Teaching Plan

Name of Teacher: - Prof. Kulkurni S.

Year: - 2018-19　　　　　　　　　　Term: -I

Sub: - Dot Net Programming　　　Paper: - CA-503　Class: - TYBBA(CA)

Division:- -

	Prat-I Teaching Plan				Part-II Execution Plan				
Sr. No	Month	Week	No.Of Working Days	No.Of period available	Topic to be taught	No.Of period engaged	Topics Taught	Deviation in period	Remark
1.	Aug	1st	4	4Hrs	**Introduction to .Net Framework** 1.1 IDE (Integrated Development Environment) 1.2 Event Driven Programming 1.3 . NET Framework 1.4 Architecture of .Net	4Hrs	**Introduction to .Net Framework** 1.1 IDE (Integrated Development Environment) 1.2 Event Driven Programming 1.3 . NET Framework 1.4 Architecture of .Net	-	Completed
2.	Aug	2nd	4	4Hrs	1.5 Execution Process of .Net Application 1.6 Features of .Net 1.7 Advantages of .Net 1.8 Develop simple .Net Application	4Hrs	1.5 Execution Process of .Net Application 1.6 Features of .Net 1.7 Advantages of .Net 1.8 Develop simple .Net Application	-	Completed
3.	Aug	3rd	4	4 Hrs	**Introduction to VB.Net** 2.1 Basics of VB.Net 2.1.1 Operators 2.1.2 Data Types 2.2 Control Structures 2.2.1 Decision making statements 2.2.2 Loops - For, while, do while etc. 2.3 Exit Statements 2.4 Build Console Applications 2.4.1 Methods - Read(), Readline(), Write(), Writeline() etc.	4 Hrs	**IntroductiontoVB.Net** 2.1 Basics of VB.Net 2.1.1 Operators 2.1.2 Data Types 2.2 Control Structures 2.2.1 Decision making statements 2.2.2 Loops - For, while, do while etc. 2.3 Exit Statements 2.4 Build Console Applications 2.4.1 Methods - Read(), Readline(), Write(), Writeline() etc.	-	Completed
4	Aug	4th	4	4 Hrs	2.5 Build Windows Applications 2.5.1 Controls - Form, TextBox, Button, Label, CheckBox, Listbox, ComboBox,	4 Hrs	2.5 Build Windows Applications 2.5.1 Controls - Form, TextBox, Button, Label, CheckBox, Listbox, ComboBox,	-	Completed

					RadioButton. DateTimePicker, MonthCalender, Timer, Progressbar, Scrollbar, PictureBox, ImageBox, ImageList, TreeView, ListView, Toolbar, StatusBar, Datagridview		RadioButton. DateTimePicker, MonthCalender, Timer, Progressbar, Scrollbar, PictureBox, ImageBox, ImageList, TreeView, ListView, Toolbar, StatusBar, Datagridview		
5	Aug	5th	4	4 Hrs	2.5.2 Menus and PopUp Menu 2.5.3 Predefined Dialog controls 2.5.4 DialogBox - InputBox(), MessageBox(), MsgBox()	4 Hrs	2.5.2 Menus and PopUp Menu 2.5.3 Predefined Dialog controls 2.5.4 DialogBox - InputBox(), MessageBox(), MsgBox()	-	Completed
6	Sep	1st	4	4 Hrs	**Object Oriented Programming in VB .Net** 3.1 Class and Object 3.2 Properties, methods and events. 3.3 Constructors and Destructors 3.4 Method overloading	4 Hrs	**Object Oriented Programming in VB .Net** 3.1 Class and Object 3.2 Properties, methods and events. 3.3 Constructors and Destructors 3.4 Method overloading	-	Completed
7.	Sep	2nd	4	4 Hrs	3.5 Inheritance 3.5.1 MyBase , MyClass keywords. 3.6 Access modifiers: Public, Private, Protected, Friend.	4 Hrs	3.5 Inheritance 3.5.1 MyBase , MyClass keywords. 3.6 Access modifiers: Public, Private, Protected, Friend.	-	Completed
8.	Sep	3rd	4	4 Hrs	3.7 Method Overriding. 3.8 Interfaces. 3.9 Polymorphism. 3.10 Exception Handling	4 Hrs	3.7 Method Overriding. 3.8 Interfaces. 3.9 Polymorphism. 3.10 Exception Handling	-	Completed

9.	Sep	4th	4	4 Hrs	**Architecture Of ADO.Net** 4.1 Database : Connection, Command, DataAdapter ,DataSet, DataReader, DataTable 4.2 Connection to database with Server Explorer	4 Hrs	**Architecture Of ADO.Net** 4.1 Database : Connection, Command, DataAdapter ,DataSet, DataReader, DataTable 4.2 Connection to database with Server Explorer	-	Completed
10.	Sep	1st	4	4 Hrs	4.3 Multiple Table Connection 4.4 Data binding with controls like TextBox, ListBox, DataGrid. 4.5 Navigating data source 4.6 DataGridView, DataFormwizard, Data validation	4 Hrs	4.3 Multiple Table Connection 4.4 Data binding with controls like TextBox, ListBox, DataGrid. 4.5 Navigating data source 4.6 DataGridView, DataFormwizard, Data validation	-	Completed
11.	Oct	2nd	4	4 Hrs	**Crystal Report** 5.1 Connection to Database, Table, Queries, Building Report, Modifying Report, Formatting Fields and Object	4 Hrs	**Crystal Report** 5.1 Connection to Database, Table, Queries, Building Report, Modifying Report, Formatting Fields and Object	-	Completed
12.	Oct	3rd	4	3 Hrs	5.2 Header, Footer, Working with formula fields, Parameter fields, Special fields 5.3 Working with Multiple Tables.	3 Hrs	5.2 Header, Footer, Working with formula fields, Parameter fields, Special fields 5.3 Working with Multiple Tables.	-	Completed

Faculty

HOD
Department Of BBA(CA)
Arts, Science and Commerce College
Indapur, Dist. Pune-413106

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INDAPUR 413106 DIST-PUNE

Teaching Plan

Name of Teacher: - Prof. Kulkurni S.

Year: - 2018-19

Term: -I

Sub: - Java Programming

Paper: - CA-501

Class: - TYBBA(CA)

Division:- -

					Prat-I Teaching Plan	Part-II Execution Plan			
Sr. No	Month	Week	No.Of Working Days	No.Of period available	Topic to be taught	No.Of period engaged	Topics Taught	Deviation in period	Remark
1.	Aug	1st	4	4Hrs	**Introduction to Java** 1.1 Features of java 1.2 JDK Environment & tools like(java, javac, appletviewer, javadoc, jdb) 1.3 OOPs Concepts Class, Abstraction , Encapsulation, Inheritance, Polymorphism 1.4 Difference between C++ and JAVA 1.5 Structure of java program 1.6 Data types ,Variables ,Operators , Keywords ,Naming Convention	4Hrs	**Introduction to Java** 1.1 Features of java 1.2 JDK Environment & tools like(java, javac, appletviewer, javadoc, jdb) 1.3 OOPs Concepts Class, Abstraction , Encapsulation, Inheritance, Polymorphism 1.4 Difference between C++ and JAVA 1.5 Structure of java program 1.6 Data types ,Variables ,Operators , Keywords ,Naming Convention	-	Completed
2.	Aug	2nd	4	4Hrs	1.7 Decision Making (if, switch), Looping(for, while) 1.8 Type Casting 1.9 Array Creating an array Types of Array - One Dimensional arrays - Two Dimensional array 1.10 String - Arrays , Methods. - StringBuffer class	4Hrs	1.7 Decision Making (if, switch), Looping(for, while) 1.8 Type Casting 1.9 Array Creating an array Types of Array - One Dimensional arrays - Two Dimensional array 1.10 String - Arrays , Methods. - StringBuffer class	-	Completed
3.	Aug	3rd	4	4 Hrs	**Classes and Objects** 2.1 Creating Classes and objects 2.2 Memory allocation for objects 2.3 Constructor 2.4 Implementation of	4 Hrs	**Classes and Objects** 2.1 Creating Classes and objects 2.2 Memory allocation for objects 2.3 Constructor 2.4	-	Completed

					Inheritance Simple, Multilevel, 2.5 Interfaces		Implementation of Inheritance Simple, Multilevel, 2.5 Interfaces		
4	Aug	4th	4	4 Hrs	2.6 Abstract classes and methods 2.7 Implementation of Polymorphism 2.8 Method Overloading, Method Overriding 2.9 Nested and Inner classes. 2.10 Modifiers and Access Control	4 Hrs	2.6 Abstract classes and methods 2.7 Implementation of Polymorphism 2.8 Method Overloading, Method Overriding 2.9 Nested and Inner classes. 2.10 Modifiers and Access Control	-	Completed
5	Aug	5th	4	4 Hrs	2.11 Packages Packages Concept Creating user defined packages 2.12 Java Built in packages java.lang->math java.util->Random, Date, Hashtable 2.13 Wrapper classes	4 Hrs	2.11 Packages Packages Concept Creating user defined packages 2.12 Java Built in packages java.lang->math java.util->Random, Date, Hashtable 2.13 Wrapper classes	-	Completed
6	Sep	1st	4	4 Hrs	**Collection** 3.1 Collection Framework. 3.1.1 Interfaces - Collection - List - Set - SortedSet - Enumeration - Iterator - ListIterator	4 Hrs	**Collection** 3.1 Collection Framework. 3.1.1 Interfaces - Collection - List - Set - SortedSet - Enumeration - Iterator - ListIterator	-	Completed
7.	Sep	2nd	4	4 Hrs	3.1.2. Classes - LinkedList - ArrayList - Vector - HashSet - TreeSet - Hashtable 3.2 Working with maps 3.2.1 Map interface 3.2.2 Map classes - HashMap - TreeMap	4 Hrs	3.1.2. Classes - LinkedList - ArrayList - Vector - HashSet - TreeSet - Hashtable 3.2 Working with maps 3.2.1 Map interface 3.2.2 Map classes - HashMap - TreeMap	-	Completed
8.	Sep	3rd	4	4 Hrs	**File and Exception Handling** Exception 4.1 Exception types 4.2 Using try catch and multiple catch Nested try, throw , throws and finally 4.3 Creating user defined Exceptions	4 Hrs	**File and Exception Handling** Exception 4.1 Exception types 4.2 Using try catch and multiple catch Nested try, throw , throws and finally 4.3 Creating user defined Exceptions	-	Completed

9.	Sep	4th	4	4 Hrs	File Handling 4.4 Stream ByteStream Classes CharacterStream Classes 4.5 File IO basics 4.6 File operations Creating file Reading file(character, byte) Writing file (character, byte)	4 Hrs	File Handling 4.4 Stream ByteStream Classes CharacterStream Classes 4.5 File IO basics 4.6 File operations Creating file Reading file(character, byte) Writing file (character, byte)	-	Completed
10.	Sep	1st	4	4 Hrs	**Applet, AWT and Swing Programming** Applet 5.1 Introduction 5.2 Types applet 5.3 Applet Life cycle - Creating applet - Applet tag 5.4 Applet Classes - Color - Graphics - Font	4 Hrs	**Applet, AWT and Swing Programming** Applet 5.1 Introduction 5.2 Types applet 5.3 Applet Life cycle - Creating applet - Applet tag 5.4 Applet Classes - Color - Graphics - Font	-	Completed
11.	Oct	2nd	4	4 Hrs	AWT 5.5 Components and container used in AWT 5.6 Layout managers 5.7 Listeners and Adapter classes 5.8 Event Delegation model	4 Hrs	AWT 5.5 Components and container used in AWT 5.6 Layout managers 5.7 Listeners and Adapter classes 5.8 Event Delegation model	-	Completed
12.	Oct	3rd	4	4 Hrs	Swing 5.9 Introduction to Swing Component and Container Classes	4 Hrs	Swing 5.9 Introduction to Swing Component and Container Classes	-	Completed

Faculty

Teaching Plan

Name of Teacher: - Prof. Kulkurni S.

Year: - 2018-19   Term: -I

Sub: - Object Oriented Software Engineering   Paper: - CA-504   Class: -
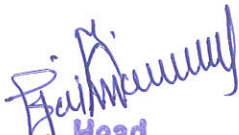TYBBA(CA)   Division:- -

	Prat-I Teaching Plan				Part-II Execution Plan				
Sr. No	Month	Week	No.Of Working Days	No.Of period available	Topic to be taught	No.Of period engaged	Topics Taught	Deviation in period	Remark
1.	Aug	1st	4	4Hrs	**Object Oriented Concepts, Modeling and UML** 1.1 What is Object Orientation? (Introduction to class, object, inheritance, polymorphism) 1.2 Model 1.2.1 Introduction of Modeling 1.2.2 Object Oriented Modeling	4Hrs	**Object Oriented Concepts, Modeling and UML** 1.1 What is Object Orientation? (Introduction to class, object, inheritance, polymorphism) 1.2 Model 1.2.1 Introduction of Modeling 1.2.2 Object Oriented Modeling	-	Completed
2.	Aug	2nd	4	4Hrs	1.3 Object oriented system development 1.3.1 Function/data methods 1.3.2 Object oriented analysis 1.3.3 Object oriented construction 1.3.4 Object oriented testing 1.4 Identifying the elements of an object model 1.4.1 Identifying classes and objects 1.4.2 Specifying the attributes 1.4.3 Defining operations 1.4.4 Finalizing the object definition	4Hrs	1.3 Object oriented system development 1.3.1 Function/data methods 1.3.2 Object oriented analysis 1.3.3 Object oriented construction 1.3.4 Object oriented testing 1.4 Identifying the elements of an object model 1.4.1 Identifying classes and objects 1.4.2 Specifying the attributes 1.4.3 Defining operations 1.4.4 Finalizing the object definition	-	Completed
3.	Aug	3rd	4	4 Hrs	1.5 Introduction to UML 1.6 Overview of UML 1.7 Conceptual Model of UML 1.8 Architecture 1.9 Advantages of UML	4 Hrs	1.5 Introduction to UML 1.6 Overview of UML 1.7 Conceptual Model of UML 1.8 Architecture 1.9 Advantages of UML	-	Completed

4	Aug	4th	4	4 Hrs	**Basic and Advanced Structural Modeling** 2.1 Classes and Relationship 2.2 Common mechanism 2.3 Diagrams 2.4 Class diagram 2.5 Advanced classes	4 Hrs	**Basic and Advanced Structural Modeling** 2.1 Classes and Relationship 2.2 Common mechanism 2.3 Diagrams 2.4 Class diagram 2.5 Advanced classes	-	Completed
5	Aug	5th	4	4 Hrs	2.6 Advanced Relationship 2.7 Interface , Types and Roles 2.8 Packages 2.9 Object Diagram	4 Hrs	2.6 Advanced Relationship 2.7 Interface , Types and Roles 2.8 Packages 2.9 Object Diagram	-	Completed
6	Sep	1st	4	4 Hrs	**Basic Behavioral and Architectural Modeling** 3.1 Use cases, Use Case Diagram 3.2 Interaction Diagram 3.3 Sequence Diagram 3.4 Activity Diagram	4 Hrs	**Basic Behavioral and Architectural Modeling** 3.1 Use cases, Use Case Diagram 3.2 Interaction Diagram 3.3 Sequence Diagram 3.4 Activity Diagram	-	Completed
7.	Sep	2nd	4	4 Hrs	3.5 State Chart Diagram 3.6 Collaboration Diagram 3.7 Components Diagram 3.8 Deployment Diagram (Minimum 2 case studies for each diagram)	4 Hrs	3.5 State Chart Diagram 3.6 Collaboration Diagram 3.7 Components Diagram 3.8 Deployment Diagram (Minimum 2 case studies for each diagram)	-	Completed
8.	Sep	3rd	4	4 Hrs	**Object Oriented Analysis** 4.1 Iterative Development 4.2 Understanding requirements	4 Hrs	**Object Oriented Analysis** 4.1 Iterative Development 4.2 Understanding requirements	-	Completed

9.	Sep	4th	4	4 Hrs	4.3 Unified process & UP Phases Inception Elaboration Construction Transition	4 Hrs	4.3 Unified process & UP Phases Inception Elaboration Construction Transition	-	Completed
10.	Sep	1st	4	4 Hrs	**Object Oriented Design** 5.1 The Booch Method, The Coad and Yourdon Method and Jacobson and Rambaugh Method	4 Hrs	**Object Oriented Design** 5.1 The Booch Method, The Coad and Yourdon Method and Jacobson and Rambaugh Method	-	Completed
11.	Oct	2nd	4	4 Hrs	5.2 Generic components of OO Design model	4 Hrs	5.2 Generic components of OO Design model	-	Completed
12.	Oct	3rd	4	4 Hrs	5.3 System Design process 5.3.1 Partitioning the analysis model 5.3.2 Concurrency and subsystem allocation 5.3.3 Task Management component 5.3.4 Data Management component 5.3.5 Resource Management component 5.3.6 Inter sub-system communication 5.4 Object Design process	4 Hrs	5.3 System Design process 5.3.1 Partitioning the analysis model 5.3.2 Concurrency and subsystem allocation 5.3.3 Task Management component 5.3.4 Data Management component 5.3.5 Resource Management component 5.3.6 Inter sub-system communication 5.4 Object Design process	-	Completed

Faculty

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Indapur, Dist. Pune-413106

Principal

Teaching Plan

Name of Teacher: - Prof. Kulkurni S.

Year: - 2018-19   Term: -I

Sub: - Web Technologies

Paper: - CA-502   Class: - TYBBA(CA)

Division:- -

Sr. No	Month	Week	No.Of Working Days	No.Of period available	Topic to be taught	No.Of period engaged	Topics Taught	Deviation in period	Remark
		Prat-I Teaching Plan			**Part-II Execution Plan**				
1.	Aug	1st	4	4Hrs	**Web Essentials** 1.1 Clients- Servers and Communication 1.2 Internet-Basic ,Internet Protocols(HTTP,FTP,IP)	4Hrs	**Web Essentials** 1.1 Clients- Servers and Communication 1.2 Internet-Basic ,Internet Protocols(HTTP,FTP,IP)	-	Completed
2.	Aug	2nd	4	4Hrs	1.3 World Wide Web(WWW) 1.4 HTTP request message, HTTP response message	4Hrs	1.3 World Wide Web(WWW) 1.4 HTTP request message, HTTP response message	-	Completed
3.	Aug	3rd	4	4 Hrs	**Markup Languages** 2.1 Introduction to HTML 2.2 Basic HTML Structure 2.3 Common HTML Tags 2.4 Physical and Logical HTML 2.5 Types of Images, client side and server-side Image mapping	4 Hrs	**Markup Languages** 2.1 Introduction to HTML 2.2 Basic HTML Structure 2.3 Common HTML Tags 2.4 Physical and Logical HTML 2.5 Types of Images, client side and server-side Image mapping	-	Completed
4	Aug	4th	4	4 Hrs	2.6 List, Table, Frames 2.7 Embedding Audio, Video 2.8 HTML form and form elements 2.9 Introduction to HTML Front Page 2.10 CSS with HTML	4 Hrs	2.6 List, Table, Frames 2.7 Embedding Audio, Video 2.8 HTML form and form elements 2.9 Introduction to HTML Front Page 2.10 CSS with HTML	-	Completed
	Aug	5th	4	4 Hrs	**JAVA Script** 3.1 Introduction to Java Script 3.2 Identifier & operator, control structure, functions 3.3 Document object	4 Hrs	**JAVA Script** 3.1 Introduction to Java Script 3.2 Identifier & operator, control structure, functions 3.3	-	Completed

					model(DOM),		Document object model(DOM),	
6	Sep	1st	4	4 Hrs	3.4 DOM Objects(window, navigator, history, location) 3.5 Predefined functions, math & string functions 3.6 Array in Java scripts 3.7 Event handling in Java script	4 Hrs	3.4 DOM Objects(window, navigator, history, location) 3.5 Predefined functions, math & string functions 3.6 Array in Java scripts 3.7 Event handling in Java script	-	Completed
7.	Sep	2nd	4	4 Hrs	**Introduction to PHP** 4.1Introduction to PHP 4.2 What does PHP do? 4.3 Lexical structure	4 Hrs	**Introduction to PHP** 4.1Introduction to PHP 4.2 What does PHP do? 4.3 Lexical structure	-	Completed
8.	Sep	3rd	4	4 Hrs	4.4 Language basics 4.4.1 Variable, constant, keywords, Data Types 4.4.2 Control Structures 4.4.3 Variables variable 4.4.4 Type casting, Type Juggling 4.4.5 $_GET, $_POST,$_REQUEST Variables	4 Hrs	4.4 Language basics 4.4.1 Variable, constant, keywords, Data Types 4.4.2 Control Structures 4.4.3 Variables variable 4.4.4 Type casting, Type Juggling 4.4.5 $_GET, $_POST,$_REQUEST Variables	-	Completed
9.	Sep	4th	4	4 Hrs	**Function and String in PHP** 5.1 Defining and calling a function 5.2 Default parameters 5.3 Variable parameters, Missing parameters 5.4 Variable function, Anonymous function	4 Hrs	**Function and String in PHP** 5.1 Defining and calling a function 5.2 Default parameters 5.3 Variable parameters, Missing parameters 5.4 Variable function, Anonymous function	-	Completed
10.	Sep	1st	4	4 Hrs	5.5 Types of strings in PHP 5.6 Printing functions 5.7 Encoding and escaping 5.8 Comparing strings 5.9 Manipulating and searching strings	4 Hrs	5.5 Types of strings in PHP 5.6 Printing functions 5.7 Encoding and escaping 5.8 Comparing strings 5.9 Manipulating and searching strings	-	Completed

| 11. | Oct | 2nd | 4 | 4Hrs | **Arrays in PHP** 6.1 Indexed Vs Associative arrays 6.2 Identifying elements of an array 6.3 Storing data in arrays 6.4 Multidimensional arrays | 4Hrs | **Arrays in PHP** 6.1 Indexed Vs Associative arrays 6.2 Identifying elements of an array 6.3 Storing data in arrays 6.4 Multidimensional arrays | - | Completed |
| 12. | Oct | 3rd | 4 | 4Hrs | 6.5 Extracting multiple values 6.6 Converting between arrays and variables 6.7 Traversing arrays 6.8 Sorting 6.9 Action on entire arrays | 4Hrs | 6.5 Extracting multiple values 6.6 Converting between arrays and variables 6.7 Traversing arrays 6.8 Sorting 6.9 Action on entire arrays | - | Completed |

Faculty

HOD

Principal

Teaching Plan

Name of Teacher: -   Prof. Pawar N.H

Year: - 2018-19   Term: -II
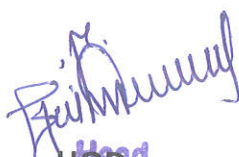
Sub: - Advance Java   Paper: - CA-602   Class: - TYBBA(CA)

	Prat-I Teaching Plan				Part-II Execution Plan				
Sr. No	Month	Week	No.Of Working Days	No.Of period available	Topic to be taught	No.Of period engaged	Topics Taught	Deviation in period	Remark
1.	Dec	4th	6	4 Hrs	**JDBC** 1.1 The design of JDBC 1.2 Basic JDBC program Concept 1.3 Drivers 1.4 Architecture of JDBC	4 Hrs	**JDBC** 1.1 The design of JDBC 1.2 Basic JDBC program Concept 1.3 Drivers 1.4 Architecture of JDBC	-	Completed
2.	Dec	5th	6	4 Hrs	1.5 Making the Connection, Statement , ResultSet , PreparedStatement, CollableStatement 1.6 Executing SQL commands 1.7 Executing queries	4 Hrs	1.5 Making the Connection, Statement , ResultSet , PreparedStatement, CollableStatement 1.6 Executing SQL commands 1.7 Executing queries	-	Completed
3.	Jan	1st	6	4 Hrs	**Networking** 2.1 The java.net package 2.2 Connection oriented transmission – Stream Socket Class	4 Hrs	**Networking** 2.1 The java.net package 2.2 Connection oriented transmission – Stream Socket Class	-	completed
4	Jan	2nd	6	4 Hrs	2.3 Creating a Socket to a remote host on a port (creating TCP client and server) 2.4 Simple Socket Program Example.	4 Hrs	2.3 Creating a Socket to a remote host on a port (creating TCP client and server) 2.4 Simple Socket Program Example.	-	Completed
5	Jan	3rd	6	4 Hrs	**Servlet and JSP** 3.1 Introduction 3.2 How It differ from CGI 3.3 Types of servlet 3.4 Life cycle of servlet	4 Hrs	**Servlet and JSP** 3.1 Introduction 3.2 How It differ from CGI 3.3 Types of servlet 3.4 Life cycle of	-	Completed

6	Jan	4th	6	4 Hrs.	3.5 Execution process of Servlet Application 3.6 Session Tracking 3.7 Cookie class 3.8 Servlet- Jdbc	4 Hrs.	servlet 3.5 Execution process of Servlet Application 3.6 Session Tracking 3.7 Cookie class 3.8 Servlet- Jdbc	-	Completed
7.	Feb	1st	6	4 Hrs	**JSP** 3.9 Introduction to JSP 3.10 Components of JSP Directives , Tags, Scripting Elements 3.11 Execution process of JSP Application	4 Hrs	**JSP** 3.9 Introduction to JSP 3.10 Components of JSP Directives , Tags, Scripting Elements 3.11 Execution process of JSP Application	-	Completed
8.	Feb	2nd	6	4 Hrs	3.12 Building a simple application using JSP 3.13 JSP with Database	4 Hrs	3.12 Building a simple application using JSP 3.13 JSP with Database	-	Completed
9.	Feb	3rd	6	4 Hrs	**Multithreading** 4.1 Introduction to Thread 4.2 Life cycle of thread 4.3 Thread Creation - By using Thread Class - By Using Runnable interface	4 Hrs	**Multithreading** 4.1 Introduction to Thread 4.2 Life cycle of thread 4.3 Thread Creation - By using Thread Class - By Using Runnable interface	-	Completed
10.	Feb	4th	6	4 Hrs	4.4 Priorities and Synchronization 4.5 Inter thread communication 4.6 Implementation of Thread with Applet	4 Hrs	4.4 Priorities and Synchronization 4.5 Inter thread communication 4.6 Implementation of Thread with Applet	-	Completed
11.	Mar	1st	6	4 Hrs	**Java Beans and RMI** **Java Beans** 5.1 What is bean 5.2 Advantages 5.3 Using Bean Development kit(BDK) 5.4 Introduction to jar and manifest files 5.5 The java beans API	4 Hrs	**Java Beans and RMI** **Java Beans** 5.1 What is bean 5.2 Advantages 5.3 Using Bean Development kit(BDK) 5.4 Introduction to jar and manifest files 5.5 The java beans API	-	Completed
12.	Mar	2nd	4	4 Hrs	**Remote Method**	4 Hrs	**Remote Method**		Completed

| | | | | Invocation
5.6 Introduction to remote object RMI architecture
5.7 Stubs and skeleton
5.8 Registry
5.9 Setting up RMI
5.10Using RMI with applet | | Invocation
5.6 Introduction to remote object RMI architecture
5.7 Stubs and skeleton 5.8 Registry
5.9 Setting up RMI
5.10Using RMI with applet | - | |

Faculty

Teaching Plan

Name of Teacher: - Prof. Kapale U V

Year: - 2018-19

Term: -II
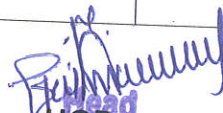
Sub: - Advance Web Technology   Paper: - CA-601   Class: - TYBBA(CA)

			Prat-I Teaching Plan			Part-II Execution Plan			
Sr. No	Month	Week	No.Of Working Days	No.Of period available	Topic to be taught	No.Of period engaged	Topics Taught	Deviation in period	Remark
1.	Dec	4th	6	4 Hrs	Introduction to Object Oriented Programming in PHP 1.1 Classes 1.2 Objects 1.3 Introspection	4 Hrs	Introduction to Object Oriented Programming in PHP 1.1 Classes 1.2 Objects 1.3 Introspection	-	Completed
2.	Dec	5th	6	4 Hrs	1.4 Serialization 1.5 Inheritance 1.6 Interfaces 1.7 Encapsulation	4 Hrs	1.4 Serialization 1.5 Inheritance 1.6 Interfaces 1.7 Encapsulation	-	Completed
3.	Jan	1st	6	4 Hrs	Web Techniques 2.1 Web Variables 2.2 Server information 2.3 Self Processing forms	4 Hrs	Web Techniques 2.1 Web Variables 2.2 Server information 2.3 Self Processing forms	-	completed
4	Jan	2nd	6	4 Hrs	2.4 Setting response headers 2.5 Maintaining state (Cookies and Sessions)	4 Hrs	2.4 Setting response headers 2.5 Maintaining state (Cookies and Sessions)	-	Completed
5	Jan	3rd	6	4 Hrs	Databases 3.1 Using PHP to access a databases 3.2 Mysql Database functions 3.3 Relational databases and SQL	4 Hrs	Databases 3.1 Using PHP to access a databases 3.2 Mysql Database functions 3.3 Relational databases and SQL	-	Completed
6	Jan	4th	6	4 Hrs.	3.4 PEAR DB basics 3.5 Advanced database techniques 3.6 Sample application	4 Hrs.	3.4 PEAR DB basics 3.5 Advanced database techniques 3.6 Sample application	-	Completed
					XML		XML		

7.	Feb	1st	6	4 Hrs	4.1 What is XML? 4.2 XML document Structure 4.3 PHP and XML 4.4 XML parser	4 Hrs	4.1 What is XML? 4.2 XML document Structure 4.3 PHP and XML 4.4 XML parser	-	Completed
8.	Feb	2nd	6	4 Hrs	4.5 The document object model 4.6 The simple XML extension 4.7 Changing a value with simple XML	4 Hrs	4.5 The document object model 4.6 The simple XML extension 4.7 Changing a value with simple XML	-	Completed
9.	Feb	3rd	6	4 Hrs	**Web services** 5.1 Web services concepts 5.2 WSDL, UDDI	4 Hrs	**Web services** 5.1 Web services concepts 5.2 WSDL, UDDI	-	Completed
10.	Feb	4th	6	4 Hrs	5.3 Introduction to SOAP XML-RPC 5.4 Creating web services 5.5 Calling web services	4 Hrs	5.3 Introduction to SOAP XML-RPC 5.4 Creating web services 5.5 Calling web services	-	Completed
11.	Mar	1st	6	4 Hrs	**Ajax** 6.1 Understanding java scripts for AJAX 6.2 AJAX web application model 6.3 AJAX –PHP framework	4 Hrs	**Ajax** 6.1 Understanding java scripts for AJAX 6.2 AJAX web application model 6.3 AJAX –PHP framework	-	Completed
12.	Mar	2nd	4	4 Hrs	6.4 Performing AJAX validation 6.5 Handling XML data using PHP and AJAX 6.6 Connecting database using PHP and AJAX	4 Hrs	6.4 Performing AJAX validation 6.5 Handling XML data using PHP and AJAX 6.6 Connecting database using PHP and AJAX	-	Completed

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Teaching Plan

Name of Teacher: - Prof. Deshmane S.P

Year: - 2018-19   Term: -II

Sub: -Recent Trends in IT Paper: - CA-603   Class: - TYBBA(CA)

	Prat-I Teaching Plan				Part-II Execution Plan				
Sr. No	Month	Week	No.Of Working Days	No.Of period available	Topic to be taught	No.Of period engaged	Topics Taught	Deviation in period	Remark
1.	Dec	4th	6	4 Hrs	**Software Process And Project Metrics, Analysis Concepts And Principles** Measures, metric indicators, metric in process and the project domains	4 Hrs	**Software Process And Project Metrics, Analysis Concepts And Principles** Measures, metric indicators, metric in process and the project domains	-	Completed
2.	Dec	5th	6	4 Hrs	software measurement, metrics for software quality, software quality assurance, Requirement analysis	4 Hrs	software measurement, metrics for software quality, software quality assurance, Requirement analysis	-	Completed
3.	Jan	1st	6	4 Hrs	communication techniques, analysis principles, software prototyping, Case Study	4 Hrs	communication techniques, analysis principles, software prototyping, Case Study	-	completed
4	1	2nd	6	4 Hrs	**Distributed Databases** Standalone v/s Distributed databases, Replication, Fragmentation, Client / Server architecture, types of distributed databases	4 Hrs	**Distributed Databases** Standalone v/s Distributed databases, Replication, Fragmentation, Client / Server architecture, types of distributed databases	-	Completed
	Jan	3rd	6	4 Hrs	Object – Relational Databases Abstract Data types, Nested Tables, Varying Arrays, Large Objects, Naming Conventions for	4 Hrs	Object – Relational Databases Abstract Data types, Nested Tables, Varying Arrays, Large Objects, Naming Conventions	-	Completed

					Objects, Case Study		for Objects, Case Study	
6	Jan	4th	6	4 Hrs.	**Data Warehouse** What is Data Warehouse? , A Multidimensional Data Model, Data Warehouse Architecture, Data Warehouse Implementation, Data cube Technology	4 Hrs	**Data Warehouse** What is Data Warehouse? , A Multidimensional Data Model, Data Warehouse Architecture, Data Warehouse Implementation, Data cube Technology	-	Completed
7.	Feb	1st	6	4 Hrs	Data Warehousing to Data Mining, Data Mining, Functionalities, Data Cleaning, Data Integration and Transformation, Data Reduction	4 Hrs	Data Warehousing to Data Mining, Data Mining, Functionalities, Data Cleaning, Data Integration and Transformation, Data Reduction	-	Completed
8.	Feb	2nd	6	4 Hrs	**Network Security** Cryptography; Introduction to Cryptography, Substitution Ciphers, Transposition Ciphers, One-Time Pads, Two Fundamental Cryptographic Principles; Symmetric Key Algorithms;	4 Hrs	**Network Security** Cryptography; Introduction to Cryptography, Substitution Ciphers, Transposition Ciphers, One-Time Pads, Two Fundamental Cryptographic Principles; Symmetric Key Algorithms;	-	Completed
9.	₂b	3rd	6	4 Hrs	DES-The Data Encryption Standards, AES – The Advances	4 Hrs	DES-The Data Encryption Standards, AES – The Advances	-	Completed
10.	Feb	4th	6	4 Hrs	Encryption Standard; Public Key algorithms; RSA, Other Public Key algorithms; Digital Signatures, Symmetric-Key Signature, Public key Signature, Message Digests	4 Hrs	Encryption Standard; Public Key algorithms; RSA, Other Public Key algorithms; Digital Signatures, Symmetric-Key Signature, Public key Signature, Message Digests	-	Completed

11.	Mar	1st	6	4 Hrs	Computing and Informatics Introduction to computing, Types of computing	4 Hrs	Computing and Informatics Introduction to computing, Types of computing	-	Completed
12.	Mar	2nd	4	4 Hrs	Cloud, Green, Soft, Mobile, Case Study	4 Hrs	Cloud, Green, Soft, Mobile, Case Study	-	Completed

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Teaching Plan
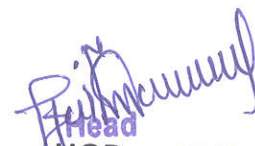
Name of Teacher: - Prof. Pawar N.H

Year: - 2018-19 Term: -II

Sub: - Software Testing Paper : - CA-604   Class: - TYBBA(CA)

Sr. No	Month	Week	No.Of Working Days	No.Of period available	Topic to be taught	No.Of period engaged	Topics Taught	Deviation in period	Remark
					Prat-I Teaching Plan		Part-II Execution Plan		
1.	Dec	4th	6	4 Hrs	Software Testing Introduction, Nature of errors	4 Hrs	Software Testing Introduction, Nature of errors	-	Completed
2.	ec	5th	6	4 Hrs	Testing principles & Testing fundamentals, Debugging	4 Hrs	Testing principles & Testing fundamentals, Debugging	-	Completed
3.	Jan	1st	6	4 Hrs	Approaches to Testing - I White Box Testing, Black Box Testing, Gray Box Testing, Unit Testing	4 Hrs	Approaches to Testing - I White Box Testing, Black Box Testing, Gray Box Testing, Unit Testing	-	completed
4	Jan	2nd	6	4 Hrs	Integration- Top-down ,Bottom up Big Bang Sandwich	4 Hrs	Integration- Top-down ,Bottom up Big Bang Sandwich	-	Completed
5	Jan	3rd	6	4 Hrs	Testing for Specialized Environments Testing GUI's, Testing of Client/Server Architectures	4 Hrs	Testing for Specialized Environments Testing GUI's, Testing of Client/Server Architectures	-	Completed
6	Jan	4th	6	4 Hrs.	Testing Documentation and Help Facilities, Testing for RealTime Systems	4 Hrs.	Testing Documentation and Help Facilities, Testing for RealTime Systems	-	Completed
.	Feb	1st	6	4 Hrs	Software Testing Strategies &Software metrics Validation Testing, System Testing	4 Hrs	Software Testing Strategies &Software metrics Validation Testing, System Testing	-	Completed
	Feb	2nd	6	4 Hrs	verification, Performance Testing, Regression Testing, Agile testing	4 Hrs	verification, Performance Testing, Regression Testing, Agile testing	-	Completed

9.	Feb	3rd	6	4 Hrs	Acceptance testing ,Smoke Testing ,Load Testing, Introduction, Basic Metrics, Complexity Metrics	4 Hrs	Acceptance testing ,Smoke Testing ,Load Testing, Introduction, Basic Metrics, Complexity Metrics	-	Completed
10.	Feb	4th	6	4 Hrs	**Specialized Testing & Testing Tools** (Introduction) Test Case Design	4 Hrs	**Specialized Testing & Testing Tools** (Introduction) Test Case Design	-	Completed
11.	Mar	1st	6	4 Hrs	Junit, Apache Jmeter	4 Hrs	Junit, Apache Jmeter	-	Completed
12.	Mar	2nd	4	4 Hrs	Winrunner Loadrunner, Rational Robot	4 Hrs	Winrunner Loadrunner, Rational Robot	-	Completed

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