

| | | | | MINOR PROGRAMME FOR CIVIL ENGINEERING DEPARTMENT | | | | | | | |
|-------|--------|------------|--------------------------------------------------------------|--------------------------------------------------|------|-----|-----|----|----------------------|--------|--------|
| Sem. | Credit | Code | Course | CENG | SENG | ECE | EEE | IE | ME | MSE | MECE |
| 3 | 3 | CE 221 | Eng. Mech:Statics | | | | | | ME 203 | ME 251 | ME 203 |
| 4 | 4 | CE 242 | Materials of Construction | | | | | | | | |
| 4 | 4 | CE 224 | Mechanics of Materials | | | | | | ME 202 (Credit:3) | | ME 202 |
| 4 | 4 | CE 270 | Fluid Mechanics | | | | | | ME 303 (Credit:3) | | |
| 5 | 4 | CE 381 | Structural Analysis | | | | | | | | |
| 5 | 4 | CE 361 | Geotechnical Engineering | | | | | | | | |
| 6 | 3 | CE 382 | Reinforced Concrete Structures | | | | | | | | |
| 6 | 3 | CE 352 | Transportation Engineering | | | | | | | | |
| 7 | 4 | CE 415 | Civil Engineering Design I | | | | | | | | |
| 7 | 3 | CE 481 | Steel Structures | | | | | | | | |
| 7 | 3 | Elective* | Any one of the CE Technical Elective Courses of 7th semester | | | | | | | | |
| 8 | 3 | Elective** | Any one of the CE Technical Elective Courses of 8th semester | | | | | | | | |
| T.Cr. | 42 | | Total Credit: | 42 | 42 | 42 | 42 | 42 | 31 | 39 | 35 |

Total: 12 courses

Important Note: Empty cells represent courses which must be taken.

CE TECHNICAL ELECTIVE COURSES

| | | |
|-----|--------|--------------------------------------------------------------|
| *: | CE 441 | Cement Based Materials |
| | CE 451 | Traffic Engineering and Management |
| | CE 453 | Urban Transport |
| | CE 465 | Slope Stability in Soils |
| | CE 471 | Applied Hydraulics |
| | CE 473 | Water Supply and Waste Water |
| | CE 485 | Introduction to Structural Dynamics |
| **: | CE 426 | Finite Elements in Structural Mechanics |
| | CE 444 | Materials for Infrastructural Applications |
| | CE 448 | Special Topics in Civil Engineering (Construction Materials) |
| | CE 454 | Highway Material and Mix Design |
| | CE 456 | Special Topics in Civil Engineering (Transportation) |
| | CE 464 | Special Topics in Civil Engineering (Geotechnic) |
| | CE 466 | Introduction to Rock Mechanics |
| | CE 468 | Introduction to Ground Improvement Techniques |
| | CE 472 | Sediment Transport and Scour |
| | CE 474 | Hydropower Plants |
| | CE 476 | Special Topics in Civil Engineering (Hydraulics) |
| | CE 484 | Pre-Stressed Concrete Fundamentals |
| | CE 482 | Design of Tall Buildings |
| | CE 486 | Earthquake Resistant Design of Building Structures |
| | CE 488 | Special Topics in Civil Engineering (Structure) |