



# 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)

## 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	ESC	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
<b>TOTAL</b>				<b>360</b>	<b>170</b>	<b>70</b>	<b>200</b>	<b>100</b>	<b>100</b>	<b>16</b>	<b>5</b>	<b>20</b>	<b>24<sup>§</sup>/31<sup>#</sup></b>	<b>800<sup>§</sup>/1000<sup>#</sup></b>
9	BE-35	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-I					MANDATORY COURSE (NON CREDIT)						
<b>L: LECTURE      P: PRACTICAL      T: TUTORIAL</b>														

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

Grading System (For students admitted in July 2021)

## 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	DISCRETE MATHEMATICS	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	
<b>TOTAL</b>				<b>330</b>	<b>160</b>	<b>60</b>	<b>170</b>	<b>90</b>	<b>90</b>	<b>15</b>	<b>5</b>	<b>14</b>	<b>24<sup>§</sup>/27<sup>#</sup></b>	<b>800<sup>§</sup>/900<sup>#</sup></b>	
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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Scheme of Examination as per AICTE Model Curriculum and NEP 2020 w.e.f. July 2021

Grading System (For students admitted in July 2021)

## Bachelor of Technology (Information Technology)

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	4	5	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	PCC-IT	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	0	4	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	
<b>TOTAL</b>				<b>360</b>	<b>170</b>	<b>70</b>	<b>200</b>	<b>100</b>	<b>10</b>	<b>16</b>	<b>5</b>	<b>20</b>	<b>24<sup>§</sup>/31<sup>#</sup></b>	<b>800<sup>§</sup>/1000<sup>#</sup></b>	
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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Grading System (For students admitted in July 2021)

## 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	CYBER LAW AND ETHICS	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 & 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	
<b>TOTAL</b>				<b>330</b>	<b>160</b>	<b>60</b>	<b>170</b>	<b>90</b>	<b>90</b>	<b>15</b>	<b>5</b>	<b>14</b>	<b>24<sup>§</sup>/ 27<sup>#</sup></b>	<b>800<sup>§</sup>/ 900<sup>#</sup></b>	
8	BE 61	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL - LEVEL - IV							MANDATORY COURSE (NON -CREDIT)					

Elective -II [Any one to be selected]	Elective -III [Any one to be selected]
IT-62(A) ADVANCE COMPUTER ARCHITECTURE IT-62(B) EMBEDDED SYSTEM IT-62(C) AD-HOC AND SENSOR NETWORKS	IT-63(A) SOFTWARE ENGINEERING & PROJECT MANAGEMENT IT-63(B) HUMAN COMPUTER INTERACTION IT-63(C) WEB AND INTERNET

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## Bachelor of Technology (Information Technology)

Semester/Year : VII /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 71	OEC-IT	HUMAN RESOURCE DEVELOPMENT AND ORGANIZATION BEHAVIOUR	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
<b>TOTAL</b>				<b>300</b>	<b>150</b>	<b>50</b>	<b>160</b>	<b>70</b>	<b>70</b>	<b>13</b>	<b>5</b>	<b>12</b>	<b>24<sup>§</sup>/ 24<sup>#</sup></b>	<b>800<sup>§</sup>/ 800<sup>#</sup></b>

<b>Elective -IV [Any one to be selected]</b> IT-73(A) DATA MINING IT-73(B) SOFT COMPUTING IT-73(C) NEURAL NETWORKS AND DEEP LEARNING	<b>Elective -V [Any one to be selected]</b> IT-74(A) CLOUD COMPUTING IT-74(B) CRYPTOGRAPHY AND NETWORK SECURITY IT-74(C) OPTIMIZATION TECHNIQUES
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## Bachelor of Technology (Information Technology)

Semester/Year : VIII /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	Term Work					
1	IT 81	PROJ- IT	MAJOR PROJECT - II/ INTERNSHIP	—	—	—	600	200			30	15	800
			TOTAL				600	200			30	15 <sup>§</sup> / 15 <sup>#</sup>	800 <sup>§</sup> / 800 <sup>#</sup>

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