



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

SCHEME OF EXAMINATION AS PER AICTE MODEL CURRICULUM AND NEP 2020

BACHELOR OF TECHNOLOGY (w.e.f. JULY 2021)

Grading System (FOR STUDENTS ADMITTED IN JULY-2021 ONWARDS)

IIIrd Semester (II Year) CIVIL ENGINEERING

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	2	1	2	4
6	BE 34	LC	JAVA PROGRAMMING	-	-	-	50	50	50	150	0	0	4	2
7	MC-3	NNP	NSS/NCC/PHYSICAL EDUCATION	30	10	10	30	10	10	100	1	-	2	2
8	MC-3A	NNP	CAMP-1 FOR NSS/NCC/PHYSICAL EDUCATION EVALUATION IN III SEM	30	10	10	30	10	10	100	2	-	6	5
TOTAL				360	170	70	200	100	100	800^{\$}/1000[#]	16	4	22[*]	24^{\$}/31[#]
9	BE-34	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-I						MANDATORY COURSE (NON CREDIT)					
				L: LECTURE			P: PRACTICAL			T: TUTORIAL				

APPLICABLE ONLY FOR REGULAR STUDENTS ADMITTED IN JULY 2021 ONWARDS.

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IVth SEMESTER (II YEAR) CIVIL ENGINEERING

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
7	MC 4	NNP	NSS/NCC/PHYSICAL EDUCATION	30	10	10	30	10	10	100	2	-	2	3
TOTAL				330	160	60	170	90	90	800^{\$}/900[#]	16	4	14	24^{\$}/ 27[#]
L: LECTURE P: PRACTICAL T: TUTORIAL														
8	BE-41	MC	ENVIRONMENT SCIENCE							MANDATORY COURSES (NON CREDIT)				
9	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 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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Vth SEMESTER (III YEAR) CIVIL ENGINEERING

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
7	MC5	NNP	NSS/NCC/PHYSICAL EDUCATION	30	10	10	30	10	10	100	1	-	2	2
8	MC 5A	NNP	CAMP-2 FOR NSS/NCC/PHYSICAL EDUCATION EVALUATION IN V SEM	30	10	10	30	10	10	100	2	-	6	5
TOTAL				360	170	70	200	100	100	800[§]/1000[#]	18	3	20	24[§]/31[#]
L: LECTURE P: PRACTICAL T: TUTORIAL														
9	BE 51	MC	ESSENCE OF INDIAN KNOWLEDGE TRADITION						MANDATORY COURSES (NON CREDIT)					
10	BE 52	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-III						MANDATORY COURSE (NON CREDIT)					

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VIth SEMESTER (III YEAR) CIVIL ENGINEERING

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 / ASSIGNM ENTS	END SEM	TERM WORK						
								LAB WORK & SESSIONA L	ASSIGNM ENT / QUIZ					
1	CE61	PCC	TRANSPORTATION ENGINEERING II	60	30	10		-	-	100	3	1	0	4
2	CE62	PCC	RCC DESIGN	60	30	10	30	10	10	150	2	1	4	5
3	CE63	PCC	STEEL DESIGN	60	30	10	30	10	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
7	MC 6	NNP	NSS/NCC/PHYSICAL EDUCATION	30	10	10	30	10	10	100	2	-	2	3
TOTAL				330	160	60	190	80	80	800[§]/900[#]	15	5	14	24[§]/27[#]
8	BE 61	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL - LEVEL - IV						MANDATORY COURSE (NON CREDIT)					
L: LECTURE P: PRACTICAL T: TUTORIAL														

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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VIIth SEMESTER (IV YEAR) CIVIL ENGINEERING

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
TOTAL				240	120	40	180	110	110	800[§]/800[#]	12	6	12	24[§]/24[#]
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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VIIIth SEMESTER (IV YEAR) CIVIL ENGINEERING

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
TOTAL							600	200	800^{\$}/800[#]	-	-	30	15^{\$}/15[#]
L: LECTURE				P: PRACTICAL				T: TUTORIAL					

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