

List of all Electives Semester and Year wise

Second Year 2024 Pattern (NEP 2020)

Semester-III	Semester-IV
Open Elective – I 1. Financial Accounting, 2. Digital Finance and 3. Digital Marketing	Open Elective – II 1. Project Management, 2. Business Analytical and 3. Financial Management

Third Year 2024 Pattern (NEP 2020)

Semester-V	Semester-VI
Programme Elective 1. Advanced Concrete Technology 2. Open Channel & Fluid Machinery 3. AI Applications in Civil Engineering 4. Climate Change & Sustainability Open Elective 1. Human Resource Management 2. Construction Laws & Contracts 3. Environmental Law	Programme Elective-I 1. Advanced Concrete Technology 2. Open Channel & Fluid Machinery 3. AI Applications in Civil Engineering 4. Climate Change & Sustainability Programme Elective-II 1. Soft Computing Techniques 2. Solid Waste Management 3. Advanced Structural Analysis 4. Plumbing Engineering

Final Year 2019 Pattern

Semester-VII	Semester-VIII
Elective-III 1. Coastal Engineering 2. Advanced Design of Concrete Structures 3. Integrated Water Resources Planning & Management 4. Finite Element Method 5. Data Analytics 6. Operation Research Elective-IV 1. Air Pollution and Control 2. Advanced Design of Steel Structures 3. Statistical Analysis and Computational Method 4. Airport and Bridge Engineering 5. Design of Prestressed Concrete Structures 6. Formwork and Plumbing Engineering	Elective-V 1. Earthquake Engineering 2. Structural Design of Bridges 3. Irrigation and Drainage 4. Design of Precast and Composite Structures 5. Hydropower Engineering 6. Structural Audit and Retrofitting of Structures Elective-VI 1. TQM and MIS 2. Advanced Transportation Engineering 3. Geo Synthetic Engineering 4. Structural Design of Foundations 5. Green Structures and Smart Cities 6. Rural Water Supply and Sanitation