



**Department of Mechanical Engineering**  
**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI**  
**TIME TABLE**  
**SPRING / 2026**



w.e.f. : 08.01.2026

**Student TIME TABLE**

| Department:       | Mechanical                                           |                                    | Programm:                     | B.Tech            | Sec :A&B         | Branch:                   | Mechanical                                                                                                | Semester: IV               |                                    |                   |
|-------------------|------------------------------------------------------|------------------------------------|-------------------------------|-------------------|------------------|---------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------|-------------------|
| Days              |                                                      |                                    |                               |                   |                  | LUNCH - BREAK             | Period/Time/Subject/Room No.*                                                                             |                            |                                    |                   |
|                   | I<br>08:00-08.50                                     | II<br>09:00-09.50                  | III<br>10:00-10.50            | IV<br>11:00-11.50 | V<br>12:00-12.50 |                           | VI<br>13:30-14.20                                                                                         | VII<br>14:30-15.20         | VIII<br>15:30-16.20                | IX<br>16:30-17.20 |
| Monday            | OE-I                                                 | KDM(A)/207<br>MD(B)/216            | MD(A)/207<br>TECS(B)216       | TECS(A)/207       |                  |                           |                                                                                                           | KDM(B)/207                 | PE-I<br>CM/202,RER/207,NDT/<br>216 | PE-I<br>RER/207   |
| Tuesday           | PE-I<br>RER/207,<br>CM/216                           | MD(B)/207                          | MP Lab.(Sec-B)                |                   |                  |                           |                                                                                                           | TECS(A)/207<br>KDM(B)/216  | MD(A)/207<br>TECS(B)/216           | PE-I<br>NDT/202   |
|                   |                                                      |                                    | KDM(A)/207                    | BME Lab.(M1)      |                  |                           |                                                                                                           |                            |                                    |                   |
| Wednesday         | OE-I                                                 | PE-I<br>CM/202,NDT/216             | KDM(A)/207                    | MD(A)/207         |                  |                           | MD(B)216                                                                                                  | DOM Lab.(M2)               |                                    |                   |
|                   |                                                      |                                    |                               |                   |                  |                           |                                                                                                           | BME Lab.(M3)               |                                    |                   |
| Thursday          | MD(B)/216<br>KDM(A)/207                              | PE-I<br>CM/202,RER/207,N<br>DT/216 | MP Lab.(Sec-A) / DOM Lab.(M3) |                   |                  |                           |                                                                                                           | TECS(A)/207<br>TECS(B)/216 | MD(A)/207<br>KDM(B)/216            |                   |
| Friday            | OE-I                                                 | TECS(A)/216                        | DOM Lab.(M1)                  |                   |                  | HS24211 IKS (Online Mode) | NCC/NSS/PT&Games/CA/ES-235                                                                                |                            |                                    |                   |
|                   |                                                      | KDM(B)207                          | TECS(B)207                    | BME Lab.(M2)      |                  |                           |                                                                                                           |                            |                                    |                   |
| Course Code       | Course Title                                         |                                    |                               |                   |                  | Credit                    | Teacher                                                                                                   |                            |                                    |                   |
| ME24207           | Kinetics and Dynamics of Machines (KDM)              |                                    |                               |                   |                  | 4                         | (A)Dr.Anil Ch. Mahato, (B) Dr. Rajeev Kumar                                                               |                            |                                    |                   |
| ME24209           | Thermal Energy Conversion Systems (TECS)             |                                    |                               |                   |                  | 4                         | (A)Dr.D.P.Mishra, (B) Dr. S.K.Dhiman                                                                      |                            |                                    |                   |
| ME24211           | Machine Design (MD)                                  |                                    |                               |                   |                  | 4                         | (A)Dr.S.K.Mishra, (B) Dr. Abhijit Nag                                                                     |                            |                                    |                   |
|                   | Programme Elective -I (PE-I)                         |                                    |                               |                   |                  |                           |                                                                                                           |                            |                                    |                   |
| ME24215           | Composite Materials (CM)                             |                                    |                               |                   |                  | 4                         | Dr. Kaushik Kumar                                                                                         |                            |                                    |                   |
| ME24217           | Renewable Energy Resources (RER)                     |                                    |                               |                   |                  | 4                         | Dr.O.P.Pandey                                                                                             |                            |                                    |                   |
| ME24219           | Non-Destructive Testing (NDT)                        |                                    |                               |                   |                  | 4                         | Dr.A.Mukhopadhyay                                                                                         |                            |                                    |                   |
|                   | Open Elective -I (OE-I)                              |                                    |                               |                   |                  | 3                         |                                                                                                           |                            |                                    |                   |
|                   | Laboratories                                         |                                    |                               |                   |                  |                           |                                                                                                           |                            |                                    |                   |
| ME24208           | Basic Mechanical Engineering Lab. (BME Lab.)         |                                    |                               |                   |                  | 1                         | M1-Dr. S.K.Dhiman , Dr.F.Rahmani<br>M2-Dr.A.Nag , Dr.A.Mukhopadhyay<br>M3-Dr.P.Mahata, Dr.S.K.Mishra      |                            |                                    |                   |
| ME24210           | Dynamics of Machines Lab. (DOM Lab.)                 |                                    |                               |                   |                  | 1.5                       | M1-Dr.R.Maithi, Dr.P.J.Sanga<br>M2-Dr.A.K.Kadian , Dr.A.Chatopadhyay<br>M3-Dr. Rajeev Kumar , Dr.L.S.Brar |                            |                                    |                   |
| PE24298           | Manufacturing Processes Lab. (MP Lab.)               |                                    |                               |                   |                  | 1.5                       | A-Dr.Binay Kumar & Dr. Randhir Kumar , B - Dr. J.Ghose & Dr. B.Acherjee                                   |                            |                                    |                   |
| MC205/206/207/208 | NCC/NSS/PT&Games Creative Arts (CA)/Entrepreneurship |                                    |                               |                   |                  | 1                         | Dr.O.P.Pandey , Dr.A.Nag                                                                                  |                            |                                    |                   |
|                   |                                                      | Total Credit                       |                               |                   |                  | 24                        |                                                                                                           |                            |                                    |                   |

*Prem Prakash*  
 (Prem Prakash)  
 Co-ordinator  
 Central Time Table, BIT Mesra

*Nirmal Kumar*  
 06/01/26  
 Dr. Nirmal Kumar  
 Department Time Table Coordinator

*HoD*  
 HoD

*Dr. Gautam Sarkhel*  
 7/1/26  
 (Dr. Gautam Sarkhel)  
 Dean (UG Studies)



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| Department: | Mechanical                                                   |             | Programm:                             | B.Tech                  | Sec :A&B                    | Branch:       | Mechanical                                                                                                         | Semester: VI                 |             |             |
|-------------|--------------------------------------------------------------|-------------|---------------------------------------|-------------------------|-----------------------------|---------------|--------------------------------------------------------------------------------------------------------------------|------------------------------|-------------|-------------|
| Days        | Period/Time/Subject/Room No.*                                |             |                                       |                         |                             |               |                                                                                                                    |                              |             |             |
|             | I                                                            | II          | III                                   | IV                      | V                           | LUNCH - BREAK | VI                                                                                                                 | VII                          | VIII        | IX          |
|             | 08:00-08.50                                                  | 09:00-09.50 | 10:00-10.50                           | 11:00-11.50             | 12:00-12.50                 |               | 13:30-14.20                                                                                                        | 14:30-15.20                  | 15:30-16.20 | 16:30-17.20 |
| Monday      |                                                              | AE(B)/202   | CAD(B)/202                            | CAD(B)/202<br>AE(A)/216 | CAD(A)/216                  |               |                                                                                                                    |                              |             |             |
| Tuesday     | OE-III                                                       | AE(A)/216   | PE-IV<br>SELAM/234,PPE/<br>216,GD/202 | RE(A)/216<br>AE(B)/202  | PE-V<br>HPC/202,PGT/<br>216 |               |                                                                                                                    | R&A Lab.(M1) / A.E Lab. (M3) |             |             |
| Wednesday   |                                                              |             | PE-IV<br>SELAM/234,PPE/<br>216,GD/202 | RE(A)/216<br>RE(B)/202  | PE-V<br>HPC/202,PGT/<br>216 |               |                                                                                                                    |                              |             |             |
| Thursday    | OE-III                                                       |             | PE-IV<br>SELAM/234,PPE/<br>216,GD/202 | AE(A)/202<br>RE(B)/216  | PE-V<br>HPC/202,PGT/<br>216 |               |                                                                                                                    | R&A Lab.(M2) / A.E Lab. (M1) |             |             |
| Friday      |                                                              |             | RE(A)/216<br>AE(B)/202                | CAD(A)/216<br>RE(B)/202 | OE-III                      |               |                                                                                                                    | R&A Lab.(M3) / A.E Lab. (M2) |             |             |
| Course Code | Course Title                                                 |             |                                       |                         |                             | Credit        | Teacher                                                                                                            |                              |             |             |
| ME311       | Computer Aided Design (CAD)                                  |             |                                       |                         |                             | 2             | (A) Dr.A.K.Kadian, (B) Dr. L.S.Brar                                                                                |                              |             |             |
| ME305       | Automobile Engineering (AE)                                  |             |                                       |                         |                             | 3             | (A) Dr.R.Maiti & Dr. A.Chatopadhyay, (B) Dr.Mukesh Sharma&Dr.P.Mishra                                              |                              |             |             |
| ME307       | Robotics Engineering (RE)                                    |             |                                       |                         |                             | 3             | (A) Dr.Nirmal Kumar, (B) Dr. A.K.Kashyap                                                                           |                              |             |             |
|             | Programme Elective -IV (PE-IV)                               |             |                                       |                         |                             |               |                                                                                                                    |                              |             |             |
| PE324       | Surface Engineering and Laser Additive Manufacturing (SELAM) |             |                                       |                         |                             | 3             | Prof. Indranil Manna                                                                                               |                              |             |             |
| ME359       | Power Plant Engineering (PPE)                                |             |                                       |                         |                             | 3             | Dr.Arbind Kumar & Dr.D.P.Mishra                                                                                    |                              |             |             |
| ME369       | Gas Dynamics (GD)                                            |             |                                       |                         |                             | 3             | Dr.A.K.Roy                                                                                                         |                              |             |             |
|             | Programme Elective -V (PE-V)                                 |             |                                       |                         |                             |               |                                                                                                                    |                              |             |             |
| ME373       | Hydraulic and Pneumatic Control (HPC)                        |             |                                       |                         |                             | 3             | Dr.Richa Pandey                                                                                                    |                              |             |             |
| ME375       | Power Gear Train (PGT)                                       |             |                                       |                         |                             | 3             | Dr.S.Ghuku                                                                                                         |                              |             |             |
|             | Open Elective -III (OE-III)                                  |             |                                       |                         |                             | 3             |                                                                                                                    |                              |             |             |
| MC300       | Summer Training                                              |             |                                       |                         |                             | 2             | Dr. P. Mishra & Dr. L.S. Brar                                                                                      |                              |             |             |
|             | Laboratories                                                 |             |                                       |                         |                             |               |                                                                                                                    |                              |             |             |
| ME308       | Robotics and Automation Lab (R&A Lab.)                       |             |                                       |                         |                             | 1.5           | M1- Dr.Anil Ch. Mahato , Dr.Nirmal Kumar<br>M2- Dr.Anil Ch. Mahato , Dr.S.Ghuku<br>M3- Dr. S.Ghuku, Dr.A.K.Kashyap |                              |             |             |
| ME310       | Automobile Engineering Lab. (AE Lab.)                        |             |                                       |                         |                             | 1.5           | M1-Dr.A.K.Roy, Dr.S.Chakraborty<br>M2- Dr.P.Mishra, Dr.Mukesh Sharma<br>M3- Dr.Arbind Kumar , Dr.R.Maiti           |                              |             |             |
|             |                                                              |             |                                       |                         | Total Credit                | 22            |                                                                                                                    |                              |             |             |

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*Nirmal Kumar*  
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