागर पब्लिकेशन, पुणे.
- तळवलकर गोविंद , नवरोजी ते नेहरू , माजेस्टिक प्रकाशन, मुंबई, १९८९
- दिवान चंद्रशेखर, भारताची विदेशनीती , विद्या प्रकाशन, नागपूर, १९९२
- ब्रम्हे सुलभा (संपा.) धं.रा. गाडगीळ लेखसंग्रह खंड १, गोखले अर्थशास्त्र संस्था पुणे
- महाजन समाधान , आधुनिक भारताचा इतिहास , युनिक अकादमी पुणे २०१८

Savitribai Phule Pune University, Pune
Proposed syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Core Course 4 History of Civilization (3 Credit)
Semester VI Course Title: -World Civilization and Heritage (Part II)

Course Objectives:

1. To Orient students about Western Classical Civilization of Greece and Roman.
2. To introduce students to the Arab Civilization and its various aspects.
3. To study various Concept and theory's in Medieval Europe.
4. To understand the Renaissance- Reformation Movement and impact of various Past Civilizations.
5. To create motivation and curiosity among the students through the age of discoveries in Ancient and Medieval times.

Course Outcomes:

1. Students will be oriented about Western Classical Civilization of Greece and Rome.
2. Students will be introduced to Arab Civilization and its impact on world Civilization.

Pedagogy Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content:

Unit I: Western Classical Civilization **12**

- a) Greece Civilization- Social Life, Economy, Cultural Life, Religious belief
- b) Roman Civilization – Philosophy, Socio-Economic Life, Religion, Art and Architecture,
- c) Contribution of Greece and Roman Civilization in World History

Unit II: Arab Civilization **11**

- a) Economic and Cultural Life, Literature, Art and Architecture
- b) Contribution in History Writing
- c) Impact of Arab culture on World Civilization

Unit III: Life in Medieval Europe **12**

- a) Meaning and Nature of Feudalism, Church and State
- b) Economy, Social Life, Rise of Nation States
- c) Impact of Renaissance Period

Unit IV: Historical World Heritage

10

a) Introduction

b) Famous Historical World Heritage Sites- Great Wall of China: China, Great Pyramid of Giza: Egypt, Petra: Jordan, Colosseum: Rome, Chichen Itza: Mexico, Machu Pichu: Peru, Taj Mahal: India, Christ the Redeemer: Brazil

c) Importance of World Heritage Sites

Reference Books:

English

1. B. Kumar, Encyclopedic study of World History, Kunal Books, New Delhi, 2012
2. Gerrit P. Judd, A History of Civilization, Collier-Macmillan, New York, 1966, reprinted 1967.
3. Nanda S.P, History of the World, Dominant Publishers and distributors. Pvt. Ltd. New Delhi, 2007, (Reprint 2011)
4. Swain James Edgar (1970) -A History of World Civilization, Eurasia publishing House (P) Ltd. Delhi-55.
5. Graham, W.A., Kagan, D., Ozment, S., and Turner, F.M., The Heritage of World Civilization, 2 vols., Macmillan, 1986
6. Cambridge Medieval History. (Macmillan, 1911) 8 Vols.
7. Hause, S. and Maltby, W., The Essentials of Western Civilization, Wadsworth, USA, 2001. Lucars, H.S., A Short History of Civilization
8. Miller, David, The Black Well Encyclopedia of Political Thought, Blackwell Reference, New York, 1987.
9. Modell, S., A History of the Western World, 2 vols., Prentice-Hall Inc., New Jersey, 1974
10. Pirenne, Jacques, and The Tides of History: From the beginnings to Islam, George Allen and Union, Ltd., London, 1962 Vol. I.
11. Stavrianos, L.S., The Epic of Modern Man, Prentice Hall, Englewood Cliffs, 1966.
12. Wallbank, T.W., Taylor, A.M., Bailkry, N.M., Civilizations – Past and Present.
13. Weech, W.N., History of the World
14. Managing world heritage sites - Anna leask and Allan fall

15. World heritage conservation the World Heritage convention linking culture and nature for sustainable development - Claire cave and blene Negussie

मराठी

ओतूरकर रा. वि, आर. पोतनीस व जी. एच. महाजन, जगाचा संक्षिप्त इतिहास भाग १, अनाथ वसतिगृह प्रकाशन, पुणे १९५६.

कोलारकर शं. गो. पाश्चिमात्य जग, मंगेश प्रकाशन, नागपूर २००५.

मराठे डी. एस. जगाचा इतिहास, देशमुख आणि कं. प्रा. लि, पुणे १९५६.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-3C) -(3 + 1 Credit)
Semester –VI, Course Title: Applied History

Course objectives:

- 1) To Introduce students to information and importance of Applied History.
- 2) To help students understand the usefulness of history in the 21st century, its changing perspectives, the new ideas that have been invented, and the importance of History in a Competitive World.
- 3) To inform the students about the historical significance of Archaeology and Archives and the opportunities in the field of Archaeology and Archives through this course.
- 4) To inform the students about the opportunities in the field of Media, Museums through this Course.

Course Outcomes:

1. Students will be introduced to the information and importance of applied history.
2. Student will learn about the Historical significance of Archaeology and Archives and opportunities in the field of Archaeology and Archives.
3. Through this course, students will be informed about the opportunities in the field of Media, Museums.
4. Students will learn about the usefulness of history in the 21st Century, its changing Perspectives, the new ideas that have been invented, and the importance of History in a Competitive World.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content

Unit-I. Applied History

14

- a. Applied History: Concept and Application
- b. Application of History in Various Subjects
- c. Co-relationship between Past and Present
- d. Contemporary History: Meaning and Nature

Unit-II. Archaeology and Archives

15

- a) Archaeology and Archives: Definition and Development in India
- b) Archival Sources: Ancient, Medieval and Modern- A brief survey
- c) Heritage Sites: Types, Preservation and Conservation
- d) Historical Importance of Heritage Sites and Museums

Unit-III. Mass Media and Applied History

16

- a) Mass Media: Meaning and Types
- b) Print media:
 - i). Establishment and growth of printing press in India
 - ii). Newspaper: Definition, Rise, Newspaper in India - A brief survey
- c) Electronic media: Radio, Television, E-media.

Unit-IV: Project Work /Study Tour Report/Historical Places Visit Rreport

Project work and Evaluation scheme

1. Candidate shall submit Project report of minimum 2000 words i.e.10 to12 pages
(Should be DTP) to the department by end of the Semester.
2. A viva-voce should be conducted before theory examination and the results should be sent to the University as immediately
3. The Distribution of Marks – For Report Writing 20 Marks and for Vice-Voce 10 Marks

Reference Books

English

- 1) Bajaj Satish K, Research Methodology in History, Amol Pub Pvt.Ltd, New Delhi.
- 2) Bobade Bhajang R., Manuscriptology from Indian Sources, Pacific Publication, Delhi.
- 3) Carr E.H., What is History, Penguin Books, Harmondsworth, 1971.
- 4) Chitnis K.N., Research Methodology in History, Navi Path, Pune1979.
- 5) Collingwood R.G., The Idea of History, Oxford university,1961.
- 6) Datta.K.B., Mass Media in India, Akansha Publishing House, New Delhi,2005.
- 7) Director General, Archaeological Remains, Monuments and Museums Part1&2, Archaeological Survey of India, New Delhi, 1964.
- 8) Gaur.M. M., Electronic Media, Omega Publication, Delhi, 2006.

- 9) Ghose, Sallen, Archive in India, Calcuttd, 1963.
- 10) Mehara Chandar, History of Newspapers in India, Notion Press, Chennai, 2019.
- 11) Mujumdar R.K., Shrivastava A.N., Historiography, subject Book, Delhi, 06, 1975.
- 12) Shobita Punija, Museum of India, The Guidebook, Hon Kong, 1990.

मराठी

- आर्य पी .के ., इलेक्ट्रॉनिकमिडिया , प्रभातप्रकाशन , नवी दिल्ली ,
 कटारे , साखरे, पाटील , पुरातत्वविद्या , वस्तुसंग्रहालय आणि पर्यटन, जेनरिक पब्लिशर, २०१५.
 कार.ई .एच ., अनुवाद .प्रा.वि.गो.लेले , इतिहास म्हणजे काय , कन्टीनेन्टल प्रकाशन , पुणे , ३०.
 कोठेकर शांता , इतिहास तंत्र आणि तत्वज्ञान , श्रीसाईनाथ प्रकाशन , नागपूर , २००५ .
 कोल्हटकर संजय, कुलकर्णी प्रसाद, महाराष्ट्रातील प्रसारमाध्यमे काल आणि आज, डायमंड पब्लिकेशन, पुणे.
 खोबरेकर रवि .गो ., महाराष्ट्रातील दसरखाने , महाराष्ट्र राज्य साहित्य आणि सांस्कृतिक मंडळ , मुंबई , १९८८ .
 गर्गे स.मा ., इतिहासाची साधने: एक शोध यात्रा , पॉप्युलर प्रकाशन , मुंबई , १९९४.
 गायकवाड , सरदेसाई , हनमाने , ऐतिहासिककागदपत्रे व स्थळे यांचा अभ्यास , फडके प्रकाशन , कोल्हापूर , १९८९ .
 जोशी लक्ष्मणशास्त्री तर्कतीर्थ , पुरातत्वविद्या , मराठी विश्वकोश खंड ९ , महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ , मुंबई.
 जोशी लक्ष्मणशास्त्री तर्कतीर्थ, मुद्रण , मराठी विश्वकोश खंड १३ , महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ , मुंबई.
 ढवळीकर मधुकर , पुरातत्वविद्या , म.रा.सा.सं.मं.मुंबई , १९८०.
 थोरात भास्कर वस्तुसंग्रहालयशास्त्र - पुरातत्वविद्या , पुराभिलेख व ग्रंथालयशास्त्र , प्राची प्रकाशन , मुंबई, २००१
 दळवी जयमती , भारतातील प्रसारमाध्यमे काल आणि आज, डायमंड पब्लिकेशन , पुणे.
 देव प्रभाकर , इतिहास एक शास्त्र , कल्पना प्रकाशन , नांदेड , मार्च १९९७.
 देव बी , पुरातत्वविद्या , कॉन्टीनेन्टल प्रकाशन , मुंबई. २००८ .
 देशमुख प्रशांत , इतिहासाचे तत्वज्ञान , विद्या बुक पब्लिशर्स , औरंगाबाद , २००५.
 पाटील सुलोचना , उपयोजित इतिहास , प्रशांत पब्लिकेशन , जळगाव.
 रानडे अनुराधा, समेळ स्वप्ना , पुरातत्वशास्त्र , वस्तुसंग्रहालयशास्त्र , ग्रंथालयशास्त्र , इतिहास अभ्यास पत्रिका क्र. ६ , दूरवमुक्त: अध्ययनसंस्था , मुंबई विद्यापीठ, मुंबई.
 लेले.रा.क ., मराठी वृत्तपत्रांचा इतिहास , कॉन्टीनेन्टल प्रकाशन , पुणे , १९८४.
 वळसंगकर रकृ.ना ., इतिहास विचारतरंग , कॉन्टीनेन्टल प्रकाशन , पुणे , १९७४.
 सरदेसाई बी.एन ., इतिहास लेखनशास्त्र, फडके प्रकाशन , कोल्हापूर , २००२.
 सांकलीया हसमुख , पुरातत्वपरिचय , डेक्कन कॉलेज , पोस्टग्राएज्युट अँड रीसर्च सेंटर , पुणे , १९९६

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-4D)- (3 + 1 Credit)
Semester -VI, Course Title: History of Maharashtra in the 20th Century

Course Objectives:

1. To Introduce the students to the history of 20th Century in Maharashtra
2. To study Political, Social, Economic and Conceptual History of the 20th Century Maharashtra in an Analytical way with the help of Primary Sources.
3. To evaluate contribution of 20th Century in Maharashtra to the establishment of Maharashtra state contribution of successors and later development of the 19th century Maharashtra
4. To study Socio-Religious System of the 20th Century in Maharashtra.

Course Outcomes:

1. Student will develop the ability to analyses sources for 20th Century Maharashtra History.
2. Student will learn significance of regional history and Socio- Religious Reformism foundation of the region.
3. It will enhance their Perception of 20th Century Maharashtra.
4. Appreciate the skills of leadership and the Socio-Religious System of the Maharashtra.

Pedagogy:

Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course content

Unit I. Thoughts and work of Intellectuals 15

- a) Pandita Ramabai
- b) Rajarshri Chhatrapati Shahu Maharaj
- c) Maharshi Vitthal Ramji Shinde
- d) Maharshi Dhondo Keshav Karve
- e) Maharaja Sayajirao Gaikwad.
- f) Dr. Babasaheb Ambedkar
- g) Karmaveer Bhaurao Patil

Unit II. Industrial and Economic Development of Maharashtra **10**

- a) Industrialization and Urbanization
- b) Cotton and Sugar Industry
- c) Co-operative Movement -Brief survey

Unit III. Movements in 20th Century Maharashtra **10**

- a) Workers Movement
- b) Peasants Movement
- c) Dalit Movement
- d) Non-Brahmin Movement

Unit IV. Integration and Reorganization of Maharashtra **10**

- a) Marathawada Mukti Sangram
- b) Sanyukta Maharashtra Movement
- c) Maharashtra-Karnataka Border Dispute

Reference Books

English:

1. Ballhatchet Kenneth, Social Policy and Social Change in Western India. 1817-1830, OUP, 1961.
2. Nurullah Syed and Naik J.P. A History of Education in India (During the British Period) Macmillan ana Co.Ltd. Bombay,1951.
3. Paranjpe Shrikant, Dixit Raja and Das C.R. Western India: History Society and Culture, Itihas Shikshak Mahamandal, Maharashtra, Pune-1997.
4. Ravindra Kumar, Western India in the Nineteenth Century: A Study in the Social History of Maharashtra Routledge and Kegan Paul, Toronto, 1968.

मराठी:

१. अत्रे शुभांगी, महाराष्ट्र संस्कृती, डायमंड प्रकाशन, पुणे.१८१८
२. कीर धनंजय, महात्मा ज्योतिराव फुले आमच्या समाज क्रांतीचे जनक, पॉपुलर प्रकाशन, मुंबई.२०१२
३. कुलकर्णी शिल्पा, महाराष्ट्राचे समाज सुधारक, डायमंड प्रकाशन, पुणे.२०१२
४. कुलकर्णी, पु. बा. ना. नाना शंकरशेट यांचे चरित्र, मुंबई,१९५९
५. केतकर कुमार, कथा स्वातंत्र्याची, ग्रंथाली प्रकाशन, पुणे.१९८५
६. गरुड अण्णासाहेब, सावंत बी.बी. महाराष्ट्रातील समाज सुधारणा चळवळीचा इतिहास, कैलास पब्लिकेशन, औरंगाबाद १९८६

७. गर्गे एस. एम. गोपाळ गणेश आगरकर, नॅशनल बुक ट्रस्ट इंडिया, न्यू दिल्ली. १९९६

८. चौसाळकर अशोक, महर्षी विठ्ठल रामजी शिंदे यांचे धर्मविषयक विचार लोकवाडमय गृह प्रकाशन मुंबई. २००९

९. चौसाळकर अशोक, महाराष्ट्रातील महर्षी विठ्ठल रामजी शिंदे, लोकवाडमय गृह प्रकाशन मुंबई २०११

१०. जावडेकर आचार्य, आधुनिक भारत, कॉन्टिनेन्टल प्रकाशन, पुणे. २०१०

१३. दीक्षित राजा. एकोणिसाव्या शतकातील महाराष्ट्रातील मध्यम वर्गाचा उदय, डायमंड प्रकाशन, पुणे. २००९

१४. धर्माधिकारी ए. बी. महाराष्ट्रातील समाज सुधारक, चाणक्य मंडळ परिवार प्रकाशन, पुणे. २००७

१६. नंदा बलराम (अनु.), वसंत पळशीकर, गोपाळ कृष्ण गोखले, ब्रिटीश राजवट व भारतीय नेमस्त युग, पुणे १८६६

१७. नरके हरी , फडके य.दि. महात्मा फुले गौरव ग्रंथ, महाराष्ट्र राज्य शिक्षण विभाग, मुंबई. १९९३

१८. पवार जयसिंगराव, राजश्री शाहू स्मारक ग्रंथ, महाराष्ट्र इतिहास प्रबोधनी, कोल्हापूर. १९९९

१९. पाटील व्ही.बी. महाराष्ट्रातील समाजसुधारणेचा इतिहास, मेहता पब्लिशिंग हाऊस, पुणे. १९७८

२०. फाटक एन.आर. न्यामूर्ती महादेव गोविंद रानडे यांचे चरित्र, नीलकंठ प्रकाशन, पुणे. १९६६

२१. फडकुले निर्मलकुमार, लोकहीतवादी कार्य आणि कर्तृत्व, कॉन्टिनेन्टल प्रकाशन, पुणे. १९७३

२२. बगाडे उमेश, महाराष्ट्रातील प्रबोधन आणि वर्गजाति प्रभुत्व, सुगावा प्रकाशन, पुणे. २००६ ,

२३. भालेराव आनंद. मराठवाड्याचा स्वातंत्र्यसंग्राम. स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ संशोधन संस्था, औरंगाबाद. १९९९

२४. भोळे भा. ल. भारतीय राजकीय विचारवंत, पिंपलापुरे अंड कं. पब्लिशर्स, नागपूर. २०१८

२५. भोळे भास्कर लक्ष्मण, महात्मा ज्योतिराव फुले वारसा आणि वसा, साकेत प्रकाशन, औरंगाबाद. २००९

२६. पंडित नलिनी , महाराष्ट्रातील राष्ट्रवादाचा विकास, मॉडर्न बुक डेपो, पुणे. १९७४

२७. मंगुडकर एम.पी. महाराष्ट्रातील समाज प्रबोधन आणि छत्रपती शाहू महाराजांचे कार्य, पुणे विद्यापीठ प्रकाशन, पुणे.

२८. मोरे सदानंद. लोकमान्य ते महात्मा. राजहंस प्रकाशन. मुंबई. २००७

२९. रानडे महादेव गो. महाराष्ट्रातील समाज विचार १८१८ ते १८८४, सुविचार प्रकाशन मंडळ, नागपूर .

३०. सरदार ग. बा. अर्वाचीन मराठी गद्याची पूर्वपीठिका, मॉडर्न बुक डेपो , पुणे १९३७.

३१ सरदार ग. बा. आधुनिक महाराष्ट्राचे उपेक्षित मानकरी. सुनंदा प्रकाशन, पुणे १९४१.

३२ सरदार जी. बी. महात्मा फुले व्यक्ति आणि विचार, ग्रंथाली प्रकाशन. पुणे .

३३. सरदेसाई बी. एन. आधुनिक महाराष्ट्र, फडके प्रकाशन, कोल्हापूर. २०००.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-4D)- (3 + 1 Credit)
Semester -VI, Course Title- Constitutional Development in India (1858-1950)

Course Objectives:

1. To Introduce the Students to evolution of Constitution of India.
2. To Study factors and Situations that shaped the Constitutions.

Course Outcomes:

1. Student will understand evolution of Constitution of India.
2. Student will learn factors and conditions that contributed to Constitution of India
3. Students will understand democratic processes and thereby strengthen Democracy.

Pedagogy:

Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content

Unit-I: Constitutional Development 1858-1891 **10**

- a) Government of India Act 1858 and Queen's Proclamation – Background, Provisions, Significance.
- b) Indian Councils Act of 1861- Causes, Provisions, Evaluation.
- c) Indian Councils Act 1891 – Causes, Provisions, Evaluation.

Unit II: Indian Councils Acts **15**

- a) Morley-Minto Reforms Act 1909 -Background, Provisions, Significance, Effects
- b) Montagu-Chelmsford Reforms Act 1919- Background, Provisions, Significance, Effect.

Unit-III: The Government of India Act 1935 **10**

- a) Background - Simon Commission, Nehru Report, Round table Conferences
- b) The Salient Features of Government of India Act 1935
- c) Provincial Autonomy

- a) Cripps Mission
- b) Wavell Plan, Cabinet Mission Plan
- c) Mountbatten Plan and Indian Independence Act 1947
- d) Indian Constitution - Salient Features

Reference Books:**English**

1. Keith A.B.; A constitutional history of India (1600-1935), Pacific Publication o Andesite Press, India
2. Sethi R.R. and Mahajan V.D.; Constitutional history of India, S. Chand Publication, New Delhi
3. Chhabra G.S.; Advanced study in the constitutional history of India (1773-1947), New Academic Publishing Company, Jullundur, India
4. Sikri S.L.; A Constitutional history of India, S. Nagin and Company, Jullundur, India
5. Jayapalan N.; Constitutional History of India, Atlantic publication, India
6. Mishra V.B.; Evolution of the Constitutional history of India (1773-1947), South Asia books, India
7. Khan M.M.; Constitutional history of India, Wisdom Press, Darya Ganj, New Delhi
8. Pylee Dr. M.V.; Constitutional history of India, S. Chand Publication, Darya Ganj, New Delhi
9. Aggarwala R.N.(Dr.); National Movement and constitutional Development of India, Metropolitan Book Co. (P) Ltd. Delhi

मराठी

- जोशी पद्माकर लक्ष्मीकांत ; भारताचा संवैधानिक इतिहास, विद्या प्रकाशन, नागपूर, १९९६.
- भोगले शांताराम; भारतीय राष्ट्रीय आंदोलने आणि घटनात्मक विकास, विद्या प्रकाशन, नागपूर, १९९६ .
- एस. गोपाल आणि सरोज देशपांडे; ब्रिटीशांची भारतातील राजनीती, डायमंड पब्लिकेशन, पुणे, २००६ .
- गायकवाड रा. ज्ञा., प्रा. दि. ज्ञा. थोरात; भारताचा राजकीय आणि घटनात्मक इतिहास, रविल प्रकाशन, सातारा, १९९९

हिंदी

- भटनागर महेश , आर. सी. अगरवाल; भारतीय संविधान का विकास तथा राष्ट्रीय आंदोलन, एस. चांद पब्लिकेशन, २००८.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 D) – (2 Credits)
Semester VI SEC: 12 Course Title: -Heritage Management

Course Objectives:

1. To understand the introduction of Heritage Management to the Students
2. To get an Opportunity to seek self-employment to the students

Course Outcomes:

1. Student will understand over all process of Heritage Management
2. Student will get the knowledge about scope and the fact of Heritage Management.
3. The students will enable to understand about legal and commercial framework of Heritage

Unit-I: Heritage **10**

- a) Define the concept of Heritage
 - i) Local
 - ii) National
 - iii) International
- b) Nature and Scope
- c) Importance of Heritage

Unit-II: Heritage Tourism **10**

- a) Define the Concept of Heritage Tourism
- b) UNESCO World Heritage Site in India
- c) UNESCO World Heritage Site in Maharashtra

Unit- III: Heritage Site Management **10**

- a) Roll of Government
- b) Roll of Common People
- c) Field Visit and Report

Reference Books

1. Kernal Balsar, The concept of the Common heritage of Mankind, Vol.30 Martinus Nijhoff
2. Richard Harrison (ed), Manual of Heritage Management, Butterworth Heineman.
3. Devide T Herbert (ed), Heritage Tourism and Society, Mausell.
4. Nagar S.L, Protection, Conservation and preservation of India's monuments. Aryan books
5. Chainani, S., Heritage conservation legislative and organizational policies for India. New Delhi: INTACH. 2007
6. UNESCO and its Programmes , protection of mankind's cultural heritage sites and monuments, UNESCO 1970. International, New Delhi 1998

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 D) – (2 Credits)
Semester VI: 13 Course Title: - Archaeology

Course Objectives:

1. This paper is designed to introduce the students to the Key Concepts and practical approaches in Archaeology, highlighting their applications in interpreting the Human past.
2. It will enable students to understand the definition, aims and scope of Archaeology and its development as a discipline will be introduced to the Students.
3. The nature of the Archaeological record and the unique role of science in Archaeology is explained to the students.
4. Legislation related to Archaeology and the role of Archaeology in Heritage Management is also discussed in this course.

Course Outcomes:

1. Students will learn to understand the definition, aims and scope of Archaeology so as to understand its applications in interpreting the human past.
2. They will be able to understand the nature of the archaeological record and the unique role of science in archaeology.
3. They will have an overall understanding of the Archaeology.

Course Content:

Unit- I: Definition, Aims and Scope of Archaeology	10
a) Archaeology as the Study of the Past: Definition, Aims, and Scope	
b) Significance of Archaeology	
c) Archaeology and History: Differences and Similarities	
 Unit- II: Development of Archaeology in India	 10
a) Archaeological Survey of India	
b) Tata Fundamental Research Institute Mumbai	
c) Deccan College Pune	
 Unit-III: Value of Archaeology	 10
a) Cultural Heritage	
b) Monuments	

Reference Books-

1. Binford, L.R. 1972 Introduction. *An Archaeological Perspective*, pp. 1–14. Seminar Press, New York.
2. Chakrabarti, D.K. 1988. *A History of Indian Archaeology: From the Beginning to 1947*. New Delhi: Munsiram Manoharlal.
3. Daniel, Glyn, E. 1975. *A Hundred and Fifty Years of Archaeology*. London: Duckworth.
4. Dhavalikar, M K. 1984. Towards an Ecological Model for Chalcolithic Cultures of Central and Western India. *Journal of Anthropological Archaeology* 3. Pp- 133-158
5. Fagan, B. 1988. *In the beginning: An Introduction to Archaeology*. Glenview: Scott, Foresman and company.
6. Flannery, K.V., and J. Marcus 1998 *Cognitive Archaeology*. In *Reader in Archaeological Theory: Post-Processual and Cognitive Approaches*, edited by D. Whitley, pp. 35–48. Routledge, London.
7. Gardner, A. 2009 Agency. In *Handbook of Archaeological Theories*, edited by R.A. Bentley, H.G. Maschner, and C. Chippindale, pp. 95–108. AltaMira Press, Lanham, MD.
8. Gifford-Gonzalez, Diane. 2011. Just Methodology? A Review of Archaeology's Debts to Michael Schiffer. *Journal of Archaeological Method & Theory* (2011) 18: 299–308.
9. Hodder, I. 1995. *Interpreting Archaeology: Finding Meaning in the Past*. New York: Routledge.
10. Hurcombe Linda 2007. *Archaeological artefacts as material culture*. New York: Routledge
11. Kelly, R.L. 1995. Chapter 3, Foraging and Subsistence. In *The Foraging Spectrum: Diversity in Hunter- Gatherer Lifeways*. Smithsonian Institution Press, Washington, D.C. (pp. 65–110)
12. McIntosh Jane R. 2008. *Ancient Indus Valley: New Perspectives*. Abc Clio. California.
13. McHenry, Henry M. 2009. *Human Evolution in Evolution: The First Four Billion Years*, edited by M. Ruse and J. Travis. Cambridge, Massachusetts: Harvard University Press. Pp. 256-280
14. Paddayya, K. 1990. *New Archaeology and Aftermath: View from Outside the Anglo-American World*. Pune: Ravish Publishers
15. Paddayya, K. 2014. *Multiple Approaches to the Study of India's Early Past: Essays in Theoretical Archaeology*. Aryan Books International
16. Schiffer, M.B. 1995. *Behavioral Archaeology: First Principles*. Salt Lake City: University of Utah Press

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit System)
Form the Academic Year 2021-2022
Under the Faculty of Humanities
Skill Enhancement Courses (SEC 2 D) – (2 Credits)
Semester VI -SEC:14 Course Title: Numismatics

Course Objectives:

1. This paper is designed to introduce the students to the Currency system of Ancient India.
2. It aims at acquainting the students about the development in the Coinage System.

Course Outcomes:

1. Students will be able to identify and decipher the Coins.
2. They will also be able to understand the Socio-Political background that accure through the coinage of that time; thus getting holistic picture of that economic system prevalent in Ancient India.

Course Content:

Unit-I: Introduction to Numismatics	7
a) Numismatic Studies: Terminology and Scope	
b) Importance in the Reconstruction of Socio-Cultural and Economic History	
Unit-II: Study of Ancient Indian Coinage: Polity-Economic Dimensions	8
a) The Mauryan Age - Karshapanas Coins	
b) Coins of the Post Mauryan Age	
c) Coins of the Guptas	
Unit-III: Study of Medieval Coins	7
a) Coinage of the Delhi Sultanate and Mughal Period	
b) Coins of Vijaynagar	
c) Coins of the Marathas	
Unit –IV: Study of Modern Coins	8
a) Coins of the British East India Company	
b) Coins of Independent India	
c) Indian Institute of Research in Numismatic Studies (IIRNS), Anjineri.	

Reference Books:

1. Allan, J. 1935. Catalogue of Coins of Ancient India. London: British Museum.
2. Altekar, A.S., 1937. Catalogue of Coins of the Gupta Empire. Varanasi: Numismatic Society of India.
3. Bhandarkar, D.R., 1921. Carmichael Lectures on Ancient Indian Numismatics. Calcutta: Calcutta University.. Bharadwaj, H.C. 1979. Aspects of Ancient Indian Technology. Delhi: Motilal Banarasidas. Chattopadhyaya, Bhaskar 1967. The Age of the Kushanas – A Numismatic Study. Calcutta: Punthi Pustak.
4. Chattopadhyaya, Brajdulal 1977. Coins and C u r r e n c y S y s t e m in South India. Delhi: Munshiram Manoharlal
5. Dasgupta, K.K. 1974. A Tribal History of Ancient India – A Numismatic Approach. Calcutta: Nababharat Publications.
6. Datta, Mala 1990. A Study of the Satavahana coinage. Delhi: Harman Publishing House. Dhavalikar, M.K. 1975. Pracheena Bharatiya Nanakshastra. Pune: Maharashtra Vidyapeeth Granthanirmitti Mahamandal.
7. Handa, Devendra 2007. Tribles Coins of Ancient India. New Delhi: Aryan Books International. Elliot, W. 1970. (Reprint) Coins of South India. Varanasi: Indological Book House. Gardener, P. 1886. The Coinage of the Greek and Scythic Kings of Bactria and India in British Museum. London: British Museum.
8. Gokhale, Shobhana 1981. New Discoveries in the Satavahana Coinage, JNSI vol. XLIII: 54-59.
9. Goyal, S.R. 1995. Dynastic Coins of Ancient India. Jodhpur: Kusumanjali Book World.
10. Gupta, P.L. 1979. (2 nd Revised Edition) Coins. New Delhi: National Book Trust.
11. Gupta, P.L. 1981. Coins: Source of Indian History. Ahmedabad: B.J. Institute of Learning and Research.
12. Gupta, P.L. and Sarojini Kulashreshtha 1993. Kushana Coins and History. New delhi: D.K. Publishers.
13. Gupta, P.L. and T.R. Hardaker 1985. Ancient Indian Silver Punch-Marked Coins of the Magadha – Maurya Karshapana Series. Nasik: Indian Institute of Research in Numismatic Studies.
14. Jha, A.K. 1998. Observations on the Principles of Typology: A Study of Ancient Indian Coinage, in Ex Moneta: Essays on Numismatics in Honour of Dr. David W. Macdowall (A.K. Jha and Sanjay Garg eds.) Volume I, pp. 33-42. New Delhi: Harman Publishing House.

15. Jha, Amiteshwar and Dilip Rajgor 1994. *Studies in the Coinage of Western Kshatrapas*. Anjaneri: Indian Institute of Research in Numismatic Studies.
16. Krishnamurti, R. 1997. *Sangam Age Tamil Coins*. Madras: Garnet Publishers. Lahiri, A.N. 1965. *Corpus of Indo-Greek Coins*. Calcutta Journal of the Numismatic Society of India, Varanasi.
17. Mangalam, S.J. 2001. *Shankar Tiwari Collection of Early Coins from Narmada Valley*. Bhopal: Directorate of Archaeology and Museums, Government of Madhya Pradesh.
18. *Numismatic Digest A Journal Published by Indian Institute of Research in Numismatic Studies, Anjaneri (Nasik)*.
19. Rajgor, Dilip 2001. *Punch-Marked Coins of Early Historic India*. California: Reesha Books International.
20. Rapson, E.J. 1908. *Catalogue of Coins of Andhra Dynasty, Western Kshatrapas etc*. London: British Museum.
21. Ray, S.C. 1977. *The Stratigraphic Evidence of Coins in Indian Excavations and Some Allied Issues*. Varanasi: Numismatic Society of India.
22. Sahni, Birbal 1973. *The Technique of Casting Coins in Ancient India*. Varanasi: Bharatiya Publishing House.
23. Sarma, I.K. 1980. *Coinage of the Satavahana Empire*. Delhi: Agam Kala Prakashan.
24. Shastri, A.M. (Ed.) 1972. *Coinage of Satavahanas and Coins from Excavations*, Nagpur: Nagpur University.
25. Shastri, A.M. (Ed.) 1999. *Age of the Satavahanas (two volumes)*: New delhi: Aryan Prakashan. Srivastava, A.K. 1969. *Catalogue of Indo-Greek Coins in the State Museum*, Lucknow. Lucknow: State Museum.
26. Srivastava, A.K. 1972. *Catalogue of Saka-Pahlava Coins of Northern India in the State Museum*, Lucknow. Lucknow: State Museum.
27. *Studies in South Indian Coins: A Journal Published by South Indian Numismatic Society*, Madras.