

Rajarshi Shahu Mahavidyalaya, Latur(Autonomous)

Department Of Computer Science & I.T.

Structured Work Plan for Teaching

(29 – NOV - 18 TO 21- March-19)

1. Details of Classes to be taught

Sr. No.	Class	Name of Asst. Prof.	Paper	Paper Code	Practical paper code	Total Teaching Hrs
1	B.C.A. F.Y. [II-Sem]	Ahale C.P	Operating System	U-OPS-279 Total Credit:3	U-LAC-283 Total Credit:2	TH: 60 Pr: 15

2. Summary of Lesson Plan

Name of Teacher: Ms. Ahale C.P. Class : B.C.A. F.Y. (II Sem.)

Sr. No.	Course Title & 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	Operating System U-OPS-279	UNIT I: 1. Introduction Definition of O.S. Types of O.S, O.S. as resource manager, O.S. Process view, Hierarchical view 2. Introduction to windows O.S. Introduction. History. Files and Folders. Architecture of windows. Basics of Windows: desktop, my computer. 3. Features of MS-Windows GUI, Multitasking, Multi-user, network etc. Important files of windows	29.11.18	06.12.18	08	Class room Practice	Unit – I Chapters 1& 2
			07.12.18	24.12.18	15		
			25.12.18	7.1.19	09		

		Unit II: ch 4. Memory management Single continues allocation. Introduction to multiprogramming. Partitioned Memory management. Paged memory management, demand paged memory management. Segmented Memory management	9.1.19	18.1.19	12	Class room Seminar	Unit – II
UNIT TEST – I [20.01.19 TO 28.01.19]							
	Operating System U-OPS-279	Unit III: 5. Processor Management State model. Job Scheduling Process Scheduling Multiprocessor system Process synchronization	29.01.19	2.02.19	05	Class room Seminar	Unit – III Chapters 1 (Practice and Class room Seminar)
			4.02.19	1.03.19	22	Class room Seminar	Chapters 2 (Practice and Class room Seminar)
		Unit IV: 6. Device management . Techniques for Device management. Devise management characteristics. Channels and control units. Device	2.03.19	14.03.19	10	Classroom	Unit – IV Chapters 1 (Practice ,Class room

1	Mathematical Foundation for Computer Science U-MFC-491	UNIT I: Sets, Relations and Functions Union CHAPTER : 1. Sets theory, . Definition and types of sets Equal sets, subsets, universal sets, Venn diagram. Set operations ,Properties of set union and intersections Cartesian product CHAPTER : 2 Relation , types of relation CHAPTER : 3 Function, domain, range, Types of function	29.11.18 07.12.18 19.12.18 25.12.18	06.12.18 18.12.18 24.12.18 7.1.19	08 10 05 09	Class room Practice	Unit – I Chapters 1& 2
		UNIT II: Mathematical logic Propositions ,Truth values and truth table , Logical connectives and compound statements Statement pattern and logical equivalence ,Tautology, contradiction, contingency	9.1.19	18.1.19	12	Class room Seminar	Unit – II
		UNIT III : MATRICES AND DETERMINANTS CHAPTER : 1:- DETERMINANTS. Definition of Determinant CHAPTER : 2. MATRICES Definition and types of	29.01.19	2.02.19	05	Class room Seminar	Unit – III Chapters 1 (Practice and Class room Seminar)

	<p>matrices Equality of Matrices and transpose of matrices</p> <p>Algebra of matrices : addition, subtraction of matrices, scalar Multiplication of matrix Adjoint of matrices Inverse of matrices</p>	4.02.19	1.03.19	22	Class room Seminar	Chapters 2 (Practice and Class room Seminar)
	<p>UNIT IV: GRAPH THEORY</p> <p>CHAPTER : 1:-. Definition and types of graphs , Incidences and degree of vertices , Isomorphism of graphs , Connected and disconnected graphs , Walks, paths and circuits , Directed graph</p> <p>CHAPTER : 2:- Tree</p> <p>Centre of Tree , Binary Tree , Spanning tree , Cut sets and Cut vertices – Fundamental circuits and cut sets , Edge Connectivity - Vertex connectivity ,</p>	2.03.19	14.03.19	10	Classroom Seminar	Unit – IV Chapters 1 (Practice ,Class room Seminar)
		15.03.19	21.03.19	06		Chapters 2 (Practice ,Class room Seminar)

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Faculty of Information Technology

Structured Work Plan For Teaching

(2 July 2018 to 3 October 2018)

1. Details of Classes to be taught

Sr. No	Class	Name of Asst. prof	Course Title	Course Code	Practical paper code	Total Teaching Hrs
1	B.C.A. F.Y.(I Sem)	Ahale C. P.	Foundation of I.T.	U-FIT-179 Total Credit:2	U-LAC-183	TH:61 Pr: 15

2. Summary of Lesson Plan

Name of Teacher: Ms. Ahale C. P. Class:- B.C.A. F.Y.(I Sem)

Sr. No	Course Title & Course Code	Unit & Chapter to be covered	Date		No of Lectures	Academic activities to be organized	No of Test/ Assignment with topic and date
			From	To			
1	Foundation of I.T. (U-FIT-179)	UNIT - I Computer System AND Data Representation within Computer Introduction to Computer System. Introduction. Basic structure, ALU memory, CPU, I/O devices. Generations of computer. Evolution of computer. Classification of computers: Notebook computers, personal computers, workstation, micro, mini, mainframe, super computer 2. Data Representation within Computer 2.1. Bit , Byte, Word 2.2. ASCII, EBCDIC, BCD code 2.3. Introduction to number system 2.4. Decimal , Binary, Octal , Hexadecimal	2.7.18	20.7.18	15	Class room Practice	Class test and Assignment

2		<p>UNIT – II</p> <p>Input Output Devices AND Memory</p> <p>3. Input Output Devices</p> <p>3.1. Input Devices: Keyboard, Point & Draw Devices, 3.2. Data Scanning devices, Digitizer, Electronic Card Reader, Voice Recognition 2 devices</p> <p>3.3. Output Devices Monitor, Printer, Plotter, Screen Image projector, voice response system.</p> <p>4. Memory. RAM, ROM, PROM, EPROM, EEPROM. Base Memory, Extended memory, Expanded memory, cache memory. Storage devices : Tape, FDD, HDD, CD ROM</p>	21.7.18	14.8.18	22	Class room Practice	Class test and Assignment
		<p>UNIT – III</p> <p>5. Computer Software. Definition of software. Types of software: Compilers, Interpreters, Assemblers, Linkers, Loaders. Operating System: Introduction. Main function of operating system. Files and directories. Types of OS</p>	16.8.18	10.9.18	15	Class room Practice	Class test and Assignment

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Faculty of Information Technology

Structured Work Plan For Teaching

(21 June 2019 to 24 October 2019)

1. Details of Classes to be taught

Sr. No	Class	Name of Asst. prof	Course Title	Course Code	Practical paper code	Total Teaching Hrs
1	B.C.A. F.Y.(I Sem)	Ahale C. P.	Foundation of I.T.	U-FIT-179 Total Credit:2	U-LAC-183	TH:61 Pr: 15

2. Summary of Lesson Plan

Name of Teacher: Ms. Ahale C. P. Class:- B.C.A. F.Y.(I Sem)

Sr. No	Course Title & Course Code	Unit & Chapter to be covered	Date		No of Lectures	Academic activities to be organized	No of Test/ Assignment with topic and date
			From	To			
1	Foundation of I.T. (U-FIT-179)	UNIT - I Computer System AND Data Representation within Computer Introduction to Computer System. Introduction. Basic structure, ALU memory, CPU, I/O devices. Generations of computer. Evolution of computer. Classification of computers: Notebook computers, personal computers, workstation, micro, mini, mainframe, super computer 2. Data Representation within Computer 2.1. Bit , Byte, Word 2.2. ASCII, EBCDIC, BCD code 2.3. Introduction to number system 2.4. Decimal , Binary, Octal , Hexadecimal	21.6.19	18.7.19	14	SIP	Class test and Assignment

2		<p>UNIT II : Input Output Devices AND Memory 3.</p> <p>Input Output Devices 3.1. Input Devices: Keyboard, Point & Draw Devices, 3.2. Data Scanning devices, Digitizer, Electronic Card Reader, Voice Recognition 2 devices 3.3. Output Devices Monitor, Printer, Plotter, Screen Image projector, voice response system.</p> <p>4. Memory. RAM, ROM, PROM, EPROM, EEPROM. Base Memory, Extended memory, Expanded memory, cache memory. Storage devices : Tape, FDD, HDD, CD ROM</p>	19.7.19	16.8.19	15	Class room Practice	MCQ based test and Assignment
		<p>UNIT III: Computer Software Definition of software. Types of software: Compilers, Interpreters, Assemblers, Linkers, Loaders. Operating System: Introduction. Main function of operating system. Files and directories. Types of OS</p>	17.8.19	14.9.19	16	Class room Practice	Class test and Assignment
		<p>UNIT IV: Operating system AND Internet 6. Operating system 6.1. Fundamentals of DOS, Booting procedure of DOS. DOS commands (Internal & External). Configuration of DOS (Config.sys), Batch file concepts (Autoexe.bat. Introduction to WINDOWS. Introduction to LINUX</p> <p>7. Internet :Basic services Email, File Transfer Protocol, Telnet. Internet search tools. www browsers. uses of the internet</p>	26.9.19	24.10.19	15	Class room Practice	Class test and Assignment

