**Format for the Open Electives Dt. 29.01.2021**

**Name of the Department: Mechanical Engineering**

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| S.N. | Name of the course with course code | UG/PG | Open Elective I/ Open Elective II/ Open Elective III/ Open Elective IV | Credits |
|  | **UG** |  |  |  |
| 1 | Smart & New Materials -ME 292 | UG | Open Elective I | 3 |
| 2 | Motor Vehicle Acts- ME 293 | UG | Open Elective I | 3 |
| 3 | Renewable Energy Sources- ME 392  | UG | Open Elective II | 3 |
| 4 | Elements of Hydel & Thermal Power Plant -ME 393 | UG | Open Elective II | 3 |
| 5 | Elements of Nuclear & Diesel Power Plant -ME 391 | UG | Open Elective III | 3 |
| 6 | Industrial Robotics & Automation -ME 497 | UG | Open Elective IV | 3 |
| 7 | Mechatronics & its Applications -ME 489 | UG | Open Elective IV  | 3 |
|  | **PG** |  |  |  |
| 1 | Design Methodology- ME682 | PG | Open Elective I | 3 |
| 2 | Renewable Source of Energy- ME683 | PG  | Open Elective I | 3 |
| 3 | Energy Management & Auditing – ME684 | PG | Open Elective II | 3 |
| 4 | Industrial Robotics- ME685 | PG | Open Elective II | 3 |
| 5 | Reliability in Design-ME686 | PG | Open Elective II  | 3 |
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Professor& Head

Department of Mechanical Engineering

BIT, Mesra, Ranchi