



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Scheme of Examination as per AICTE Model Curriculum w.e.f. July 2019

Grading System

Bachelor of Engineering (Information Technology)

Semester/Year :III /II

For Students Admitted in July 2019 onwards

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks
				Theory			Practical			L	T	P		
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz					
1	BE31	BSC	MATHEMATICS-III	60	30	10	0	0	0	2	1	0	3	100
2	BE32	BSC	BIOLOGY	60	30	10	0	0	0	2	1	0	3	100
3	IT31	PCC-IT	COMPUTER ORGANIZATION & ARCHITECTURE	60	30	10	30	10	10	3	1	2	5	150
4	IT32	PCC-IT	DIGITAL CIRCUITS & SYSTEM	60	30	10	30	10	10	3	1	2	5	150
5	IT33	PCC-IT	DATA STRUCTURE & ALGORITHM	60	30	10	30	10	10	3	1	4	6	150
6	BE34	DLC	PROGRAMMING LAB IN JAVA	0	0	0	50	50	50	0	0	4	2	150
TOTAL				300	150	50	140	80	80	13	5	12	24	800
7	BE-35	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-I	MANDATORY COURSE(NON CREDIT)										
L: LECTURE P: PRACTICAL T: TUTORIAL														



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For Students Admitted in July 2019 onwards

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks	
				Theory			Practical			L	T	P			
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz						
1	BE41	HSMC	ENGG. ECONOMICS & ACCOUNTANCY	60	30	10	0	0	0	2	1	0	3	100	
2	IT41	PCC-IT	ANALOG & DIGITAL COMMUNICATION	60	30	10	0	0	0	2	1	0	3	100	
3	IT42	PCC-IT	OBJECT ORIENTED PROGRAMMING	60	30	10	30	10	10	3	1	2	5	150	
4	IT43	PCC-IT	DESIGN & ANALYSIS OF ALGORITHMS	60	30	10	30	10	10	3	1	2	5	150	
5	IT44	PCC-IT	OPERATING SYSTEMS	60	30	10	30	10	10	3	1	4	6	150	
6	BE42	DLC	PROGRAMMING LAB (MATLAB/ DOT NET)	0	0	0	50	50	50	0	0	4	2	150	
TOTAL				300	150	50	140	80	80	13	5	12	24	800	
7	BE43	MC	ENVIORNMENT SCIENCE							MANDATORY COURSE (NON CREDIT)					
8	BE 44	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-II							MANDATORY COURSE (NON CREDIT)					



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For Students Admitted in July 2019 onwards

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks	
				Theory			Practical			L	T	P			
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz						
1	IT51	PCC-IT	INTERNET OF THINGS	60	30	10	30	10	10	2	1	0	3	150	
2	IT52	PEC-IT	ELECTIVE-I	60	30	10	0	0	0	2	1	0	3	100	
3	IT53	PCC-IT	DATABASE MANAGEMENT SYSTEM	60	30	10	30	10	10	3	1	2	5	150	
4	IT54	DC3	COMPUTER NETWORKING	60	30	10	30	10	10	3	1	2	5	150	
5	IT55	PCC-IT	THEORY OF COMPUTATION	60	30	10	0	0	0	3	1	4	6	100	
6	IT56	DLC	INDUSTRIAL TRAINING (2 WEEKS)	0	0	0	50	50	50	0	0	4	2	150	
TOTAL				300	150	50	140	80	80	13	5	12	24	800	
7	BE52	MC	ESSENCE OF INDIAN KNOWLEDGE TRADITION							MANDATORY COURSE (NON CREDIT)					
8	BE 53	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-III							MANDATORY COURSE (NON CREDIT)					

Elective -I [Any one to be selected]

IT-52(A) COMPUTER GRAPHICS & MULTIMEDIA

IT-52(B) MICROPROCESSOR & INTERFACING

IT-52(C) E COMMERCE & GOVERNANCE



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Semester/Year : VI /III

For Students Admitted in July 2019 onwards

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks
				Theory			Practical			L	T	P		
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz					
1	IT 61	OEC-IT	OPEN ELECTIVE-I	60	30	10	0	0	0	2	1	0	3	100
2	IT 62	PEC-IT	ELECTIVE-II	60	30	10	0	0	0	2	1	0	3	100
3	IT 63	PEC-IT	ELECTIVE-III	60	30	10	30	10	10	3	1	2	5	150
4	IT 64	PCC-IT	WIRELESS AND MOBILE COMPUTING	60	30	10	30	10	10	3	1	2	5	150
5	IT 65	PCC-IT	COMPILER DESIGN	60	30	10	30	10	10	3	1	4	6	150
6	IT 66	PROJ-IT	MINOR PROJECT	0	0	0	50	50	50	0	0	4	2	150
TOTAL				300	150	50	140	80	80	13	5	12	24	800
7	BE 61	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL - LEVEL - IV						MANDATORY COURSE (NON CREDIT)					

Open Elective - I [Any one to be selected]
 IT-61(A) CYBER LAW AND ETHICS
 IT-61(B) SOFT SKILLS AND INTERPERSONAL COMMUNICATION
 IT-61(C) COMPARATIVE STUDY OF LITERATURE

Elective -II [Any one to be selected]
 IT-62(A) FAULT TOLERANT COMPUTING
IT-62(B) EMBEDDED SYSTEM
 IT-62(C) INFORMATION RETRIVAL

Elective -III [Any one to be selected]
 IT-63(A) SOFTWARE ENGINEERING & PROJECT MANAGEMENT
 IT-63(B) HUMAN COPMUTER INTERACTION
 IT-63(C) WEB AND INTERNET



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Semester/Year : VII /IV

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No.	Subject Code	Category	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks
				Theory			Practical			L	T	P		
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz					
1	IT 71	OEC-IT	OPEN ELECTIVE-II	60	30	10	0	0	0	2	1	0	3	100
2	IT 72	PCC-IT	DISTRIBUTED SYSTEM	60	30	10	0	0	0	2	1	0	3	100
3	IT 73	PEC-IT	ELECTIVE-IV	60	30	10	30	10	10	3	1	2	5	150
4	IT 74	PEC-IT	ELECTIVE-V	60	30	10	0	0	0	3	1	0	4	100
5	IT 75	PCC-IT	WEB ENGINEERING	60	30	10	30	10	10	3	1	2	5	150
6	IT 76	PROJ-IT	MAJOR PROJECT-I	0	0	0	100	50	50	0	0	8	4	200
TOTAL				300	150	50	160	70	70	13	5	12	24	800

Open Elective - II [Any one to be selected]
 IT-71(A) HUMAN RESOURCE DEVELOPMENT AND ORGANIZATIONAL BEHAVIOR
 IT-71(B) HISTORY OF SCIENCE & ENGINEERING
 IT-71(C) ECONOMIC POLICIES IN INDIA

Elective -IV[Any one to be selected]
 IT-73(A) DATA MINING
 IT-73(B) SOFT COMPUTING
 IT-73(C) NEURAL NETWORKS AND DEEP LEARNING

Elective -V[Any one to be selected]
 IT-74(A) CLOUD COMPUTING
 IT-74(B) CRYPTOGRAPHY AND NETWORK SECURITY
 IT-74(C) OPTIMIZATION TECHNIQUES



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Semester/Year : VIII /IV

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S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Hours/Week			Credit	Total Marks
				Theory			Practical		L	T	P		
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Term Work					
1	IT 81	PROJ-IT	MAJOR PROJECT - II / INTERNSHIP	—	—	—	600	200			30	15	800
TOTAL							600	200			30	15	800