

# Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to R.T.M. Nagpur University)

01.07.2024

## ESE Even Resit 2023-24

### End Semester Theory Examination : M Tech Semester 2 SOE 23 \_\_ \_\_ 101

Programme /Date	29/07/2024	30/07/2024	31/07/2024	01/08/2024	02/08/2024	03/08/2024
Shift Time	Shift -I	Shift -I	Shift -I	Shift -I	Shift -I	Shift -I
<b>M.Tech. -Sem -II Structural Engineering (SOE_23STR-101)</b>	23STR201: Finite Element Method	23STR203: Prestressed Concrete	23STR204: Advanced Steel Structures	23STR211: PE I : New Engineering Materials; 23STR212: PE I : Theory of Plates & Shells; 23STR213: PE I : Smart Structures & Applications	23STR231: PE II : RC Tall Buildings; 23STR232: PE II : Composite Structures; 23STR233: PE II : RC Bridge Design	23STR241: PE III : Plastic Analysis & Design of Steel Structures; 23STR242: PE III : Seismic Analysis & Design of Structures; 23STR243: PE III : Design of Industrial Structures
<b>M.Tech. -Sem -II Environmental Engineering (SOE_23ENV-101)</b>	23ENV201: Industrial Waste Water Treatment & Reuse	23ENV202: Environmental Management	23ENV203: Air Quality Management	23ENV204: Rural Water Supply and Sanitation	23ENV211: PE I : Hazardous Waste Management ; 23ENV212: PE I : Water Resource Management; 23ENV213: PE I : Environmental Biotechnology; 23ENV214: PE I : Advanced Water Treatment	23ENV231: PE II : Environmental Legislations; 23ENV232: PE II : Applied Structure; 23ENV233: PE II : Water Reuse and Recycling
<b>M.Tech -Sem -II Automation &amp; Robotics (SOE_23AR-101)</b>	23AR201: Robotics: Advanced Concepts and Analysis	23AR203: Mechatronics System: Design And Analysis	23AR205: Aerial Robotics	23AR211: PE III : Artificial Intelligence in Automation; 23AR212: PE III :Modeling and Simulation of Mechatronic systems; 23AR213: PE III :Advanced Manufacturing Techniques and Applications	23AR221: PE IV :Industrial IOT; 23AR222: PE IV :Additive Manufacturing; 23AR223: PE IV :Product Design and Development	
<b>M.Tech -Sem -II Integrated Power Systems (IPS) (SOE_23IPS-101)</b>	23IPS201: Power System planning	23IPS202: Application of Power Electronics to Power System	23IPS203: Power Quality	23IPS211: PE II: Advanced Digital Signal Processing; 23IPS212: PE II: EHV Power Transmission; 23IPS213: PE II: Restructuring of Power System; 23IPS214: PE II: Wide Area Monitoring and Control; 23IPS215: PE II: Microgrid	23IPS231: PE III : Power System Stability; 23IPS232: PE III : Electrical Distribution Systems; 23IPS233: PE III : Power System Operation and Control; 23IPS234: PE III : Transients in Power Systems; 23IPS235: PE III : Solar System Design	23IPS241: PE IV: Distributed Automation; 23IPS242: PE IV: Power Electronics for Renewable Energy Systems; 23IPS243: PE IV: Control System Design
<b>M.Tech -Sem -II Electronics &amp; Communication (VLSI Design) (SOE_23VD-101)</b>	23VD201: RF Circuit design	23VD202: Analog IC Design	23VD203: System Verilog for Verification	23VD211: PE I: Low Power CMOS VLSI Design; 23VD212: PE I: ASIC Design	23VD221: PE II: Verification & Testing of VLSI Circuit; 23VD222: PE II: Mixed Signal VLSI Design	23VD231: PE III: MEMS Design and Fabrication; 23VD232: PE III: Nano Scale MOS Transistors
<b>M. Tech. -Sem -II Communication Engineering (SOE_23COM-101)</b>	23COM201: Antenna Design	23COM203: VLSI Signal Processing	23COM204: Digital Image and Video processing	23COM206: Wireless Communication Network	23COM211: PE III: Millimeter wave communication; 23COM212: PE III: Real Time Operating System	23COM231: PE IV: Selected Topics in Communication Systems; 23COM232: PE IV: Micro Electro Mechanical Systems
<b>M.Tech -Sem -II Data Science (SOE_23DS-101)</b>	23DS201: Fundamentals of Machine Learning and Deep Learning	23DS203: Big Data Analytics	23DS205: Data Modeling		23DS221: PE IV: Text Analytics ; 23DS222: PE IV: Information Retrieval and Recommendation; 23DS223: PE IV: Non Classical Optimization	23DS211: PE III: Computer Vision; 23DS212: PE III: Cloud Fundamentals for Data Science; 23DS213: PE III: Social Network Analysis