**Civil Engineering**

**4thSemester**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day/Time** | **09-10** | **10 – 11** | **11 - 12** | **12 –01** | **01 – 02** | **02– 03** | **03 – 04** | **04 – 05** | | |
| MON |  | CE-209  MB | MH-206  BI-21 | CE-210  JT | LUNCH | CE-214  MM | | | | |
| TUE |  | CE-210  JT | CE-209  MB | MH-206  BI-21 | CE-215  HMK / MB | | |  | |
| WED |  | CE-211  JK | MH-206  BI-21 | CE-212  HMK | CE-213  JT | | | | |
| THU |  |  | CE-210  JT | CE-211  JK |  | CE-212  HMK | | |  |
| FRI |  | CE-209  MB | CE-211  JK | CE-212  HMK | CE-216  JK | | | |  |

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| **Subject Code** | **Subject** | **Course Co-ordinator** | **P** | **T** | **L** | **Credit** |
| MH-206 | Entrepreneurship |  | 0 | 0 | 3 | 3 |
| CE-209 | Fluid Mechanics-II | Dr. M Berlin (MB) | 0 | 1 | 2 | 3 |
| CE-210 | Surveying-II | Dr.JumrikTaipodia (JT) | 0 | 1 | 2 | 3 |
| CE-211 | Transportation Engineering-I | Dr. Jayakesh K (JK) | 0 | 1 | 2 | 3 |
| CE-212 | Structural Analysis-I | Dr. Haridharan M K (HMK) | 0 | 1 | 2 | 3 |
| CE-213 | Surveying laboratory II | Dr.JumrikTaipodia (JT) | 3 | 0 | 0 | 1.5 |
| CE-214 | Civil Engineering Drawing | Dr.MainakMallik (MM)/Mr.Arup | 3 | 0 | 0 | 1.5 |
| CE-215 | Structural Engineering laboratory | Dr. Haridharan M K (HMK)/Dr. M Berlin (MB)/Mr.SaurabhDubey | 2 | 0 | 0 | 1 |
| CE-216 | Transportation Engineering Laboratory-I | Dr. Jayakesh K (JK) /Ms.RadhaPalpi Baruah | 2 | 0 | 0 | 1 |
|  |  |  | **10** | **4** | **11** | **20** |

**Civil Engineering**

**6thSemester**

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| **Day/Time** | **09-10** | **10 – 11** | **11 - 12** | **12 –01** | **01 – 02** | **02– 03** | **03 – 04** | **04 – 05** |
| MON |  | CE-310  MM | CE-312  PKM | CE-315  MB | **LUNCH** |  |  |  |
| TUE | CE-315  MB | CE-313  NR | CE-314  PKM | CE-311  JT | CE-316  NR | |  |
| WED | CE-311  JT | CE-314  PKM | CE-315  MB | CE-310  MM |  |  |  |
| THU |  | CE-312  PKM | CE-310  MM | CE-313  NR | CE-317  JT | |  |
| FRI | CE-314  PKM | CE-313  NR | CE-311  JT | CE-312  PKM |  |  |  |

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| **Subject Code** | **Subject** | **Course Coordinator** | **P** | **T** | **L** | **Credit** |
| CE-310 | Design of RCC Structures-II | Dr.MainakMallik (MM) | 0 | 0 | 3 | 3 |
| CE-311 | Geotechnical Engineering-II | Dr.JumrikTaipodia (JT) | 0 | 1 | 2 | 3 |
| CE-312 | Structural Analysis-II | Dr. Pulak Kumar Munshi (PKM) | 0 | 0 | 3 | 3 |
| CE-313 | Environmental Engineering-I | Dr.Nabam Rich (NR) | 0 | 0 | 3 | 3 |
| CE-314 | Design of Steel Structures-I | Dr. Pulak Kumar Munshi (PKM) | 0 | 1 | 2 | 3 |
| CE-315 | Irrigation and Hydraulic Structures | Dr. M Berlin (MB) | 0 | 0 | 3 | 3 |
| CE-316 | Environmental Engineering Laboratory I | Dr.Nabam Rich (NR) /Mr. Dhiru | 2 | 0 | 0 | 1 |
| CE-317 | Geotechnical Engineering Laboratory II | Dr.JumrikTaipodia(JT) /  Mr.AdityaKumar Anshu | 2 | 0 | 0 | 1 |
|  |  |  | **4** | **2** | **16** | **20** |

**Civil Engineering**

**8th Semester**

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| **Day/Time** | **09-10** | **10 – 11** | **11 - 12** | **12 –01** | **01 – 02** | | **02– 03** | **03 – 04** | **04 – 05** |
| MON |  |  |  | CE 403X  MM |  | CE-498 | | | |
| TUE |  | CE 403X  MM |  | CE 404X  MM | CE-498 | | | |
| WED |  | CE 404X  MM |  |  | CE-498 | | | |
| THU | CE-498 | | | | CE-498 | | | |
| FRI |  | CE 403X  MM |  | CE 404X  MM | CE-498 | | | |

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| **Subject Code** | **Subject** | **Course Coordinator** | **P** | **T** | **L** | **Credit** |
| CE 403X | Elective II(NPTEL/SWAYAM/MOOC) | Dr. Mainak Mallik (MM) | 0 | 0 | 3 | 3 |
| CE-404X | Elective III (NPTEL/SWAYAM/MOOC) | Dr. Mainak Mallik (MM) | 0 | 0 | 3 | 3 |
| CE-498 | Project & Dissertation |  | 20 | 0 | 0 | 10 |
|  |  |  | **20** |  | **6** | **16** |

**List of subjects for Elective II & Elective III**

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| Sl No. | Name of the subject | Duration | Start Date | End Date |
| 1. | Maintenance and Repair of Concrete Structures | 12 weeks | January 23, 2023 | April 14, 2023 |
| 2. | Structural Dynamics | 12 weeks | January 23, 2023 | April 14, 2023 |
| 3. | Earthquake Resistant Design of Foundations | 12 weeks | January 23, 2023 | April 14, 2023 |
| 4. | Basic construction materials | 12 weeks | January 23, 2023 | April 14, 2023 |
| 5. | Characterization of Construction Materials | 12 weeks | January 23, 2023 | April 14, 2023 |
| 6. | Vibration of Continuous Systems | 12 weeks | January 23, 2023 | April 14, 2023 |
| 7. | Introduction to Lean Construction (Module 1 - Lean Basics) | 12 weeks | January 23, 2023 | April 14, 2023 |
| 8. | Structural Analysis-I | 12 weeks | January 23, 2023 | April 14, 2023 |
| 9. | Retrofitting and Rehabilitation of Civil Infrastructure | 12 weeks | January 23, 2023 | April 14, 2023 |

Date of enrolment will start from 14.11.22