



FACULTY OF ENGINEERING AND TECHNOLOGY

Department of Civil Engineering

Teaching Scheme Session 2022 Onwards

Program Name: Bachelor of Technology

Course: B.Tech. in Civil Engineering

YEAR/SEMESTER: I/I

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE100101	Engineering Mathematics-I	4
2	EE100102	Engineering Chemistry	3
3	EE100103	Communication Skills	3
4	EE100104	Programming for Problem Solving	3
5	EE100105	Basic Civil Engineering	4
Practical Papers			
1	EE100121	Engineering Chemistry Lab	1
2	EE100122	Language Lab	1
3	EE100123	Computer Programming Lab	1
4	EE100124	Basic Civil Engineering Lab	1
5	EE100125	Computer Aided Engineering Graphics	2
6	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



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YEAR/SEMESTER: I/II

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE100201	Engineering Mathematics-II	4
2	EE100202	Engineering Physics	3
3	EE100203	Human Values	3
4	EE100204	Basic Mechanical Engineering	4
5	EE100205	Basic Electrical Engineering	4
Practical Papers			
1	EE100221	Engineering Physics Lab	1
2	EE100222	Human Values Activities	1
3	EE100223	Manufacturing Practices Workshop	1
4	EE100224	Basic Electrical Engineering Lab	1
5	EE100225	Computer Aided Machine Drawing	1
6	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



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S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE102301	Advanced Engineering Mathematics	4
2	EE102303	Engineering Mechanics	3
3	EE102304	Surveying	3
4	EE102305	Fluid Mechanics	4
5	EE102306	Building Materials and Construction	3
6	EE102307	Engineering Geology	2
7	CA101351	Fundamentals of Computer Application - I	1
8	HA101351	Professional English - I	2
Practical Papers			
1	EE102321	Surveying Lab	1
2	EE102322	Fluid Mechanics Lab	1
3	EE102323	Computer Aided Civil Engineering Drawing	1
4	EE102324	Civil Engineering Materials Lab	1
5	EE102325	Geology Lab	1
6	EE102326	Industrial Training	1
7	CA101371	Fundamentals of Computer Application - I	1
8	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



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S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE102401	Advanced Engineering Mathematics - II	4
2	EE102402	Managerial Economics and Financial Accounting	2
3	EE102403	Basic Electronics For Civil Engineering Applications	2
4	EE102404	Strength of Materials	4
5	EE102405	Hydraulics Engineering	3
6	EE102406	Building Planning	2
7	EE102407	Concrete Technology	3
8	HA101451	Professional English - II	2
9	CA101451	Fundamentals of Computer Application - II	1
Practical Papers			
1	EE102421	Material Testing Lab	1
2	EE102422	Hydraulics Engineering Lab	1
3	EE102423	Building Drawing	1
4	EE102424	Advanced Surveying Lab	1
5	EE102425	Concrete Lab	1
6	CA101471	Fundamentals of Computer Application - II	1
7	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



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YEAR/SEMESTER: III/V

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE102501	Construction Technology & Equipment's	2
2	EE102502	Structural Analysis-I	3
3	EE102503	Design of Concrete Structures	4
4	EE102504	Geotechnical Engineering	3
5	EE102505	Water Resource Engineering	2
6	EE102506	Air & Noise Pollution and Control	2
7	EE102507	Repair and Rehabilitation of Structures	2
8	HA101551	Professional English - III	2
9	CA101551	Fundamentals of Computer Application - III	1
		Practical Papers	
1	EE102521	Concrete Structures Design	2
2	EE102522	Geotechnical Engineering Lab	1
3	EE102523	Water Resource Engineering Design	2
4	EE102524	Industrial Training	2
5	CA101571	Fundamentals of Computer Application - III	1
6	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



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YEAR/SEMESTER: III/VI

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE102601	Wind & Seismic Analysis	2
2	EE102602	Structural Analysis-II	4
3	EE102603	Environmental Engineering	3
4	EE102604	Design of Steel Structures	4
5	EE102605	Estimating & Costing	2
6	EE102606	Solid and Hazardous Waste Management	2
7	EE102607	Geographic Information System & Remote Sensing	2
8	HA101651	Professional English - IV	2
9	CA101651	Fundamentals of Computer Application - IV	1
Practical Papers			
1	EE102621	Environmental Engineering Design Lab	1
2	EE102622	Steel Structure Design	2
3	EE102623	Quantity Surveying and Valuation	1
4	EE102624	Water and Earth Retaining Structures Design	1
5	EE102625	Foundation Design	1
6	CA101671	Fundamentals of Computer Application-IV	1
7	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



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YEAR/SEMESTER: IV/VII

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE102701	Transportation Engineering	3
2	EE102702	Environmental Engineering and Disaster Management	3
Practical Papers			
1	EE102721	Road Material Testing Lab	1
2	EE102722	Professional Practices & Field Engineering Lab	1
3	EE102723	Soft Skills Lab	1
4	EE102724	Environmental Monitoring and Design Lab	1
5	EE102725	Practical Training	2
6	EE102726	Seminar	2
7	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



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YEAR/SEMESTER: IV/VIII

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE102801	Project Planning and Construction Management	3
2	EE102802	Disaster Management	3
Practical Papers			
1	EE102821	Project Planning & Construction Management Lab	1
2	EE102822	Pavement Design	1
3	EE102823	Project	7
4	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1