

| Semester | Sr no | CourseCode | Course  | CourseCredit |
|----------|-------|------------|---|--------------|
| Sem-1    | 1     | MTCE 101   | Forensic Science and Law                            | 4            |
| Sem-1    | 2     | MTCE 102   | Advanced Methods of Structural Analysis             | 5            |
| Sem-1    | 3     | MTCE 103   | Advanced Design of Reinforced Concrete Structures   | 5            |
| Sem-1    | 4     | MTCE 104   | Structural Design Studio - I                        | 4            |
| Sem-1    | 5     | MTCE 105   | Construction Failures                               | 5            |
| Sem-1    | 6     | MTCE 106   | Structural Engineering Laboratory - I               | 3            |
| Sem-2    | 1     | MTCE 201   | Finite Element Analysis                             | 5            |
| Sem-2    | 2     | MTCE 202   | Advanced Design of Steel Structures                 | 5            |
| Sem-2    | 3     | MTCE 203   | Structural Design Studio - II                       | 4            |
| Sem-2    | 4     | MTCE 204   | Evaluation, Repair and Rehabilitation of Structures | 5            |
| Sem-2    | 5     | MTCE 205   | Elective - I  | 4            |
| Sem-2    | 6     | MTCE 206   | Structural Engineering Laboratory - II              | 3            |
| Sem-3    | 1     | MTCE 301   | Prevention and Resolution of Construction Disputes  | 5            |
| Sem-3    | 2     | MTCE 302   | Earthquake Engineering                              | 5            |
| Sem-3    | 3     | MTCE 303   | Forensic Structural Engineering Studio              | 4            |
| Sem-3    | 4     | MTCE 304   | Elective - II                                       | 4            |
| Sem-3    | 5     | MTCE 305   | Major Project - I                                   | 4            |
| Sem-4    | 1     | MTCE 401   | Major Project - II                                  | 20           |