

MECHANICAL ENGINEERING DEPARTMENT
JALPAIGURI GOVT. ENGINEERING COLLEGE

JANUARY 2025 - JUNE 2025

LOAD DISTRIBUTION FOR EVEN SEMESTER B.TECH & M.TECH (THEORY)

| Sl. No. | Subject Code | Name of Subject | Name of faculty | Contact hour |
|---------|----------------------------------|----------------------------------|-----------------|--------------|
| 1. | PC- ME401 | Applied Thermodynamics | AK | 3+1 |
| 2. | PC- ME402 | Fluid Mechanics & Fluid Machines | AM | 3+1 |
| 3. | PC- ME403 | Strength of Materials | SB | 3+1 |
| 4. | PC- ME404 | Manufacturing Processes | AP | 4+0 |
| 5. | PC- ME405 | Metrology and Instrumentation | TM | 3+1 |
| 6. | ES (ME) 401 (For EE students) | Thermal Power Engineering | PD | 3 |

| Sl. No. | Subject Code | Name of Subject | Name of faculty | Contact hour |
|---------|--------------|--|-----------------|--------------|
| 1. | PC-ME601 | Manufacturing Technology | AR, AP | 4 |
| 2. | PC-ME602 | Design of Machine Elements | GCC | 3+1 |
| 3. | PE-ME601A10 | Elective-I (Power Plant Engineering) | WA | 3 |
| 4. | PE-ME602A1 | Elective-II (Internal Combustion Engines and Gas Turbines) | NM, TM | 3 |
| 5. | HM-HU601 | Humanities II (OR) | SMU | 3 |
| 6. | MC601 | Constitution of India | SA (HU) | 0 |

| Sl. No. | Subject Code | Name of Subject | Name of faculty | Contact hour |
|---------|----------------------------------|-------------------------------------|-----------------|--------------|
| 1. | PE-ME 801 (Elective-V) | Automobile Engineering (A2) | DM | 3 |
| 2. | PE-ME 802 (Elective-VI) | Turbo Machinery (A5) | SDK | 3 |
| | | Composite Materials (B1) | SP | |
| 3. | OE-ME 801 (Open Elective-II) | Industrial Engineering (A) | GCC, WA | 3 |
| 4. | OE-ME 802 (Open Elective-III) | Non-conventional Energy Sources (I) | SM, SDK | 3 |

| Sl. No. | Subject Code | Name of Subject | Name of faculty | Contact hour |
|---------|-------------------------------|--|-----------------|--------------|
| 1. | PTM-201 | Automation in Manufacturing System & Process | SP, DM | 3 |
| 2. | PTM-202 | Non Traditional machining Processes | AR (Principal) | 3 |
| 3. | PTM-203 C (Elective – III) | Quality Assessment & Control | NM | 3 |
| 4. | PTM-204 B (Elective – IV) | Energy Management & Audit | SM | 3 |
| 5. | AUD -201 E | Constitution of India | SA(HU) | 2 |

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LOAD DISTRIBUTION FOR EVEN SEMESTER B.TECH & M.TECH (PRACTICAL)

| Sl. No. | Subject Code | Name of Subject | Group/Section | Name of faculty | Contact hour |
|---------|--------------|----------------------------------|---------------|-----------------|--------------|
| 1. | ES-ME 291 | Engineering Graphics & Design | ME | DM, SR | 1+4=5 |
| | | | ME | AK, RR | |
| | | | EE | RR, SP | |
| | | | EE | RR, TM | |
| | | | CE | SR, SDK | |
| | | | CE | SR, PD | |
| 2. | ES-ME 292 | Workshop/Manufacturing Practices | CSE,ECE, IT | WS | 1+4=5 |

| Sl. No. | Subject Code | Name of Subject | Name of faculty | Contact hour |
|---------|--------------|--|---------------------|--------------|
| 1. | PC-ME491 | Machine Drawing-II | (DM, GCC), (AM, WA) | 3+3 |
| 2. | PC-ME492 | Practice of Manufacturing Processes and Systems Laboratory | TM, AP / WORKSHOP | 3+3 |
| 3 | MC-ME481 | Environmental Science | Chemistry | 2 |

| Sl. No. | Subject Code | Name of Subject | Name of faculty | Contact hour |
|---------|--------------|---|---|--------------|
| 1. | PC-ME691 | Mechanical Engineering Laboratory II (Design) | CE and (SB, SP), (GCC, WA) | 3+3 |
| 2. | PW-ME681 | Project II | SMU, SM, SB, AK, NM, GCC, AM, SDK, SP, WA, TM, PD, DM, AP, RR, SR | 4 |

| Sl. No. | Subject Code | Name of Subject | Name of faculty | Contact hour |
|---------|--------------|-------------------------|--|--------------|
| 1. | PW-ME881 | Project-IV | SB, AK, NM, GCC, SDK, SP, WA, TM, PD, DM, AP | 10 |
| 2. | PW-ME882 | Comprehensive Viva-Voce | All Teachers | |

M.TECH

| Sl. No. | Subject Code | Name of Subject | Name of faculty | Contact hour |
|---------|--------------|--------------------------------------|-----------------|--------------|
| 1. | PTM-281 | Mini Project with Seminar | SMU, NM | 4 |
| 2. | PTM-291 | Manufacturing System & Process Lab. | AP, PD | 4 |
| 3. | PTM-292 | Simulation, Modelling & Analysis Lab | SDK, SP | 4 |

| Sl. No. | Subject Code | Name of Subject | Name of faculty | Contact hour |
|---------|--------------|-------------------------|-------------------------------|--------------|
| 1. | PTM-481 | Dissertation – Phase II | SM, AR(Principal), AK, NM, AM | 32 |