



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi
Proposed list of MOOCs (NPTEL July-Dec 2021 Timeline) for B.E Degree Honours

Format for submission of Bouquet of MOOCs Courses

Table 1. List of certifiable courses approved for earning the extra credits under type

Name of the Board **CIVIL ENGINEERING**

| Sl. No. | Name of the Subject & Subject Matter Expert(SME) | Duration in Weeks | Start Date | End Date | Exam Dates | Enrolment End Date |
|---------|--|-------------------|---------------|--------------------|--------------------|--------------------|
| 1 | Sustainable Engineering Concepts and Life Cycle Analysis Prof. Brajesh Kumar Dubey | 8 | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 2 | Water Economics and Governance Prof. Manoj Kumar Tiwari | 12 | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 3 | Structural Reliability Prof. Baidurya Bhattacharya | 12 | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 4 | Optimization methods for Civil engineering Prof. Rajib Kumar Bhattacharjya | 12 | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 5 | Photogeology in Terrain Evaluation (Part 1 And 2) Prof. Javed N. Malik | 8 | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 6 | Introduction to Multimodal Urban Transportation Systems (MUTS) Prof. Arkopal Kishore Goswami | 12 | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 7 | Earthquake Resistant Design of Foundations Prof. B. K. Maheshwari | 8 | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 8 | Sustainable Transportation systems Prof. Bhola Ram Gurjar | 12 | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 9 | Global Navigation Satellite Systems And Applications Prof. Arun K. Saraf | 4 | July 26, 2021 | August 20, 2021 | September 26, 2021 | August 02, 2021 |



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|----|--|----|-----------------|--------------------|--------------------|-----------------|
| 10 | Data Base Management System Prof. Partha Pratim Das Prof. Samiran Chattopadhyay | 8 | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 11 | Introduction to internet of things Prof. Sudip Misra | 12 | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 12 | Introduction to Machine Learning - IITM Prof. Balaraman Ravindran | 12 | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 13 | Developing Soft Skills and Personality Prof. T. Ravichandran | 8 | August 23, 2021 | October 15, 2021 | October 24, 2021 | August 23, 2021 |
| 14 | Patent Law for Engineers and Scientists Prof. Feroz Ali | 12 | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 15 | Decision-Making Under Uncertainty Prof. N. Gautam | 4 | August 23, 2021 | September 17, 2021 | October 24, 2021 | August 23, 2021 |
| 16 | Stress Management Prof. Rajlakshmi Guha | 4 | July 26, 2021 | August 20, 2021 | September 26, 2021 | August 02, 2021 |
| 17 | Fundamentals Of Artificial Intelligence Prof. Shyamanta M. Hazarika | 12 | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 18 | Dynamics of Ocean Structures Prof. Srinivasan Chandrasekaran | 12 | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 19 | Computer Methods Of Structural Analysis Of Offshore Structures Prof. Srinivasan Chandrasekaran | 12 | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |