

QEEE: JAN – APRIL 2017 COURSES OFFERED

TOPICS:

- 1) **Air Pollution Control Engineering - Environmental Engineering.**
Prof. Shiv Nagendra – IITM.
- 2) **Basic Machine Tools and Metal Cutting Principles - Manufacturing Process.**
Prof. Ajay Kumar Chattopadhyay – IITKGP.
- 3) **Connections - Design of Steel Structures**
Prof. S R Satish Kumar – IITM.
- 4) **Convection Heat Transfer and Fluid Dynamics Fundamentals - Convection Heat Transfer.**
Prof. S.R. Kale – IITD.
- 5) **Design of Reinforced Concrete Beams - Design of concrete structures.**
Prof. Amit Shaw – IITKGP.
- 6) **Differential Amplifiers - Analog Electronic Circuits.**
Prof. Hitesh Shrimali – IITMandi.
- 7) **Digital System Design - Digital Electronics.**
Prof. Venkatesh TG – IITM.
- 8) **Durability of Concrete - Concrete Technology.**
Prof. Radhakrishna Gpillai – IITM.
- 9) **Electrochemistry and its Applications - Engineering Chemistry.**
Prof. Kothandaraman R. – IITM.
- 10) **Frequency Domain Representation of Continuous Time Signals - Signal and Systems.**
Prof. Arun Pachai Kannu – IITM.
- 11) **Fundamentals of Laplace Transform - Engineering Mathematics.**
Prof. Gopal Srinivasan – IITB.
- 12) **Gears and Gear Trains - Kinematics of Machines.**
Prof. Abhijit Sarkar – IITM.
- 13) **Gradient Divergence and Curl - Engineering Physics.**
Prof. Vijayan C. – IITM.

- 14) **Highway Geometric Design - Transportation Engineering.**
Prof. Avijit Maji – IITB.
- 15) **Industry Bridge by CII**
IITM CII - IIT Madras
- 16) **Influence Line Diagram - Structural Analysis.**
Prof. Sushanta Chakrabo – IITM.
- 17) **Introduction to DSP Labs**
Prof. Ashok Jhunjhunwala - IITM.
- 18) **Inverters - Power Electronics.**
Prof. Amit Kumar Jain – IITD.
- 19) **Natural Convection, Boiling and Condensation - Convection Heat Transfer.**
Prof. S.R. Kale – IITD.
- 20) **Open Channel Flow - Hydraulics and Hydraulic Machinery.**
Prof. Anirban Dhar – IITKGP.
- 21) **Operator Overloading - Object Oriented Programming.**
Prof. Rupesh Nasre – IITM.
- 22) **Pointers - Programming in C and Data Structures.**
Prof. Supratim Biswas – IITB.
- 23) **Public Key Cryptography - Information Security and Cryptography.**
Prof. Chester Rebeiro – IITM.
- 24) **Routing Algorithms - Computer Network.**
Prof. Niloy Ganguly – IITKGP.
- 25) **Software Process and Management - Software Engineering.**
Prof. Rajib Mall – IITKGP.
- 26) **Solar DC**
Prof. Ashok Jhunjhunwala – IITM.
- 27) **Spectroscopy and Applications - Engineering Chemistry.**
Prof. Edamana Prasad – IITM.
- 28) **Stability Analysis - Control Systems.**
Prof. Tushar Jain – IITMandi.
- 29) **Transformer - Electrical Machines.**
Prof. Bhuvaneshwari G. – IITD.