

Amit Kumar Das 14 July 2017
Dean (academic)

NOTICE

The list of 7th Semester Open Elective- (OE II) courses offered in this session 2017-18 by different departments for their **own as well as non-departmental students** is shown below.

| Sl. No. | Name of the paper | Offered by | Subject Code | For Department(s) | Maximum No. of Students |
|---------|---|-------------------------------------|--------------|-----------------------------------|-------------------------|
| .1. | Finite element methods | Aerospace & Applied Mechanics Dept. | AE731/1 | All | 60 |
| 2. | Advanced theory of Vibration | | AE731/2 | All | 60 |
| 1. | Modeling and Simulation | Civil Engineering | CE731/1 | All | 30 (CE) + 30 (others) |
| 2. | Principles of Slope Stability Analysis | | CE731/2 | All | 30 (CE) + 30 (others) |
| 3. | Transportation in Logistics & Supply Chain Management | | CE731/3 | Not offered | |
| 4. | Environmental Management | | CE731/4 | All | 30 (CE) + 30 (others) |
| 1. | Management Information system | Computer Science | CS731/1 | Not offered | |
| 2. | Introduction to soft computing | | CS731/2 | All (except CS & IT) | 60 |
| 1. | Electricity Conservation & Environmental Management | Electrical Engineering | EE731/1 | All | 60 |
| 2. | Illumination Engineering | | EE731/2 | All | 60 |
| 1. | Satellite Communication | Electronics & Telecom | ET731/1 | CST/IT/ETC | 20 x3 |
| 2. | Active Network Analysis and Synthesis | | ET731/2 | ETC/CST/EE/IT | 4 x 15 |
| 1. | Digital Signal Processing | IT | IT731/1 | Not Offered | |
| 2. | Computational Geometry | | IT731/2 | All | 60 |
| 1. | Power Plant Engineering | Mechanical Engineering | ME731/1 | ME (30) EE (20) others (10) | 60 |
| 2. | Computational Fluid Dynamics | | ME731/2 | ME (30) AE &AM(20) CE (10) | 60 |
| 3. | Metal Forming | | ME731/3 | ME (30) Met(30) | 60 |

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|----|---|------------------|---------|------------|----|
| 1. | Selection of Engineering Materials | Metallurgy Dept. | MT731/1 | All | 60 |
| 1. | Safety and Ergonomics | Mining | MN731/1 | All | 40 |
| 2. | Fundamentals of Petroleum and Natural Gas Engineering | | MN731/2 | All | 40 |
| 1. | Engineering and Society | Humanities | HU731/1 | All | 60 |
| 2. | TQM and Business Process Re-Engineering | | HU731/2 | All | 60 |
| 1. | Operations Research | Mathematics | MA731/1 | All | 60 |
| 2. | Classical and Quantum Information Theory | | MA731/2 | CST and IT | 60 |

Note 1: Students are advised to contact the HODs of the departments offering a particular course **for enrollment on a first come first served basis**. A student under any circumstances **should not enroll himself/herself for more than one course.**

2. Maximum No. of students to be allowed shown in the last column. Due to space constraints it may be less for some of the subjects.

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