

Graduates Engineers (Civil)

Sl. No.	Semester	Syllabus	Weightage
1	Semester-1	Maths	1
2	Semester-2	Elements of Civil Engineer	2
3	Semester-3	Strength of Materials	8
		Fluids Mechanics	2
		Basic Surveying	2
		Engineering Geology	1
		Building Materials and Construction	2
	Semester-4	Analysis of Determinate Structures	4
		Applied Hydraulics	1
		Concrete Technology	5
		Basic Geotechnical Engineering	2
		Advanced Surveying	1
	Semester-5	Design of RC Structural Elements	5
		Analysis of Indeterminate Structures	5
		Applied Geotechnical Engineering	1
		Computer Aided Building Planning and Drawing	0
		Air Pollution and Control	2
		Railways, Harbour, Tunneling and Airports	1
		Theory of Elasticity	1
		Traffic Engineering	1
		Occupational Health and Safety	1
	Semester-6	Management & Entrepreneurship	0
		Design & Drawing of RC Structures	0
		Transportation Engineering II	1
		Geotechnical Engineering II	3
		Hydraulic Structures & Irrigation Drawing	0
		Theory of Elasticity	0
		Alternative Building Materials and Technologies	1
		Ground Improvement Techniques	1
		Advanced Surveying	1
		Ground Water Hydrology	0
		Solid Waste Management	0
		Traffic Engineering	0
	Semester-7	Municipal and Industrial Waste Water Engineering	1
		Design of RCC and Steel Structures	8
		Hydrology and Irrigation Engineering	1
		Design of Bridges	1
		Ground Water & Hydraulics	1
		Design Concept of Building Services	5
		Structural Dynamics	5
		Urban Transportation and Planning	1
		Prefabricated Structures	1
		Rehabilitation and Retrofitting of Structures	1

	Reinforced Earth Structures	0
Semester-8	Quantity Surveying and Contracts Management	4
	Design of Pre Stressed Concrete Elements	5
	Earth Quake Structures	2
	Hydraulic Structures	2
	Pavement Design	1
	Advanced Foundation Design	8