



Mechanical Engineering Department  
BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
MONSOON-2026

Revised



w.e.f.: 27.07.2026

**Student TIME TABLE**

| Programm:       | B.Tech                        |                                                           | Branch:                    | ME                             |                            |             | Section                                                                                                | A&B                                                 | Semester: III  |             |             |
|-----------------|-------------------------------|-----------------------------------------------------------|----------------------------|--------------------------------|----------------------------|-------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|-------------|-------------|
| Days            | Period/Time/Subject/Room No.* |                                                           |                            |                                |                            |             |                                                                                                        |                                                     |                |             |             |
|                 | I                             | II                                                        | III                        | IV                             | V                          | VI          | VII                                                                                                    | VIII                                                | IX             | X           | XI          |
|                 | 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    | 17:30-18:20 | 18:30-19:20 |
| Monday          | SOM(A)/207                    | F.M&H.M(A)/207                                            | MP(A)/207                  | Thermo(A)/216                  |                            | SOM(A)/216  | UHV-II(A)/216                                                                                          | Thermo(B)/207                                       | F.M&H.M(B)/216 |             |             |
|                 |                               |                                                           |                            |                                |                            | NM Lab.(B)  |                                                                                                        | NM Lab.(A)                                          |                |             |             |
| Tuesday         | SOM(A)/207<br>Thermo(B)/216   | F.M&H.M(A)/207<br>NM(B)/216                               | IME/211                    | UHV-II(B)/216<br>Thermo(A)/202 |                            |             | F.M&H.M(B)/207                                                                                         | SOM(B)/207                                          | MP(B)/207      |             |             |
| Wednesday       | NM(A)/216                     | UHV-II(A)/216                                             | IME/211                    |                                | MP(A)/216                  |             | F.M&H.M(B)/216                                                                                         | SOM(B)/216                                          | UHV-II(B)/216  |             |             |
|                 |                               |                                                           |                            | F.M&H.M Lab.(M3)               |                            |             |                                                                                                        | F.M&H.M Lab.(M1)                                    |                |             |             |
| Thursday        |                               | SOM(B)/207                                                | NM(A)/216<br>UHV-II(B)/207 | UHV-II(A)/216<br>Thermo(B)/207 | Thermo(A)/216<br>MP(B)/207 |             | F.M&H.M Lab.(M2)                                                                                       |                                                     |                |             |             |
| Friday          | NM(B)/216                     | F.M&H.M(A)/207                                            | IME/211                    | SOM(A)/207<br>SOM(B)/216       | MP(B)/216                  | MP(A)/216   |                                                                                                        | NCC/NSS/PT&Games/Creative Arts(CA)/Enterpreneurship |                |             |             |
|                 |                               |                                                           |                            |                                |                            |             |                                                                                                        |                                                     |                |             |             |
| Course Category | Course Code                   | Course Title                                              |                            |                                |                            | Credit      | Teacher                                                                                                |                                                     |                |             |             |
| FS              | MA24201                       | Numerical Methods (NM)                                    |                            |                                |                            | 2           | (A&B) S.D.Jabeen                                                                                       |                                                     |                |             |             |
| PC              | ME24201                       | Thermodynamics (Thermo)                                   |                            |                                |                            | 3           | (A) Dr.A.Chattopadhyay,(B) Dr.S.Chakraborty                                                            |                                                     |                |             |             |
|                 | ME24203                       | Fluid Mechanics and Hydraulic Machines (F.M&H.M)          |                            |                                |                            | 3           | (A) Dr.A.K.Roy, (B) Dr.P.Mishra                                                                        |                                                     |                |             |             |
|                 | ME24205                       | Strength of Materials (SOM)                               |                            |                                |                            | 4           | (A) Dr.A.K.Kadian, (B) Dr. Nirmal Kumar                                                                |                                                     |                |             |             |
|                 | PE24297                       | Manufacturing Processes (MP)                              |                            |                                |                            | 3           | (A) Dr. S.K.Tiwari & Dr.B.Kumar,(B) Dr.R,Kumar                                                         |                                                     |                |             |             |
|                 | PE24201                       | Introduction to Materials Engineering (IME)               |                            |                                |                            | 3           | (A&B) Prof. I. Manna & Dr. G.Paul                                                                      |                                                     |                |             |             |
| HSS             | MT24131                       | Understanding Harmony UHV-II                              |                            |                                |                            | 3           | (A) Dr.Richa Pandey, (B) Dr. Rajeev Kumar                                                              |                                                     |                |             |             |
|                 |                               | Laboratories                                              |                            |                                |                            |             |                                                                                                        |                                                     |                |             |             |
| FS              | MA24202                       | Numerical Methods Lab. (NM Lab.)                          |                            |                                |                            | 1           | (A) Dr.Randhir Singh & Dr. Anandita Bera<br>(B) Dr.P.S.Majee & Dr.Nilkantha Das                        |                                                     |                |             |             |
| MC              | MC24201/202/203/204/205       | NCC/NSS/PT&Games/Creative Arts(CA)/Enterpreneurship       |                            |                                |                            | 1           | (A) Dr.O.P.Pandey, (B) Dr. Abhijit Nag                                                                 |                                                     |                |             |             |
| PC              | ME24202                       | Fluid Mechanics and Hydraulic Machines Lab.(F.M&H.M Lab.) |                            |                                |                            | 1           | (M1) Dr.O.P.Pandey & Dr. P.Mahata<br>(M2) Dr.A.K.Roy & Dr.S.K.Mishra<br>(M3) Dr.P.Mishra & Dr. S.Ghuku |                                                     |                |             |             |
|                 |                               | Total Credit                                              |                            |                                |                            | 24          |                                                                                                        |                                                     |                |             |             |

(Prem Prakash) 12/8/26  
Co-ordinator  
Central Time Table, BIT Mesra

Faisal 12/8/26  
Department Time Table Co-ordinators

HoD

12/8/26  
(Dr. Gautam Sarkhel)  
Dean (UG Studies)



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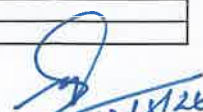
**Student TIME TABLE**

| Program:        | B.Tech                           |                                     | Branch:                            | ME                                      |                                     |             | Section                                                                                                          | A&B                                | Semester: V             |             |             |
|-----------------|----------------------------------|-------------------------------------|------------------------------------|-----------------------------------------|-------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------|-------------|-------------|
| Days            | Period/Time/Subject/Room No.*    |                                     |                                    |                                         |                                     |             |                                                                                                                  |                                    |                         |             |             |
|                 | I                                | II                                  | III                                | IV                                      | V                                   | VI          | VII                                                                                                              | VIII                               | IX                      | X           | XI          |
|                 | 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             | 17:30-18:20 | 18:30-19:20 |
| Monday          | ICEGT(B)/216                     | HMT(B)/216                          | MV(B)/216                          | ICEGT(A)/207                            | PE-II<br>TM/202,FEM/207,<br>CFD/216 |             | Communication Skills -II (A)/202                                                                                 |                                    |                         | OE-II       |             |
| Tuesday         | Communication Skills -II (B)/202 |                                     |                                    | ICEGT(B)/207                            | PE-II<br>TM/202,FEM/207,<br>CFD/216 |             | H.T Lab. (M2)/I.C.Engine Lab. (M3)                                                                               |                                    |                         |             |             |
| Wednesday       |                                  | HMT(A)/207                          | MV(A)/207<br>MV(B)/216             | PE-III<br>ASM/202, IT/216,<br>Mecha/207 | HMT(B)/207<br>ICEGT(A)/202          |             |                                                                                                                  |                                    |                         | OE-II       |             |
| Thursday        | ICEGT(B)/216<br>HMT(A)/202       | ICEGT(B)/216<br>ICEGT(A)/202        | H.T Lab. (M1)/I.C.Engine Lab. (M2) |                                         |                                     |             | PE-III<br>ASM/202, IT/216,<br>Mecha/207                                                                          | PE-II<br>TM/202,FEM/207<br>CFD/216 | MV(A)/207<br>HMT(B)/216 |             |             |
| Friday          | PE-III<br>Mecha/207              | PE-III<br>ASM/202, IT/216           | H.T Lab. (M3)/I.C.Engine Lab. (M1) |                                         |                                     |             | MV(A)/207                                                                                                        | ICEGT(A)/207                       | HMT(A)/207<br>MV(B)/216 | OE-II       |             |
| Course Category | Course Code                      | Course Title                        |                                    |                                         |                                     | Credit      | Teacher                                                                                                          |                                    |                         |             |             |
| PC              | ME24301                          | I.C.Engine and Gas Turbines (ICEGT) |                                    |                                         |                                     | 4           | (A) Dr. Mukesh Sharma,(B) Dr.O.P.Pandey                                                                          |                                    |                         |             |             |
|                 | ME24303                          | Mechanical Vibration (MV)           |                                    |                                         |                                     | 3           | (A) Dr. Rajeev Kumar,(B) Dr.S.Ghuku                                                                              |                                    |                         |             |             |
|                 | ME24305                          | Heat and Mass Transfer (HMT)        |                                    |                                         |                                     | 3           | (A) Dr. S.K.Dhiman, (B) Dr.D.P.Mishra                                                                            |                                    |                         |             |             |
|                 |                                  | Programme Elective-II (PE-II)       |                                    |                                         |                                     |             |                                                                                                                  |                                    |                         |             |             |
| PE              | ME24321                          | Turbo Machinery (TM)                |                                    |                                         |                                     | 3           | Dr. Ritwik Maiti                                                                                                 |                                    |                         |             |             |
|                 | ME24317                          | Finite Element Methods (FEM)        |                                    |                                         |                                     | 3           | Dr. A.K.Kadian                                                                                                   |                                    |                         |             |             |
|                 | ME24319                          | Computational Fluid Dynamics (CFD)  |                                    |                                         |                                     | 3           | Dr. S.K.Dhiman                                                                                                   |                                    |                         |             |             |
|                 |                                  | Programme Elective-III (PE-III)     |                                    |                                         |                                     |             |                                                                                                                  |                                    |                         |             |             |
| PE              | ME24321                          | Advanced Solid Mechanics (ASM)      |                                    |                                         |                                     | 3           | Dr. Abhijit Nag                                                                                                  |                                    |                         |             |             |
|                 | ME24323                          | Mechatronics (Mecha)                |                                    |                                         |                                     | 3           | Dr. Richa Pandey                                                                                                 |                                    |                         |             |             |
|                 | ME24325                          | Industrial Tribology (IT)           |                                    |                                         |                                     | 3           | Dr. A.Mukhopadhyay                                                                                               |                                    |                         |             |             |
| OE              |                                  | Open Elective-II (OE-II)            |                                    |                                         |                                     | 3           |                                                                                                                  |                                    |                         |             |             |
|                 |                                  | Laboratories                        |                                    |                                         |                                     |             |                                                                                                                  |                                    |                         |             |             |
| PC              | ME24302                          | Heat Transfer Lab (H.T Lab)         |                                    |                                         |                                     | 1           | (M1) Dr.S.K.Dhiman & Dr.F.Rahmani,<br>(M2)Dr.P.J.Sanga & Dr.A.K.Kadian<br>(M3)Dr.D.P.Mishra & Dr.A.Chattopadhyav |                                    |                         |             |             |
| PC              | ME24304                          | I.C.Engine Lab                      |                                    |                                         |                                     | 1           | (M1) Dr.Arbind Kumar &Dr.OmPrakash,<br>(M2)Dr.P.J.Sanga & Dr.A.K.Roy<br>(M3)Dr.Mukesh Sharma & Dr.Rajeev Kumar   |                                    |                         |             |             |
| HSS             | HSS24133                         | Communication Skills -II            |                                    |                                         |                                     | 1.5         | (A) Ms. Moujhuri Bhaduri, (B) Dr. Rohit Pandey                                                                   |                                    |                         |             |             |
| PC              | ME24300                          | Project-I                           |                                    |                                         |                                     | 2           |                                                                                                                  |                                    |                         |             |             |
|                 |                                  | Total Credit                        |                                    |                                         |                                     | 24.5        |                                                                                                                  |                                    |                         |             |             |

  
(Prem Prakash) 12/8/26  
Co-ordinator  
Central Time Table, BIT Mesra

  
Department Time Table Co-ordinators

  
HoD

  
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Dean (UG Studies)



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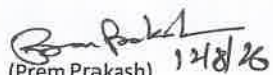
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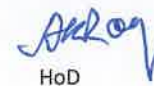
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**Student TIME TABLE**

| Program:        | B.Tech                        | Branch:                                           | ME                         | Section          | A&B         | Semester: VII |                                                                                                                        |                 |                 |             |             |
|-----------------|-------------------------------|---------------------------------------------------|----------------------------|------------------|-------------|---------------|------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------|-------------|
| Days            | Period/Time/Subject/Room No.* |                                                   |                            |                  |             |               |                                                                                                                        |                 |                 |             |             |
|                 | I                             | II                                                | III                        | IV               | V           | VI            | VII                                                                                                                    | VIII            | IX              | X           | XI          |
|                 | 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     | 17:30-18:20 | 18:30-19:20 |
| Monday          | Col(B)<br>Online Mode         | RAC(B)/202                                        | PE-VI<br>AHT/202           |                  |             |               | PE-VI<br>ToE/207                                                                                                       | PE-VI<br>IM/216 | RAC(A)/207      | OE-IV       |             |
| Tuesday         |                               |                                                   | PE-VI<br>AHT/207, ToE/216  |                  |             |               | RAC(B)/202                                                                                                             | RAC(A)/202      | PE-VI<br>IM/202 | OE-IV       |             |
| Wednesday       | Col(A)<br>Online Mode         | PE-VI<br>AHT/202                                  | RAC Lab.(M2)/CADD Lab.(M3) |                  |             |               | RAC Lab.(M1)/CADD Lab.(M2)                                                                                             |                 |                 |             |             |
| Thursday        |                               |                                                   | RAC(B)/202                 | PE-VI<br>IM/202  |             |               |                                                                                                                        |                 | RAC(A)/202      | OE-IV       |             |
| Friday          |                               |                                                   |                            | PE-VI<br>ToE/202 |             |               | RAC Lab.(M3)/CADD Lab.(M1)                                                                                             |                 |                 |             |             |
| Course Category | Course Code                   | Course Title                                      |                            |                  |             | Credit        | Teacher                                                                                                                |                 |                 |             |             |
| PC              | ME401                         | Refrigeration and Air Conditioning (RAC)          |                            |                  |             | 3             | (A)Dr.Arbind Kumar, (B)Dr.Om Prakash                                                                                   |                 |                 |             |             |
| HSS             | MT204                         | Constitution of India (CoI)                       |                            |                  |             | NC            |                                                                                                                        |                 |                 |             |             |
|                 |                               | <b>Programme Elective-VI (PE-VI)</b>              |                            |                  |             |               |                                                                                                                        |                 |                 |             |             |
| PC              | ME409                         | Industrial Management                             |                            |                  |             | 3             | Dr.P.Mishra                                                                                                            |                 |                 |             |             |
|                 | ME479                         | Advanced Heat Transfer (AHT)                      |                            |                  |             | 3             | Dr.S.Chakraborty                                                                                                       |                 |                 |             |             |
|                 | ME481                         | Theory of Elasticity (ToE)                        |                            |                  |             | 3             | Dr.L.S.Brar                                                                                                            |                 |                 |             |             |
|                 | ME400M                        | Minor Project                                     |                            |                  |             | 3             |                                                                                                                        |                 |                 |             |             |
|                 |                               | <b>Open Elective-IV (OE-IV)</b>                   |                            |                  |             | 3             |                                                                                                                        |                 |                 |             |             |
|                 |                               | <b>Laboratories</b>                               |                            |                  |             |               |                                                                                                                        |                 |                 |             |             |
| PC              | ME404                         | Refrigeration and Air Conditioning Lab (RAC Lab)  |                            |                  |             | 1.5           | (M1) Dr.R.Maiti & Dr.F.Rahmani<br>(M2) Dr.Mukesh Sharma & Dr.Anil Ch.Mahato<br>(M3) Dr.Arbind Kumar & Dr.S.Chakraborty |                 |                 |             |             |
| PC              | ME406                         | Computer Aided Design and Drafting Lab (CADD Lab) |                            |                  |             | 1.5           | (M1) Dr.Richa Pandey & Dr.Nirmal Kumar<br>(M2) Dr.A.Nag & Dr.S.Ghuku<br>(M3) Dr.S.K.Mishra & Dr.L.S.Brar               |                 |                 |             |             |
|                 |                               | <b>Total Credit</b>                               |                            |                  |             | <b>15</b>     |                                                                                                                        |                 |                 |             |             |

  
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|                 |                                   |                                                                                     |                |               |                     |             |                    |                   |             |             |             |
|-----------------|-----------------------------------|-------------------------------------------------------------------------------------|----------------|---------------|---------------------|-------------|--------------------|-------------------|-------------|-------------|-------------|
| Program:        | M.Tech                            |                                                                                     | Branch:        | ME            |                     |             | Section            | A                 | Semester: I |             |             |
| Days            | Period/Time/Subject/Room No.*     |                                                                                     |                |               |                     |             |                    |                   |             |             |             |
|                 | I                                 | II                                                                                  | III            | IV            | V                   | VI          | VII                | VIII              | IX          | X           | XI          |
|                 | 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 | 17:30-18:20 | 18:30-19:20 |
| Monday          |                                   | Modeling and Optimization Lab                                                       |                |               | FEA / TOM lab.      |             | OT / ToM Lab       | AESMSDA / ToM Lab |             |             |             |
| Tuesday         |                                   | Computational Lab.                                                                  |                |               | FEA/Autonomous Lab. |             | FPC / ToM Lab      | CME / ToM Lab     |             |             |             |
| Wednesday       | Communication Skills-I / ToM Lab. |                                                                                     |                |               |                     |             | OT / 202           | AESMSDA / 202     |             |             |             |
| Thursday        |                                   |                                                                                     |                |               | CME / 202           |             | FPC / ToM Lab      | FEA / TOM lab.    |             |             |             |
| Friday          |                                   |                                                                                     | CME / Tom lab. | OT / Tom lab. |                     |             | FPC / 202          | AESMSDA / 202     |             |             |             |
| Course Category | Course Code                       | Course Title                                                                        |                |               |                     | Credit      | Teacher            |                   |             |             |             |
| PC              | ME26501                           | Advanced Energy Systems Modeling,Simulation and Digital Analytics (AESMSDA)         |                |               |                     | 3           | Dr.Om Prakash      |                   |             |             |             |
|                 | ME26503                           | Optimization Techniques (OT)                                                        |                |               |                     | 3           | Dr. Kaushik Kumar  |                   |             |             |             |
|                 | ME26505                           | Finite Element Analysis (FEA)                                                       |                |               |                     | 3           | Dr. L.S.Brar       |                   |             |             |             |
|                 | ME26507                           | Computaional Methods in Engineering (CME)                                           |                |               |                     | 3           | Dr.Ritwik Maiti    |                   |             |             |             |
|                 | ME26509                           | Fluid Power and Control (FPC)                                                       |                |               |                     | 3           | Dr.Anil Ch. Mahato |                   |             |             |             |
|                 |                                   | Laboratories                                                                        |                |               |                     |             | Dr.L.S.Brar        |                   |             |             |             |
| HSS             | MT26132                           | Skill Development Course-I related to the Programme (CSTW) (Communication Skills-I) |                |               |                     | 2           | Dr. Arbind Kumar   |                   |             |             |             |
| PC              | ME26502                           | Computational Lab.                                                                  |                |               |                     | 1.5         | Dr.Ritwik Maiti    |                   |             |             |             |
|                 | ME26504                           | Modeling and Optimization Lab                                                       |                |               |                     | 1.5         | Dr. Kaushik Kumar  |                   |             |             |             |
|                 |                                   | Total Credit                                                                        |                |               |                     | 20          |                    |                   |             |             |             |

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Co-ordinator  
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*Priyanka*  
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|-----------------|-------------------------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|
| Programm:       | M.Tech                        |                                      | Branch:     | ME          |             |             | Section     | A           | Semester: III |             |             |
| Days            | Period/Time/Subject/Room No.* |                                      |             |             |             |             |             |             |               |             |             |
|                 | I                             | II                                   | III         | IV          | V           | VI          | VII         | VIII        | IX            | X           | XI          |
|                 | 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   | 17:30-18:20 | 18:30-19:20 |
| Monday          |                               |                                      |             |             |             |             |             |             |               | OE-I        | OE-II       |
| Tuesday         |                               |                                      |             |             |             |             |             |             |               | OE-II       |             |
| Wednesday       |                               |                                      |             |             |             |             |             |             |               | OE-I        |             |
| Thursday        |                               |                                      |             |             |             |             |             |             |               | OE-II       |             |
| Friday          |                               |                                      |             |             |             |             |             |             |               | OE-I        |             |
| Course Category | Course Code                   | Course Title                         |             |             |             | Credit      | Teacher     |             |               |             |             |
| PC              | ME26600                       | Research Project-I / Internship      |             |             |             | 14          |             |             |               |             |             |
| OE              |                               | Open Elective-I (OE-I) / MOOC - I    |             |             |             | 3           |             |             |               |             |             |
| OE              |                               | Open Elective-II (OE-II) / MOOC - II |             |             |             | 3           |             |             |               |             |             |
|                 |                               | Total Credit                         |             |             |             | 20          |             |             |               |             |             |

*Prem Prakash*  
(Prem Prakash) 21/7/26  
Co-ordinator  
Central Time Table, BIT Mesra

*Anshu*  
12/8/26  
Department Time Table Co-ordinator

*HoD*  
HoD

*S. S. Solanki*  
(Dr. S. S. Solanki)  
Dean (PG-Studies)  
12-08-2026