SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Grading

M.TECH.(Computer Science & Engineering)

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	CS11	Program Core I- Mathematical foundations of Computer Science	100	30	30			3	1	0	4	160
2	CS12	Program Core II- Advanced Data Structures	100	30	30	50	50	3	1	4	6	260
3	CS13	Program Elective I	100	30	30	50	50	3	1	4	6	260
4	CS14	Program Elective II	100	30	30			3	1	0	4	160
5	CS15	Research Methodology and IPR	100	30	30			3	1	0	4	160
6	CS16	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]**
CS13(A) Machine Learning	CS14(A) Data Science
CS13(B) Wireless Sensor Networks	CS14(B) Distributed Systems
CS13(C) Introduction to Intelligent Systems	CS14(C) Advanced Wireless and Mobile Networks

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M.TECH.(Computer Science & Engineering)

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		L	T	P		
			End Sem.	Mid Sem	Quiz, Assignment	End Sem.	Term Work					
1	CS21	Program Core III - Advance Algorithms	100	30	30	50	50	3	1	2	6	260
2	CS22	Program Core IV Soft Computing	100	30	30	50	50	3	1	2	6	260
3	CS23	Program Elective III	100	30	30			4	1	0	5	160
4	CS24	Program Elective IV	100	30	30			4	1	0	5	160
5	CS25	Audit Course -II (Constitution of India)	0	0	0			2	0	0	0	0
6	CS26	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]**
CS23(A) Data Preparation and Analysis	CS24(A) Human and Computer Interaction
CS23(B) Secure Software Design & Enterprise Computing	CS24(B) Big Data Analytics
CS23(C) Computer Vision	CS24(C) Digital Forensics

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M.TECH.(Computer Science & Engineering)

Scheme of Examination w.e.f. **2020-21**

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		L	T	P		
			End Sem.	Mid Sem	Quiz, Assignment	End Sem.	Term Work					
1	CS31	Program Elective V	100	30	30			4	1	0	5	160
2	CS32	Open Elective	100	30	30			4	1	0	5	160
3	CS33	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]**
CS31(A) Mobile Application and Services	CS32(A) Business Analytics
CS31(B) Compiler for HPC	CS32(B) Operations Research
CS31(C) Optimization Techniques	CS32(C) Cost Management of Engineering Projects

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M.TECH.(Computer Science & Engineering)

Scheme of Examination w.e.f. **2020-21**

Semester/Year :IV / II

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	CS41	Dissertation -II				500	500	0	0	30	15	1000
		Total				500	500	0	0	30	15	1000