

CIVIL ENGINEERING

Compulsory Subjects

I C 402 Engineering Management
CV 403 Civil Engineering Materials and Construction Practices
CV 404 Geotechnical and Foundation Engineering
CV 405 Water Resources Systems
CV 406 Principles of Geoinformatics
CV 407 Analysis and Design of Structures



Optional Subjects

(Any three from any one group)

Group I Structural Engineering

CV 411 Advanced Structural Analysis
CV 412 Design of RCC and Prestressed Concrete Structures
CV 413 Design of Steel Structures
CV 414 Structural Dynamics
CV 415 Seismic Design of Structures

Group II Environmental Engineering

CV 421 Principles of Environmental Engineering
CV 422 Environmental Engineering—Processes and Management
CV 423 Air Pollution and Its Control
CV 424 Design of Water and Wastewater Treatment Systems
CV 425 Waste Management and Environmental Impact Assessment

Group III Infrastructure of Urban Development

CV 431 Transportation Engineering
CV 432 Traffic & Transportation Systems
CV 433 Town Planning and Urban Development
CV 434 Design of Water and Wastewater Treatment Systems
CV 435 Construction Management Systems



Project Work

and

Laboratory Experiments

[10 (ten) experiments are to be undertaken from the prescribed list]