



# SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

## Grading

**M.TECH.(Software 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	SE11	Program Core I- Mathematical foundations of Computer Science	100	30	30			3	1	0	4	160
2	SE12	Program Core II- Advanced Data Structures	100	30	30	50	50	3	1	4	6	260
3	SE13	Program Elective I	100	30	30	50	50	3	1	4	6	260
4	SE14	Program Elective II	100	30	30			3	1	0	4	160
5	SE15	Research Methodology and IPR	100	30	30			3	1	0	4	160
6	SE16	Audit Course-I (English for Research Paper Writing)						2	0	0	0	0
7		<b>Total</b>	<b>500</b>	<b>150</b>	<b>150</b>	<b>100</b>	<b>100</b>	<b>17</b>	<b>5</b>	<b>8</b>	<b>24</b>	<b>1000</b>

<b>Program Elective - I [Any one to be selected]</b> SE13(A) Operating System Design SE13(B) Software Engineering SE13(C) Introduction to Intelligent Systems	<b>Program Elective -II [Any one to be selected]</b> SE14(A) Data Warehouse and Data Mining SE14(B) Distributed Systems SE14(C) Advanced Wireless and Mobile Networks
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S. NO.	Subject Code	Subject Name	Maximum Marks Allotted					Hours/ Week			Credit	Total Marks
			Theory			Practical		L	T	P		
			End Sem.	Mid Sem	Quiz, Assignme nt	End Sem.	Term Work					
1	SE21	Program Core III - Advance Algorithms	100	30	30	50	50	3	1	2	6	260
2	SE22	Program Core IV Soft Computing	100	30	30	50	50	3	1	2	6	260
3	SE23	Program Elective - III	100	30	30			4	1	0	5	160
4	SE24	Program Elective - IV	100	30	30			4	1	0	5	160
5	SE25	Audit Course -II (Constitution of India)	0	0	0			2	0	0	0	0
6	SE26	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]**

SE23(A) Data Preparation and Analysis  
 SE23(B) Advance Database Management System  
 SE23(C) Data Visualization

**Program Elective -IV [Any one to be selected]**

SE24(A) Human and Computer Interaction  
 SE24(B) Web Analytics and Development  
 SE24(C) Knowledge Discovery



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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	SE31	Program Elective V	100	30	30			4	1	0	5	160
2	SE32	Open Elective	100	30	30			4	1	0	5	160
3	SE33	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]**

SE31(A) Cloud Computing

SE31(B) High Performance Scientific Computing

SE31(C) Optimization Techniques

**Open Elective - [Any one to be selected]**

SE32(A) Business Analytics

SE32(B) Operations Research

SE32(C) Cost Management of Engineering Projects



## SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

**Grading**

**M.TECH.(Software 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, Assignme nt	End Sem.	Term Work					
1	SE41	Dissertation -II				500	500	0	0	30	15	1000
		Total				500	500	0	0	30	15	1000