



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Scheme of Examination as per AICTE Model Curriculum and NEP 2020 w.e.f. July 2021

Grading System (For Students Admitted in July 2021 onwards)

Bachelor of Technology (Information Technology)

Semester/Year :III /II

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	3	1	0	4	100
2	BE32	BSC	BIOLOGY	60	30	10	0	0	0	3	1	0	4	100
3	IT31	PCC-IT	COMPUTER ORGANIZATION & ARCHITECTURE	60	30	10	30	10	10	2	1	2	4	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	2	1	4	5	150
6	BE34	DLC	PROGRAMMING LAB IN JAVA	0	0	0	50	50	50	0	0	4	2	150
7	MC-3	NNP	NSS/NCC/PHYSICAL EDUCATION	30	10	10	30	10	10	1	.	2	2	100
8	MC-3A	NNP	CAMP-1 FOR NSS/NCC/ PHYSICAL EDUCATION EVALUATION IN IIIrd SEM	30	10	10	30	10	10	2		6	5	100
TOTAL				360	170	70	200	100	100	16	5	20	24[§]/31[#]	800[§]/ 1000[#]
9	BE-35	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-I						MANDATORY COURSE(NON CREDIT)					
L: LECTURE P: PRACTICAL T: TUTORIAL														

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Bachelor of Technology (Information Technology)

Semester/Year :IV /II

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	3	1	0	4	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	2	1	4	5	150
6	BE42	DLC	PROGRAMMING LAB (MATLAB/ DOT NET)	0	0	0	50	50	50	0	0	4	2	150
7	MC4	NNP	NSS/NCC/PHYSICAL EDUCATION	30	10	10	30	10	10	2	-	2	3	100
TOTAL				330	160	60	170	90	90	15	5	14	24[§]/ 27[#]	800[§]/ 900[#]
8	BE43	MC	ENVIRONMENT SCIENCE	MANDATORY COURSE (NON CREDIT)										
9	BE 44	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-II	MANDATORY COURSE (NON CREDIT)										

INDUSTRIAL TRAINING(2 WEEKS) TO BE CARRIED OUT AT THE END OF IVth SEM. EXAM AND EVALUATED IN Vth SEMESTER

IIND CAMP FOR NSS,NCC & PHYSICAL EDUCATION TO BE CARRIED OUT AT THE END OF IVTH SEM EXAM AND EVALUATED IN VTH SEMESTER

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Semester/Year : V /III

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	
7	MC5	NNP	NSS/NCC/PHYSICAL EDUCATION	30	10	10	30	10	10	1	-	2	2	100	
8	MC5A	NNP	CAMP-2 FOR NSS/NCC/ PHYSICAL EDUCATION EVALUATION IN V SEM	30	10	10	30	10	10	2	-	6	5	100	
TOTAL				360	170	70	200	100	100	16	5	20	24[§]/31[#]	800[§]/1000[#]	
9	BE52	MC	ESSENCE OF INDIAN KNOWLEDGE TRADITION							MANDATORY COURSE (NON CREDIT)					
10	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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Bachelor of Technology (Information Technology)

Semester/Year : VI /III

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
7	MC6	NNP	NSS/NCC/PHYSICAL EDUCATION	30	10	10	30	10	10	2	-	2	3	100
TOTAL				330	160	60	170	90	90	15	5	14	24[§]/ 27[#]	800[§]/ 900[#]
8	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

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[§]/ 24[#]	800[§]/ 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

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 ^{\$} / 15 [#]	800 ^{\$} / 800 [#]

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