



# SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

SCHEME OF EXAMINATION AS PER AICTE MODEL CURRICULUM w.e.f. JULY 2019

Grading System (FOR STUDENTS ADMITTED IN JULY-2019 ONWARDS)

**BACHELOR OF ENGINEERING (CIVIL ENGINEERING)**

**III rd Semester (II Year)**

S.NO.	SUBJECT CODE	CATEGORY	NAME OF SUBJECT	MAXIMUM MARKS ALLOTTED						TOTAL MARKS	CONTACT HOUR PER WEEK			TOTAL CREDITS	
				THEORY SLOT			PRACTICAL SLOT				L	T	P		
				END SEM	MID SEM TEST (TWO TEST AVG.)	QUIZ / ASSIGNMENTS	END SEM	TERM WORK							
								LAB WORK & SESSIONAL	ASSIGNMENT / QUIZ						
1	BE 31	BSC	MATHS III	60	30	10	-	-	-	100	3	1	0	4	
2	BE 32	BSC	BIOLOGY	60	30	10	-	-	-	100	3	1	0	4	
3	CE31	PCC	STRENGTH OF MATERIALS AND SOLID MECHANICS	60	30	10	30	10	10	150	2	1	4	5	
4	CE32	MC	INTRODUCTION TO CIVIL ENGINEERING, SOCIETAL & GLOBAL IMPACT	60	30	10	30	10	10	150	3	0	4	5	
5	CE33	PCC	MATERIALS, TESTING & EVALUATION	60	30	10	30	10	10	150	3	1	2	5	
6	BE 33	LE	JAVA PROGRAMMING	-	-	-	50	50	50	150	0	0	2	1	
<b>TOTAL</b>				<b>300</b>	<b>150</b>	<b>50</b>	<b>140</b>	<b>80</b>	<b>80</b>	<b>800</b>	<b>14</b>	<b>4</b>	<b>12</b>	<b>24</b>	
7	BE-34	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-I						MANDATORY COURSE (NON CREDIT)						
<b>L: LECTURE</b>				<b>P: PRACTICAL</b>						<b>T: TUTORIAL</b>					



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**BACHELOR OF ENGINEERING (CIVIL ENGINEERING)**

**IV SEMESTER (II YEAR)**

S.NO.	SUBJECT CODE	CATEGORY	NAME OF SUBJECT	MAXIMUM MARKS ALLOTTED						TOTAL MARKS	CONTACT HOUR PER WEEK			TOTAL CREDITS
				THEORY SLOT			PRACTICAL SLOT				L	T	P	
				END SEM	MID SEM TEST (TWO TEST AVG.)	QUIZ / ASSIGNMENTS	END SEM	TERM WORK						
								LAB WORK & SESSIONAL	ASSIGNMENT / QUIZ					
1	CE41	PCC	SURVEYING	60	30	10	30	10	10	150	2	1	4	5
2	CE42	PCC	ENGINEERING GEOLOGY AND GEO TECHNICAL ENGINEERING	60	30	10	30	10	10	150	3	1	2	5
3	CE43	ESC	BUILDING DRAWING & DESIGN	60	30	10	30	10	10	150	3	0	4	5
4	CE44	PCC	CONCRETE TECHNOLOGY	60	30	10	-	-	-	100	3	1	0	4
5	CE45	MC	MANAGEMENT I (ORGANIZATIONAL BEHAVIOR)	60	30	10	-	-	-	100	3	1	0	4
6	CE46	ESC	COMPUTER AIDED DRAWINGSLAB	-	-	-	50	50	50	150	0	0	2	1
<b>TOTAL</b>				<b>300</b>	<b>150</b>	<b>50</b>	<b>140</b>	<b>80</b>	<b>80</b>	<b>800</b>	<b>14</b>	<b>4</b>	<b>12</b>	<b>24</b>
<b>L: LECTURE      P: PRACTICAL      T: TUTORIAL</b>														
7	BE-41	MC	ENVIRONMENT SCIENCE							MANDATORY COURSES (NON CREDIT)				
8	BE 42	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-II							MANDATORY COURSE (NON CREDIT)				

**INDUSTRIAL TRAINING (2 WEEKS) TO BE CARRIED OUT AT THE END OF IV<sup>TH</sup> SEM. EXAM AND EVALUATED IN V<sup>TH</sup> SEMESTER**



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**BACHELOR OF ENGINEERING (CIVIL ENGINEERING)**

**V SEMESTER (III YEAR)**

S.NO.	SUBJECT CODE	CATEGORY	NAME OF SUBJECT	MAXIMUM MARKS ALLOTTED						TOTAL MARKS	CONTACT HOUR PER WEEK			TOTAL CREDITS
				THEORY SLOT			PRACTICAL SLOT				L	T	P	
				END SEM	MID SEM TEST (TWO TEST AVG.)	QUIZ / ASSIGNMENTS	END SEM	TERM WORK						
								LAB WORK & SESSIONAL	ASSIGNMENT / QUIZ					
1	CE51	PCC	THEORY OF STRUCTURES	60	30	10	30	10	10	150	3	0	4	5
2	CE52	PCC	FLUID MECHANICS & HYDRAULIC ENGINEERING	60	30	10	30	10	10	150	3	1	2	5
3	CE53	PCC	TRANSPORTATION ENGINEERING I	60	30	10	30	10	10	150	3	0	4	5
4	CE54	HSMC	PROFESSIONAL PRACTICE, LAW & ETHICS	60	30	10	-	-	-	100	3	1	-	4
5	CE55	PCC	HYDROLOGY & WATER RESOURCE ENGINEERING	60	30	10	-	-	-	100	3	1	-	4
6	CE56	LC	INDUSTRIAL TRAINING (SIX WEEK AFTER IV SEM)	-	-	-	50	50	50	150	0	0	2	1
<b>TOTAL</b>				<b>300</b>	<b>150</b>	<b>50</b>	<b>140</b>	<b>80</b>	<b>80</b>	<b>800</b>	<b>15</b>	<b>3</b>	<b>12</b>	<b>24</b>
L: LECTURE      P: PRACTICAL      T: TUTORIAL														
7	BE 51	MC	ESSENCE OF INDIAN KNOWLEDGE TRADITION						MANDATORY COURSES (NON CREDIT)					
8	BE 52	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-III						MANDATORY COURSE (NON CREDIT)					



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**BACHELOR OF ENGINEERING (CIVIL ENGINEERING)**

**VI SEMESTER (III YEAR)**

S.NO.	SUBJECT CODE	CATEGORY	NAME OF SUBJECT	MAXIMUM MARKS ALLOTTED						TOTAL MARKS	CONTACT HOUR PER WEEK			TOTAL CREDITS
				THEORY SLOT			PRACTICAL SLOT				L	T	P	
				END SEM	MID SEM TEST (TWO TEST AVG.)	QUIZ / ASSIGNMENTS	END SEM	TERM WORK						
								LAB WORK & SESSIONS	ASSIGNMENT / QUIZ					
1	CE61	PCC	TRANSPORTATION ENGINEERING II	60	30	10		-	-	100	3	1	0	4
2	CE62	PCC	RCC DESIGN	60	30	10	20	20	10	150	2	1	4	5
3	CE63	PCC	STEEL DESIGN	60	30	10	20	20	10	150	2	1	4	5
4	CE64	PEC	ELECTIVE I	60	30	10			-	100	3	1	0	4
5	CE65	OEC	OPEN ELECTIVE-I	60	30	10			-	100	3	1	0	4
6	CE66	PROJ	MINOR PROJECT	-	-	-	100	50	50	200	0	0	4	2
<b>TOTAL</b>				<b>300</b>	<b>150</b>	<b>50</b>	<b>140</b>	<b>90</b>	<b>70</b>	<b>800</b>	<b>13</b>	<b>5</b>	<b>12</b>	<b>24</b>
7	BE 61	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL - LEVEL - IV						MANDATORY COURSE (NON CREDIT)					
<b>L: LECTURE      P: PRACTICAL      T: TUTORIAL</b>														

**OPEN ELECTIVE –I (CHOOSE ANY ONE)**

CE65(A)HISTORY OF SCIENCE & ENGINEERING

CE65(B)ECONOMIC POLICIES IN INDIA

**CE65(C)METRO SYSTEMS AND ENGINEERING**

**ELECTIVE-I (CHOOSE ANY ONE)**

CE64(A)**FOUNDATION ENGINEERING**

CE64(B)CONSTRUCTION EQUIPMENT& AUTOMATION

**CE64(C)REPAIRS & REHABILITATION OF STRUCTURES**



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**BACHELOR OF ENGINEERING (CIVIL ENGINEERING)**

**VII SEMESTER (IV YEAR)**

S.NO.	SUBJECT CODE	CATEGORY	NAME OF SUBJECT	MAXIMUM MARKS ALLOTTED						TOTAL MARKS	CONTACT HOUR PER WEEK			TOTAL CREDITS
				THEORY SLOT			PRACTICAL SLOT				L	T	P	
				END SEM	MID SEM TEST (TWO TEST AVG.)	QUIZ / ASSIGNMENTS	END SEM	TERM WORK						
								LAB WORK & SESSIONAL	ASSIGNMENT / QUIZ					
1	CE 71	PCC	ENVIRONMENTAL ENGINEERING	60	30	10	30	10	10	150	3	1	2	5
2	CE 72	PCC	ENGINEERING ECONOMICS, ESTIMATION, COSTING AND VALUATION	60	30	10	-	-	-	100	3	1	0	4
3	CE 73	PEC	ELECTIVE II	60	30	10	-	-	-	100	3	1	0	4
4	CE 74	PEC	ELECTIVE III	60	30	10	-	-	-	100	3	1	0	4
5	CE 75	PROJ	MAJOR PROJECT-1	-	-	-	100	50	50	200	0	2	6	5
6	CE 76	ESC	STAAD PRO LAB	-	-	-	50	50	50	150	0	0	4	2
<b>TOTAL</b>				<b>240</b>	<b>120</b>	<b>40</b>	<b>180</b>	<b>110</b>	<b>110</b>	<b>800</b>	<b>12</b>	<b>6</b>	<b>12</b>	<b>24</b>

L: LECTURE      P: PRACTICAL      T: TUTORIAL

**ELECTIVE –II (CHOOSE ANY ONE)**

CE73( A) PHYSICO-CHEMICAL PROCESSES FOR WATER AND WASTEWATER TREATMENT.

CE73(B) SUSTAINABLE ENGINEERING & TECHNOLOGY

**CE73(C) CONSTRUCTION MANAGEMENT**

**ELECTIVE-II (CHOOSE ANY ONE)**

CE74 (A) MODERN CONSTRUCTION ENGINEERING MATERIALS.

**CE74 (B) ENVIRONMENTAL IMPACT ASSESSMENT**

CE74 (C) GEOGRAPHIC INFORMATION SYSTEMS AND SCIENCE



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**VIII SEMESTER (IV YEAR)**

S.NO.	SUBJECT CODE	CATEGORY	NAME OF SUBJECT	MAXIMUM MARKS ALLOTTED					TOTAL MARKS	CONTACT HOUR PER WEEK			TOTAL CREDITS
				THEORY SLOT			PRACTICAL SLOT			L	T	P	
				END SEM	MID SEM TEST (TWO TEST AVG.)	QUIZ / ASSIGNMENTS	END SEM	TERM WORK					
1	CE81	PROJ	MAJOR PROJECT-II / INTERNSHIP	-	-	-	600	200	800	-	-	30	15
<b>TOTAL</b>							<b>600</b>	<b>200</b>	<b>800</b>	-	-	<b>30</b>	<b>15</b>
L: LECTURE				P: PRACTICAL				T: TUTORIAL					