SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL
Grading
M.TECH. (Information Technology)
Scheme of Examination w.e.f. 2020-21
Semester/Year: I / I
For Students admitted in July 2020 Onwards

S. NO.	Subject Code	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	IT11	Program Core I- Mathematical foundations of Computer Science	100	30	30			3	1	0	4	160
2	IT12	Program Core II- Advanced Data Structures	100	30	30	50	50	3	1	4	6	260
3	IT13	Program Elective I	100	30	30	50	50	3	1	4	6	260
4	IT14	Program Elective II	100	30	30			3	1	0	4	160
5	IT15	Research Methodology and IPR	100	30	30			3	1	0	4	160
6	IT16	Audit Course -I (English for Research Paper Writing)						2	0	0	0	0
7		Total	500	150	150	100	100	17	5	8	24	1000

Program Elective - I [Any one to be selected]	Program Elective -II [Any one to be selected]
IT13(A) Operating System Design	IT14(A) Data Warehouse and Data Mining
IT13(B) Mobile Applications and Services	IT14(B) Distributed Systems
IT13(C) Wireless Access Technologies	IT14(C) Web Search & Information Retrieval

SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL
Grading
M.TECH.(Information Technology)
Scheme of Examination w.e.f. 2020-21
Semester/Year :II / I

For Students admitted in July 2020 Onwards

| S. NO. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | Hours/ Week | | | Credit | Total Marks |
| | | | Theory | | | Practical | | | | | | |
			End Sem.	Mid Sem	Quiz, Assignment	End Sem.	Term Work	L	T	P		
1	IT21	Program Core III - Advance Algorithms	100	30	30	50	50	3	1	2	6	260
2	IT22	Program Core IV- Soft Computing	100	30	30	50	50	3	1	2	6	260
3	IT23	Program Elective III	100	30	30			4	1	0	5	160
4	IT24	Program Elective IV	100	30	30			4	1	0	5	160
5	IT25	Audit Course -II (Constitution of India)	0	0	0			2	0	0	0	0
6	IT26	Mini Project with Seminar	0	0	0	100	60	0	0	4	2	160
6		Total	400	120	120	200	160	18	4	8	24	1000

Program Elective - III [Any one to be selected]	Program Elective -IV [Any one to be selected]
IT23(A) Data Preparation and Analysis	IT24(A) Human and Computer Interaction
IT23(B) Secure Software Design & Enterprise Computing	IT24(B) Web Analytics and Development
IT23(C) Advanced Computer Networking	IT24(C) Ethical Hacking

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Semester/Year :III / II

For Students admitted in July 2020 Onwards

| S. NO. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | Hours/ Week | | | Credit | Total Marks |
| | | | Theory | | | Practical | | | | | | |
			End Sem.	Mid Sem	Quiz, Assignment	End Sem.	Term Work	L	T	P		
1	IT31	Program Elective V	100	30	30			4	1	0	5	160
2	IT32	Open Elective	100	30	30			4	1	0	5	160
3	IT33	Dissertation -I/ Industrial Project				400	280	0	0	20	10	680
		Total	200	60	60	400	280	8	2	20	20	1000

Program Elective - V [Any one to be selected]	Open Elective - [Any one to be selected]
IT31(A) Cloud Computing	IT32(A) Business Analytics
IT31(B) Database Security and Access Control	IT32(B) Operations Research
IT31(C) Optimization Techniques	IT32(C) Cost Management of Engineering Projects

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Semester/Year :IV / II
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S. NO.	Subject Code	Subject Name	Maximum Marks Allotted					Hours/ Week			Credit	Total Marks
			Theory			Practical						
			End Sem.	Mid Sem	Quiz, Assignment	End Sem.	Term Work	L	T	P		
1	IT41	Dissertation -II				500	500	0	0	30	15	1000
		Total				500	500	0	0	30	15	1000