

RajarshiShahuMahavidyalaya(Autonomous), Latur
Faculty of Information Technology

Teaching Plan(Semester-I)

Academic Year (2018 - 2019)

(22/06/2018 TO 03/Nov-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	BSc CS FY (I SEM) Div A + Div B	Mrs. Kulkarni Chandraprabha V.	Introduction To Linux OS	U-INL-174 Total Credit :3	U-LAC-178 Total Credit :2	(TH) 70 (PR)15

2. Summary of Lesson Plan

Sr. No.	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.	UNIT I: Introduction to Linux and File System Chapter 1. Introduction to Linux O.S. Chapter 2. Linux File System	23/06/2018	17/07/2018	18	ICT Teaching Through Projector	Class Test
2.	UNIT II: Linux commands Chapter 3. Linux commands	19/07/2018	31/07/2018	10	ICT Teaching Through Projector	Class Test
3	UNIT III: VI Editor Chapter 4. Working with permissions Permission	01/09/2018	15/09/2018	12	Classroom Seminar	Class Test
4	UNIT IV: RPM Chapter 5. Working with RPM	15/09/2018	29/09/2018	09	Classroom Seminar	Class Test

H.O.D.

Prof. Kulkarni Chandraprabha V.

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

Teaching Plan(Semester-II)

(29/11/2018 TO 30/04/ 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	BSc CS FY (II Sem) Div B	Kulkarni Chandraprabha V.	Data Base Mgmt. System Credits:3	U-DBM- 272 Credits : 2	U-LAC- 276	(TH) (PR) 15
2	B.C.A. FY(II Sem)		Advance C	U-ADC- 281	U-LAC- 285	(TH) (PR)15

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Date		No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1.	UNIT –I 1. Introduction to Database 1.1. Definition of DBMS, File processing Vs DBMS 1.2. Advantages and disadvantages of DBMS 1.3. Users of DBMS 1.4. DBMS Structure 2. Elements of DBMS 2.1. DBMS Languages: DDL, DML, DCL 2.2. Terms: Entity, Entity set, attributes	29/11/18	19/12/18	18	Class Seminar	Assignmnet on Create table stmt.
		20/12/18	29/12/18	09		

	2.3. Keys: Primary, secondary, foreign, compolsite					
2.	UNIT –II 3. Data Models 3.1. Introduction, Object based logical model, 3.2. record based logical model (RDB, NDB, HDB) 3.3. E-R model, E-R diagram 4. Relational Algebra and Calculus 4.1. Introduction 4.2. Relation, Schemes, Domain, Tuples 4.3. Cardinality degree 4.4. Algebraic operation 4.5. Fundamental operation: Select, product, union 4.6. Set difference: Natural join, Cartesian product, rename	01/01/2019 09/01/2019	08/01/2019 19/01/2019	07 08	Class Seminar	Assignmnet on Insert into table stmt.
3.	Unit –III 5. Relational Database Design 5.1. Normalization: INF, 2NF, 3NF, BCNF 5.2. Class diagrams and E-R tables 5.3. Functional dependency 6. SQL 6.1. Data types 6.2. Table Creation, Modify 6.3. Selecting, Deleting records 6.4. Simple queries 6.5. Oracle constraints	01/02/2019	28/02/2019	20	Teble Creation query task.	Assignmnet on Select stmt.
4	Unit-IV 7. Use of Operators	01/03/2019	20/03/2019	15	Insert into query task	Assignmnet on Operators.

7.1. Comparison operators 7.1.1. Between, In, Not In, Like, Null 7.2. Logical operators 7.2.1. AND, OR, NOT 8. Advance in SQL 8.1. SQL function 8.2. Joins (Self and equi) 8.3. Sub-queries 8.4. Views					
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Prof. Kulkarni Chandraprabha V.

Sr. No.	Unit and Chapter to be covered Paper Name : Advance C U-ADC-281	Date		No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1.	UNIT I: Pointer , Structure & Union CHAPTER : 1. Pointer & Dynamic Memory Allocation CHAPTER : 2. Structure & Union	01/12/2018	27/12/2018	22	Class Seminar	Assignmnet on Pointer.
2	UNIT II: File Handling and Bit Operations CHAPTER : 3. File Handling CHAPTER : 4. Bit Operations	01/1/19	08/01/19	07	Class Seminar	Assignmnet on File Handling
3	UNIT III : Interaction with Hardware through 'C' and VDU Basic CHAPTER : 5. Interaction with Hardware through 'C' CHAPTER : 6. VDU Basic	10/01/19	19/01/2019	08	Class Seminar	Class Test
4	UNIT IV: Keyboard , Mouse programming and Introduction to C++ 7. Keyboard And Mouse	1/03/2019	20/03/2019	15	Class Seminar	Class Test

	Programming 8. Introduction to C++					
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