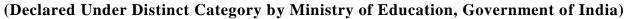


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Department of Civil Engineering Scheme of Evaluation

M. Tech. I Semester (Environmental Engineering) (for batch admitted in academic session 2024-25)

					N	Iaximum M	arks Allotte	ed			Con	tact H	ours				
		Category Code			Theory Block				Practical Block		p	er wee	k		Mode	Mode	Duration of
S. N	Course Code		Course Name	Continuous Evaluation				Continuous Evaluation		Total Marks				Total Credits	of	of Major Evaluation	Major
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Major Evaluation	Lab Work & Sessional	Major Evaluation		L	Т	P		3	Dyunuunon	Evaluation
1.	53241101	DC	Environmental Chemistry & Microbiology	20	20	30	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs
2.	53241102	DC	Solid Waste Management	20	20	30	30	-	-	100	2	1	,	3	Face to Face	PP	2 Hrs
3.	53241103	DC	Advanced Treatment Process – I (Waste Water Engineering)	20	20	30	30	1	-	100	2	1	1	3	Face to Face	PP	2 Hrs
4.	532411XX	DE	Departmental Elective (DE-1)	20	20	30	30	-	-	100	3	-		3	Face to Face	PP	2 Hrs
5.	53241104	SPC	Urban Water Infrastructure (SPC-1)	20	20	30	30	-	-	100	3	-		3	Face to Face	PP	2 Hrs
6.	53241105	DLC	Environmental Engineering Lab#	-	-	-	-	70	30	100	-	-	4	2	Experiential	SO	-
7.	53241106	SLP	Seminar/Presentation ^{\$}	-	-	-	-	70	30	100	-	-	4	2	Mentoring	SO	-
8.	NECXXXXX	NEC	Classified Novel Engaging Course (Activity Based Learning)	-	-	-	-	-	50	50	-	1	-	1	Interactive	SO	-
	Total				100	150	150	140	110	750	13	03	08	20	•	-	-

MCQ: Multiple Choice Question **PP:** Pen Paper **SO:** Submission + Oral

OB: Open Book

[§] Seminar/Presentation through SWAYAM / NPTEL (Registration in a course will be compulsory for students but assessment will be based on internal seminar presentation).

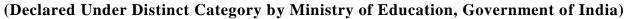
		DE-1
S. No.	Course Code	Course Name
1.	53241107	Industrial Waste Management
2.	53241108	Hazardous Waste Management
3.	53241109	Environmental Auditing & Management System
4.	53241110	Maintenance Management

	Mode of Learning					Mode of Examination									
Theory Lab NEC						Theory	Lab	NEC	Total Credits						
Face to Face	Online	Mentoring	Experiential	Interactive	PP	MCQ	SO	SO	Credits						
15		2	2	1	15			4	1	20					
75%		10%	10%	5%	75%			20%	5%	Credits %					

[#] During lab, students have to perform practical/assignments/minor projects related to the courses of respective semester using recent technologies / languages / tools etc.



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Department of Civil Engineering Scheme of Evaluation

M. Tech. II Semester (Environmental Engineering) (for batch admitted in academic session 2024-25)

						Ma	aximum M	larks Allott	ed				Con	tact H	ours				
					Theory		***************************************	Practical		MOC	OCs		per week				Mode	Mode	Duration of
S. No	Course Code	Category Code	Course Name	Conti	Continuous Evaluation		Majan	Continuous Evaluation	- Major			Total Marks				Total Credits	of	of Major	Major Evaluation
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Major Evaluation	Lab Work & Sessional	Evaluation Evaluation	Assignment	Exam		L	T	P		· · · · · · · · · · · · · · · · · · ·	2 / uruurion	Evaluation
1.	53241201	DC	Air Pollution & Control	20	20	30	30	-	-	-	1	100	3		1	3	Face to Face	PP	2 Hrs
2.	53241202	DC	Advanced Treatment Process – II (Water Supply Engineering)	20	20	30	30	-	-	-	-	100	2	1	1	3	Face to Face	PP	2 Hrs
3.	53241203	DC	Environmental Impact Assessment	20	20	30	30	-	-	-	1	100	2	1	1	3	Face to Face	PP	2 Hrs
4.	532412XX	DE	Departmental Elective* (DE-2)	-	-	-	-	-	-	25	75	100	3	-	1	3	Online	MCQ	3 Hrs
5.	53241204	SPC	Emerging technologies for Environmental Management (SPC-2)	20	20	30	30	-	-	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
6.	53241205	DLC	Advanced Environmental Engineering Lab [#]	-	-	-	-	70	30	-	1	100	-	-	4	2	Experiential	SO	-
7.	53241206	SLP	Seminar/Presentation ^{\$}	-	-	-	-	70	30	-	-	100	-	-	4	2	Mentoring	SO	-
8.	NECXXXXX	NEC	Classified Novel Engaging Course (Activity Based Learning)	-	-	-	-	-	50	-	-	50	-	1	-	1	Interactive	SO	-
	Total				80	120	120	140	110	25	75	750	12	04	08	20	-	-	-

MCQ: Multiple Choice Question PP: Pen Paper SO: Submission + Oral

OB: Open Book

Seminar/Presentation through SWAYAM / NPTEL (Registration in a course will be compulsory for students but assessment will be based on internal seminar presentation).

	D	PE-2 * (through SWAYAM / NPTEL /MOOC)
S. No.	Course Code	Course Name
1.		
2.		
3.		

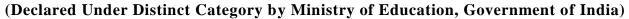
		Mode of Learning				Mode of Examination									
Theory Lab NEC						Theory		Lab	NEC	Total Credits					
Face to Face	Online	Mentoring	Experiential	Interactive	PP	MCQ	OB	SO	SO	Credits					
12	3	2	2	1	12	3		4	1	20					
60%	15%	10%	10%	5%	60%	15%		20%	5%	Credits %					

^{*}This course will run through SWAYAM / NPTEL /MOOC based learning platform (with credit transfer facility). The course can be related & relevant to other domain as well.

[#] During lab, students have to perform practical/assignments/minor projects related to the courses of respective semester using recent technologies / languages / tools etc.



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Department of Civil Engineering

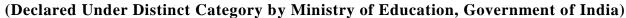
Scheme of Evaluation

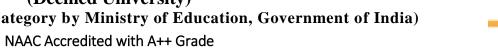
M. Tech. III Semester (Environmental Engineering) (for batch admitted in academic session 2024-25)

						Maximum 1	Marks Allot				Contact Hours		ours				
S. No.				Theory Block			Practical Block			per week		ek		Mode	Mode	Duration of	
	No. Course Code	Category Code		Cont	inuous Eva	luation	Major	Continuous Evaluation	Major	Total Marks				Total Credits	of	of Major Evaluation	Major
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Evaluation	Lab Work & Sessional	Evaluation		L	T	P				
1	1. 53242101		Preliminary Dissertation (Literature Review/ Problem Foundation/ Synopsis/ survey paper, etc.)	-	-	-	-	175	75	250	-	-	28	14	Interactive	SO	-
			Total	-	-	-	-	175	75	250	-	-	28	14	-	-	-



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Department of Civil Engineering

Scheme of Evaluation

M. Tech. IV Semester (Environmental Engineering) (for batch admitted in academic session 2024-25)

S. No			Course Name		Maximum Marks Allotted						Co	Contact Hours					
				Theory Block			Practical Block			per week		ek		Mode	Mode	Duration of	
	Course Code	Category Code		Cont	Continuous Evaluation			Continuous Evaluation	Major	Total Marks				Total Credits	of	of Major Evaluation	Major
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Major Evaluation	Lab Work & Sessional	Evaluation		L	T	P				
1.	53242201	DLC	Dissertation	-	-	-	-	350	150	500	-	-	32	16	Interactive	SO	-
		Total			-	-	-	350	150	500	-	-	32	16	-	-	-