

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Faculty of Information Technology

Structured Work Plan for Teaching

Academic Year (2018 - 20 19)

(Start Date DEC-2018 TO MAR-2019)

1. Details of Classes to be taught

Sr. No.	Class	Name of Asst. Prof.	Course Title	Course Code	Practical paper Code	Total Teaching Hours
1	B. Sc(CS) III	Prof. Prashant G. Joshi	TCP/IP	U-TCI-691 Total Credis : 3	-	Th: 58
2	B,Sc (CS) I Div B		DBMS	U-DBM-272 total Credits :3	U-LAC—276 Total Credits : 2	Th: 58 Pr. : 15

2. Summary of Lesson Plan

Name of Teacher: Prof. Joshi P.G.

Class : B.Sc (CS) VI SEM

Sr. No.	Course Title and Course Code	Unit and Chapter to be covered	Date		No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
			FROM	TO			
1	TCP/IP U-TCI-691	Unit -1: Introduction Chapter 1: Introduction Internet	01 Dec 2018	10 Dec-2018	06		

	Internet services				Classroom	Unit – I
	Ethernet technology				Seminar	Chapters 1
	Internetworking concepts					Assignment 1
	Architectural model					
	CIDR –Subnetting					22.01.2019
	& Super netting	11 Dec-	20 Dec-	06		
	Chapter 2:- Internetworking & Architectural	2018	2018			
	Model					
	Application level &					Assignment 2:
	Network level interconnection				Class Test	16 Feb- 2019
	Properties of internet	21 Dec-	31 Dec-	06	30 Mark	
	Internet Architecture	2018	2018		Subjective	
	Interconnection through IP routers				30 Jant- 2019	
	Internet Addresses					
	Universal Identifier					
	Addressing Scheme	01 Jan-	15 Jan	06		
	Network broadcast direct addresses	2019	2019			
	Unit II ARP					
	Address resolution problem					
	Resolution through direct mapping	16 Jan-	31 Jan-	06		
	Dynamic binding, Address resolution cache,	2019	2019			
	cache timeout ,ARP refinements					

	ARP implementation, ARP protocol Format, ARP encapsulation ARP identification	4 Feb- 2019	16 Feb- 2019	06		
	Unit III Internet Protocol Virtual network Internet Architecture Internet philosophy	18 Feb- 2019	28 Feb - 2019	08		
	Purpose of internet protocol IPV4 Internet datagram options Direct & indirect delivery UDP	1 Mar- 2019	10 Mar- 2019	08		Assignment 3:- 1 Mar - 2019
	UNIT IV Reliable stream transport service :- Properties, providing reliability Idea behind sliding window protocol Transmission control protocol	11Mar- 2019	20 Mar- 2019	06		

Name of Teacher: Prof. Joshi P.G.

Class : BSc (CS) II Sem Div B

Sr. No.	Course Title and Course Code	Unit and Chapter to be covered	Date		No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
			FROM	TO			
2	DBMS U-DBM-272	UNIT I: 1. Introduction to Database 1.1 Definition of data, database& DBMS 1.2 Advantages& disadvantages of DBMS 1.3 users of DBMS 1.4 DBMS STRUCTURE	01 Dec 2018	10 Dec- 2018	06	Classroom Seminar	Unit – I Chapters 1
		2.Elements of DBMS 2.1 DBMS languages 2.2 Terms: Entity, Entity set & attributes. 2.3 Keys : Primary, secondary, foreign & composite	11 Dec- 2018	20 Dec- 2018	06		Assignment 1 22.01.2019
		UNIT II :-3.Data Models 3.1 Introduction 3.2 Record based logical models 3.3 E-R model	21 Dec- 2018	31 Dec- 2018	06		
		4. Relational Algebra & Calculus 4.1 Introduction 4.2 Relation 4.3 Algebraic operations 4.4 Set operators 4.5 Relational Calculus	01 Jan- 2019	15 Jan 2019	06	Class Test 30 Mark Subjective	Assignment 2: 16 Feb- 2019
		UNIT III :5. Relational Database Design				12 Feb- 2019	

	5.1 Normalization: 1NF,2NF,3NF & BCNF 5.2 Class diagrams 5.3 Functional dependency	16 Jan-2019	31 Jan-2019	08		
	6.SQL 6.1Data types 6.2Table creation 6.3Selecting & deleting records 6.4 Oracle Constraints	4 Feb-2019	16 Feb-2019	08		
	UNIT IV:-SQL FUNCTIONS & OPERATORS 7. Advance SQL functions 7.1 Concept of Join 7.2 Concept of subquery 7.3 Concept of view	18 Feb-2019	28 Feb -2019	06		Assignment 3:- 6 Mar- 2019
	8. Use of operators 8.1 Comparisons operators 8.2 Logical operators	1 Mar-2019	10 Mar-2019	06		
	8.3 Arithmeticoperators 8.4Relational operators	11Mar-2019	20 Mar-2019	06		

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Faculty of Information Technology

Structured Work Plan for Teaching

Academic Year (2018 - 2019)

(Start Date JULY-2018 TO OCT-2018)

1. Details of Classes to be taught

Sr. No.	Class	Name of Asst. Prof.	Course Title	Course Code	Practical paper Code	Total Teaching Hours
1	BCA I (I SEM) (Div A+B)	Prof. Prashant G. Joshi	Web Page Designing	U-WPD-181 Total Credits : 3	U-LAC -185 Total Credits : 2	Th: 58 Pr: 12
2	BCA II		DBMS	U-DBM-391 total Credits :3	U-LAC -395 Total Credits : 2	Th: 58 Pr: 06

2. Summary of Lesson Plan

Name of Teacher: Prof. Joshi P.G.

Class : BCA I (I SEM) (DIV A+B)

Sr. No.	Course Title and Course Code	Unit and Chapter to be covered	Date		No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
			FROM	TO			
1	Web Page Designing	Unit I.1. Introduction to web designing & HTML Documents: 1.1. Web page, web site, web browser, www.	02 July 2018	10 July 2018	08		

	U-WPD-181	1.2. Developing web documents , web design process. 1.3. Publishing documents, web publishing. 1.4. Maintaining documents, maintenance phase of web page 1.5. Overview of HTML 1.6. Rules of HTML Documents. 1.7. Structure of HTML documents. 2. HTML Markup tags 2.1. Tags definition, Classification of tags 2.2. Basic tags, HTML HEAD,TITLE,BODY 2.3. Paragraph tags, list tags, horizontal rule tag, PRE tags, Block quote tags, Address tags, Font tag div tags, Span tag & other different formatting 3. Linking in HTML 3.1. U.R.L. concept 3.2. Hyperlink(anchor) tag & its all attributes 3.3. Creating email hyperlinks (using mailto anchor) 4. Image in HTML 4.1. Image and image formats 4.2. tag and its all attributes 4.3. Inline and floating images 4.4. Using images as links 4.5. Image map, client side and server side image map Unit III 5. Tables in HTML 5. Tables in HTML 5.1. Introduction 5.2 Table tag attributes 5.3 Rowspan, colspan, cellspecing, cellpadding 5.4. Examples	11 July 2018	20 July 2018	10	Classroom Seminar	Unit – I Chapters 1 Assignment 1 22.08.2018
			21 July 2018	30 July 2018	10	Class Test 30 Mark Subjective 30 Sept- 2018	Assignment 2: 16 Sept- 2018
			01 Sept 2018	15 Sept 2018	12		

	6. Frames in HTML 6.1. Overview 6.2. and tag, and attributes 6.3. Simple Frame 6.4. Use of tag 6.5. Frame targeting 6.6. Floating frame UNIT IV: 7. Forms in HTML 7.1. Introduction 7.2. tag and attributes 7.3. Form controls like text filed, submit, reset, radio button, etc. 8. DHTML 8.1. Introduction 8.2. DOM 8.3. Introduction CSS 9. VB and Java Script 9. VB and Java Script 9.1. Introduction, adding script to document, data types, operators 9.2. Variables, global and local 9.3. I/O statements 9.4. Control Statements: if, if...else, select case. 9.5. Looping statements for---next, do-while, do until 9.6. Adding script to documents 9.7. If statements, looping statements 9.8. Events in java script.	16 Sept 2018	30 Sept 2018	12		
		1 Oct 2018	06 Oct 2018	06		Assignment 3:- 1 Oct - 2018

Name of Teacher: Prof. Joshi P.G.

Class : BCA II (III SEM)

Sr. No.	Course Title and Course Code	Unit and Chapter to be covered	Date		No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
			FROM	TO			
2	DBMS U-DBM-391	UNIT I: 1. Introduction to Database 1.1 Definition of data, database& DBMS 1.2 Advantages& disadvantages of DBMS 1.3 users of DBMS 1.4 DBMS STRUCTURE	02 July 2018	10 July 2018	06	Classroom Seminar	Unit – I Chapters 1
		2.Elements of DBMS 2.1 DBMS languages 2.2 Terms: Entity, Entity set & attributes. 2.3 Keys : Primary, secondary, foreign & composite	11 July 2018	20 July 2018	08		Assignment 1 22.07.2020
		UNIT II :-3.Data Models 3.1 Introduction 3.2 Record based logical models 3.3 E-R model	21 July 2018	30 July 2018	08		

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