

# DEPARTMENT OF MECHANICAL ENGINEERING

Master Time table- R00

OFFLINE TIME-TABLE FOR SESSION JULY-DEC 2023

Date:

(B. Tech IIIrd & IVth Year Students w.e.f 24/07/2023 and B. Tech IInd Year Students wef 01/08/2023)

| 0                               | Period/Day | 1  | 2   | 3   | 4              | 5  | 6   | 7   | 8              |
|---------------------------------|------------|--|---|---|----------------|--|---|---|----------------|
|                                 | Time       | 10:00-11:00 AM   | 11:00 -12:00 AM                                       | 12:00-01:00 PM                                  | 01:00-02:00 PM | 02:00 -03:00 PM  | 03:00-04:00 PM  | 04:00-05:00 PM  | 05:00-06:00 PM |
|                                 | III (ME)   | 2120331/Mechanics of Materials/DKR/119                       | 2120334/Fluid Mechanics and Hydraulic Machines/BP/119 | 2120333/Metal Cutting and Machine Tools/SKC/119 | Lunch          | 2100025/Engineering Mathematics-II/SH-II   | 1000005/Project Management & Financing/VC   | 3000001/Engineering Physics   |                |
|                                 | III (AU)   | 2190331/Mechanics of Materials/DKR/119                       | 2190334/Fluid Mechanics and Hydraulic Machines/BP/119 | 2190333/Metal Cutting and Machine Tools/SKC/119 |                |  |   |   |                |
|                                 | V ME       | 120519/Data Science/ASR/SH-II                                | 120511/Industrial Engineering/NU/SH-II                | 120513//Heat and Mass Transfer/MKG/SH-II        |                | 120519/Data Science Lab./ASR/VS/RM/ME-A (1-60)<br>120513/190513/Heat and Mass Transfer Lab/BP/MKG/ME-B and AU (61-Remaining)   | 120520/Theory of Machines –II Lab /JV/AA/ME-A (1-60)<br>120515/Machine Design/NU/DKR/RM/ME-B(61-Remaining)                                    |   |                |
|                                 | V (AU)     | 190519/Data Science/ASR/SH-II                                | 190511/Industrial Engineering/NU/SH-II                | 190513/Heat and Mass Transfer/BP/SH-II          |                |  |   |   |                |
|                                 | VII (ME)   | 120717/190717/Creative Problem Solving (DLC-7)/SKC/NM/Online |   |   |                | Solar Energy/NM/ 112<br>Maintenance Engineering/GN/119<br>Supply Chain Management/AA/114                                       | 120731/Advanced Production Technology/AA/112<br>120732/Metrology, Measurement and Control/SKC/SH-II<br>120733/Total Quality Management/SA/119 | 120715/Reliability and Vibration Lab/NM/VS/SKF Lab./ME-A (1-50)                                   |                |
|                                 | VII(AU)    |  |   |   |                |  |   |   |                |
| T<br>U<br>E<br>S<br>D<br>A<br>Y | III (ME)   | 2120334/Fluid Mechanics and Hydraulic Machines/BP/119        | 2120333/Metal Cutting and Machine Tools/SKC/119       | 2120332/Theory of Machines –1/ASR/119           | Lunch          | 2100025/Engineering Mathematics-II/SH-II   | 3000001/Engineering Physics   | 2120332/Theory of Machines –1/ASR/VS/ME-B(61-remaining)<br>212335//Software lab/SA/GN/ME-A (1-60) |                |
|                                 | III (AU)   | 2190334/Fluid Mechanics and Hydraulic Machines/BP/119        | 2190333/Metal Cutting and Machine Tools/SKC/119       | 2190332/Automotive Engines/112                  |                |  |   |   |                |
|                                 | V ME       | 120520/Theory of Machines –II/JV/SH-II                       | 120515/Machine Design/DKR/SH-II                       | 120513//Heat and Mass Transfer/MKG/SH-II        |                | 120519/190519/Data Science Lab./ASR/VS/RM/ME-B and AU (61-Remaining)<br>120513/Heat and Mass Transfer Lab. /BP/MKG/ME-A (1-60) |   | 120517/190517Self-learning/Presentation/SKC/VC  |                |
|                                 | V (AU)     | 190520/Automotive Chassis/NM/114                             | 190514/Design of Machine Elements/RPK/114             | 190513/Heat and Mass Transfer/BP/SH-II          |                |  |   |   |                |
|                                 | VII (ME)   |  |   |   |                | Solar Energy/NM/ 112<br>Maintenance Engineering/GN/119<br>Supply Chain   | 120731/Advanced Production Technology/AA/112<br>120732/Metrology,   | 120715/Reliability and Vibration Lab/NM/NU/SKF Lab./ME-B (51-100)                                 |                |

**Note: At least 75% attendance is required for appearing the examination.**

Time Table Co-ordinator

(Dr. M. K. Gaur)  
Head, Mechanical Engineering Department

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|   |          |  |   |  |       |   |  |   |  |
|---|----------|--|---|--|-------|---|--|---|--|
|   |          |  |   |  |       | Management/AA/114   | Measurement and Control/SKC/SH-II<br>120733/Total Quality Management/SA/119              |   |  |
|   | VII(AU)  |  |   |  |       |   | 190731/Vehicle Dynamics/SKF Lab.<br>190732/Hybrid Electric Vehicles/114                  |   |  |
| W<br>E<br>D<br>N<br>E<br>S<br>D<br>A<br>Y | III (ME) | 2120333/Metal Cutting and Machine Tools/SKC/119                | 2120331/Mechanics of Materials/DKR/119                | 2120332/Theory of Machines –1/ASR/119      | Lunch | 2120334/Fluid Mechanics and Hydraulic Machines Lab/BP/JV/ME-A (1-60)                    |  |   |  |
|   | III (AU) | 2190333/Metal Cutting and Machine Tools/SKC/119                | 2190331/Mechanics of Materials/DKR/119                | 2190332/Automotive Engines/112             |       | 2120331/2190331Mechanics of Materials Lab./DKR/NU/ME-B/AU (61-Remaining)                |  |   |  |
|   | V ME     | 120519/Data Science/ASR/SH-II                                  | 120513/Heat and Mass Transfer/MKG/SH-II               | 120515/Machine Design/DKR/SH-II            |       |   |  |   |  |
|   | V (AU)   | 190519/Data Science/ASR/SH-II                                  | 190513/Heat and Mass Transfer/BP/SH-II                | 190514/Design of Machine Elements/ RPK/114 |       |   |  |   |  |
|   | VII (ME) | Universal Human Values & Professional Ethics(UHVPE)/ GN/Online |   |  |       |   | Solar Energy/NM/ 112<br>Maintenance Engineering/GN/119<br>Supply Chain Management/AA/114 | 120731/Advanced Production Technology/AA/119<br>120732/Metrology, Measurement and Control/SKC/SH-II<br>120733/Total Quality Management/SA/112 | 120715/Reliability and Vibration Lab/NM/VS/SKF Lab./ME-B (101-Remaining) |
|   | VII(AU)  |  |   |  |       |   |  | 190731/Vehicle Dynamics/SKF Lab.<br>190732/Hybrid Electric Vehicles/114   |  |
| T<br>H<br>U<br>R<br>S<br>D<br>A<br>Y      | III (ME) | 2120331/Mechanics of Materials/DKR/119                         | 2120334/Fluid Mechanics and Hydraulic Machines/BP/119 | 2100025/Engineering Mathematics-II/119     | Lunch | 2120332/Theory of Machines –1/ASR/VS/ME-A(1-60)   |  |   |  |
|   | III (AU) | 2190331/Mechanics of Materials/DKR/119                         | 2190334/Fluid Mechanics and Hydraulic Machines/BP/119 |  |       | 2120334/2190334/Fluid Mechanics and Hydraulic Machines/BP/JV/ME-B and AU (61-Remaining) |  |   |  |
|   | V ME     | 120511/Industrial Engineering/NU/SH-II                         | 120520/Theory of Machines – II/JV/SH-II               | 120515/Machine Design/DKR/SH-II            |       | 120520/Theory of Machines –II Lab /JV/BP/ME-B<br>120515/Machine Design/NU/DKR/RM/ME-A   |  |   |  |
|   | V (AU)   | 190511/Industrial Engineering/NU/SH-II                         | 190520/Automotive Chassis/NM/114                      | 190514/Design of Machine Elements/ RPK/114 |       | 190520/Automotive Chassis Lab/NM  |  |   |  |
|   | VII (ME) |  |   |  |       |   |  | 120761 Foundation of Computational Fluid Dynamics/BP<br>120762 Introduction   | 120764-Fundamentals Of Additive Manufacturing                            |
|   | VII(AU)  |  |   |  |       |   |  |   |  |

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(Dr. M. K. Gaur)  
Head, Mechanical Engineering Department

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**(B. Tech IIIrd & IVth Year Students w.e.f 24/07/2023 and B. Tech IInd Year Students wef 01/08/2023)**

|  |  |          |   |   |                                  |       |   |  |   |  |  |  |  |
|--|--|----------|---|---|----------------------------------|-------|---|--|---|--|--|--|--|
|  |  |          |   |   |                                  |       |   |  |   |  |  | to Composites/DKR<br>120763 Advanced<br>Machining<br>Processes/SKC | Technologies/GN<br>120765 Energy<br>Conservation And<br>Waste Heat<br>Recovery/SA<br>120766 Work<br>system Design/NU |
| <b>F<br/>R<br/>I<br/>D<br/>A<br/>Y</b> |  | III (ME) | 2120332/Theory of<br>Machines –I/ASR/119  | 2120331/Mechanics of<br>Materials/DKR/NU/ME-A               |                                  | Lunch | 212336/2190336/Self-<br>learning/Presentation/SKC/GN/Online     |  |   |  |  |  |  |
|  |  | III (AU) | 2190332/Automotive<br>Engines/112         | 2190335/Software lab/SA/GN/ME-B and AU<br>(61 to Remaining) |                                  |       | 120520/Theory of Machines –II Lab /JV/AA/ME-B<br>(61-Remaining) |  | 1000006/Disaster Management/GN/online   |  |  |  |  |
|  |  | V ME     | 120511/Industrial<br>Engineering/NU/SH-II | 120520/Theory of<br>Machines –<br>II/JV/SH-II               | 120519/Data<br>Science/ASR/SH-II |       | 190514/Design of Machine Elements/RPK                           |  |   |  |  |  |  |
|  |  | V (AU)   | 190511/Industrial<br>Engineering/NU/SH-II | 190520/Automotive<br>Chassis/NM/114                         | 190519/Data<br>Science/ASR/SH-II |       |   |  |   |  |  |  |  |
|  |  | VII (ME) |   |   |                                  |       |   |  | 120761 Foundation of<br>Computational Fluid<br>Dynamics/BP<br>120762 Introduction to<br>Composites/DKR<br>120763 Advanced<br>Machining<br>Processes/SKC |  | 120764<br>Fundamentals Of<br>Additive<br>Manufacturing<br>Technologies/GN<br>120765 Energy<br>Conservation And<br>Waste Heat<br>Recovery/SA<br>120766 Work<br>system Design/NU |  |  |
|  |  | VII(AU)  |   |   |                                  |       |   |  |   |  |  |  |  |

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Time Table Co-ordinator

**(Dr. M. K. Gaur)**  
**Head, Mechanical Engineering Department**

**SEMESTER-WISE SUBJECTSCHEMES**

| <b>3<sup>rd</sup> Semester Automobile Engg. (B. Tech) Coordinator: B.K Pandey</b> |  |               |   |   |   | <b>3<sup>rd</sup> Semester Mechanical Engg. (B. Tech) Coordinator: Dr. JYOTI VIMAL</b> |  |               |   |   |   |
|---|--|---------------|---|---|---|--|--|---------------|---|---|---|
| Subject Code  | Subject Name                                   | Contact Hours |   |   | Faculty I/C                             | Subject Code   | Subject Name                                   | Contact Hours |   |   | Faculty I/C                             |
|   |  | L             | T | P |   |  |  | L             | T | P |   |
| 2100025   | Engineering Mathematics-II                     | 3             | 1 | 0 | MAC Department                          | 2100025  | Engineering Mathematics-II                     | 3             | 1 | 0 | MAC Department                          |
| 2190331   | Mechanics of Materials                         | 2             | 1 | 2 | Dr. D K Rathore                         | 2120331  | Mechanics of Materials                         | 2             | 1 | 2 | Dr. D K Rathore                         |
| 2190332   | Automotive Engines                             | 2             | - | 2 | Dr. Jyoti Vimal                         | 2120332  | Theory of Machines –I                          | 2             | - | 2 | Prof. A S Rajput                        |
| 2190333   | Metal Cutting and Machine Tools                | 3             | - | - | Dr. S K Chourasiya                      | 2120333  | Metal Cutting and Machine Tools                | 3             | - | - | Dr. S K Chourasiya                      |
| 2190334   | Fluid Mechanics and Hydraulic Machines         | 2             | 1 | 2 | Prof. B Pandey                          | 2120334  | Fluid Mechanics and Hydraulic Machines         | 2             | 1 | 2 | Prof. B Pandey                          |
| 2190335   | Software lab                                   | -             | - | 2 | Prof. S Agarwal and Dr. Gavendra Norkey | 2120335  | Software lab                                   | -             | - | 2 | Prof. S Agarwal and Dr. Gavendra Norkey |
| 2190336   | Self-learning/Presentation (SWAYAM/NPTEL/MOOC) | -             | - | 1 | Dr. S K Chourasiya and Dr. G Norkey     | 2120336  | Self-learning/Presentation (SWAYAM/NPTEL/MOOC) | -             | - | 1 | Dr. S K Chourasiya and Dr. G Norkey     |
| 1000005   | Project Management & Financing                 | 2             | - | - | Prof. V Chaturvedi                      | 1000005  | Project Management & Financing                 | 2             | - | - | Prof. V Chaturvedi                      |
| 3000001   | Engineering Physics                            | 2             | - | - |   | 3000001  | Engineering Physics                            | 2             | - | - |   |

| <b>5<sup>th</sup> Semester Automobile Engg. (B. Tech) Coordinator: Dr Nitin</b> |   |               |   |   |   | <b>5<sup>th</sup> Semester Mechanical Engg. (B. Tech) Coordinator: Dr. D.K Rathore</b> |   |               |   |   |   |
|---|---|---------------|---|---|---|--|---|---------------|---|---|---|
| Subject Code  | Subject Name                                      | Contact Hours |   |   | Faculty I/C                               | Subject Code   | Subject Name                                      | Contact Hours |   |   | Faculty I/C Batch                         |
|   |   | L             | T | P |   |  |   | L             | T | P |   |
| 190519  | Data Science                                      | 3             |   | 2 | Prof. A S Rajput                          | 120519   | Data Science                                      | 3             |   | 2 | Prof. A S Rajput                          |
| 190511  | Industrial Engineering (DC-9)                     | 2             | 1 |   | Dr. Nitin Upadhyay                        | 120520   | Theory of Machines –II (DC-9)                     | 2             |   | 2 | Dr. Jyoti Vimal                           |
| 190513  | Heat and Mass Transfer (DC-10)                    | 2             | 1 | 2 | Dr. M K Gaur                              | 120511   | Industrial Engineering (DC-10)                    | 2             | 1 |   | Dr. Nitin Upadhyay                        |
| 190514  | Design of Machine Elements (DC-11)                | 2             | 1 | 2 | Prof. R P Kori                            | 120513   | Heat and Mass Transfer (DC-11)                    | 2             | 1 | 2 | Dr. M K Gaur                              |
| 190520  | Automotive Chassis (DC-12)                        | 2             |   | 2 | Dr. Neeraj Mishra                         | 120515   | Machine Design (DC-12)                            | 2             | 1 | 2 | Dr. D K Rathore                           |
| 190516  | Minor Project-I                                   |               |   | 4 | Respective Guide                          | 120516   | Minor Project-I**                                 |               |   | 4 | Respective Guide                          |
| 190517  | Self-learning/Presentation (SWAYAM/NPTEL/ MOOC) # |               |   | 2 | Dr. S K Chourasiya and Prof. V Chaturvedi | 120517   | Self-learning/Presentation (SWAYAM/NPTEL/ MOOC) # |               |   | 2 | Dr. S K Chourasiya and Prof. V Chaturvedi |
| 1000006   | Disaster Management                               |               |   | 2 | Dr. G Norkey                              | 1000006  | Disaster Management                               |               |   | 2 | Dr. G Norkey                              |
| 200XXX  | NEC Course  | -             | - | 2 | Concerned Faculty                         | 200XXX   | NEC Course  | -             | - | 2 | Concerned Faculty                         |

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| VII Semester Mechanical Engineering (Class Coordinator Prof. V Chaturvedi) |   |         |   |   | VII Semester Automobile Engineering (Class Coordinator Prof S Agarwal) |              |   |         |   |   |                        |
|--|---|---------|---|---|--|--------------|---|---------|---|---|------------------------|
| Subject code   | Subject NameName                                    | Credits |   |   | Faculty Incharge   | Subject code | Subject NameName                                    | Credits |   |   | Faculty Incharge       |
|  |   | L       | T | P |  |              |   | L       | T | P |                        |
| 120731   | Advanced Production Technology (DE-2)               | 3       |   |   | Dr. Amit Aherwar   | 190731       | Vehicle Dynamics (DE-2)                             | 3       |   |   | Dr. Nitin Upadhyay     |
| 120732   | Metrology, Measurement and Control (DE-2)           | 3       |   |   | Dr. S K Chourasiya   | 190732       | Hybrid Electric Vehicles (DE-2)                     | 3       |   |   | Prof. V Shivhare       |
| 120733   | Total Quality Management (DE-2)                     | 3       |   |   | Prof. Sharad Agarwal   | 190715       | Automotive Maintenance                              |         |   | 2 | Prof. A S Rajput       |
| 120715   | Reliability and Vibration Lab                       |         |   | 2 | Prof. V Shivhare   | 190717       | Creative Problem Solving                            |         |   | 2 | Dr. S K Chourasiya     |
| 120717   | Creative Problem Solving                            |         |   | 2 | Dr. S K Chourasiya   |              |   |         |   |   |                        |
|  | Universal Human Values & Professional Ethics(UHVPE) | 2       |   |   | Dr. Gavendra Norkey  |              | Universal Human Values & Professional Ethics(UHVPE) | 2       |   |   |                        |
| <b>DE-3 (Online)</b>   |   |         |   |   | <b>DE-3 (Online)</b>   |              |   |         |   |   |                        |
| 120761   | Foundation of Computational Fluid Dynamics          | 3       |   |   | Prof. Bhupendra Pandey   | 190761       | Farm Machinery                                      | 3       |   |   | Prof. Ajay Rajput      |
| 120762   | Introduction to Composites                          | 3       |   |   | Dr. D K Rathore  | 190762       | Mechanism and Robot Kinematics                      | 3       |   |   | Dr. Neeraj Mishra      |
| 120763   | Advanced Machining Processes                        | 3       |   |   | Dr. S K Chourasiya   |              |   |         |   |   |                        |
| <b>DE-4 (Online)</b>   |   |         |   |   | <b>DE-4 (Online)</b>   |              |   |         |   |   |                        |
| 120764   | Fundamentals Of Additive Manufacturing Technologies | 3       |   |   | Dr. Gavendra Norkey  | 190763       | Powder Metallurgy                                   | 3       |   |   | Dr. Amit Aherwar       |
| 120765   | Energy Conservation And Waste Heat Recovery         | 3       |   |   | Prof. Sharad Agarwal   | 190764       | Sustainable Power Generation Systems                | 3       |   |   | Prof. Vaibhav Shivhare |
| 120766   | Work system Design                                  | 3       |   |   | Dr. Nitin Upadhyay   |              |   |         |   |   |                        |

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| 7 <sup>th</sup> Semester OC-2 Courses (Not for Mechanical and Automobile Engineering) |                         |               |   |   |                    |  |
|---|-------------------------|---------------|---|---|--------------------|--|
| Subject Code  | Subject Name            | Contact Hours |   |   | Faculty I/C        |  |
|   |                         | L             | T | P |                    |  |
| 9002XX  | Open Course – 2*        |               |   |   |                    |  |
|   | Supply Chain Management | 2             |   | - | Dr Amit Aherwar    |  |
|   | Solar Energy            |               |   |   | Dr. Neeraj Mishra  |  |
|   | Maintenance Engineering |               |   |   | Dr Gavendra Norkey |  |

| List of Faculties |                   |          |                         |          |                   |          |               |
|-------------------|-------------------|----------|-------------------------|----------|-------------------|----------|---------------|
| Initials          | Faculty Name      | Initials | Faculty Name            | Initials | Faculty Name      | Initials | Faculty Name  |
| PJ                | Dr. P. Jayaswal   | ASA      | Dr Ashish Agarwal       | NM       | Mr. Neeraj Mishra |          |               |
| CSM               | Dr. C S Malvi     | DK       | Dr Dinesh Kumar Rathore |          |                   |          |               |
| MKG               | Dr. M K Gaur      | SKC      | Dr Surendra Chaurasiya  |          |                   |          |               |
| MKS               | Dr. M. K. Sagar   | NU       | Dr Nitin Upadhyay       |          |                   |          |               |
| RPK               | Mr. R P Kori      | GN       | Dr Gavendra Norkey      |          |                   |          |               |
| VC                | Mr. V. Chaturvedi | ASR      | Mr. Ajay Singh Rajput   |          |                   |          |               |
| JV                | Dr. Jyoti Vimal   | NM       | Dr Neeraj Mishra        |          |                   |          |               |
| SA                | Mr. S. Agrawal    |          |                         |          |                   |          |               |
| VS                | Mr. V. Shivhare   |          |                         |          |                   |          |               |
| AA                | Dr. Amit Ahirwar  |          |                         |          |                   |          |               |
| BP                | Mr. B. Pandey     |          |                         |          |                   |          |               |
| Technical Staff   |                   |          |                         |          |                   |          |               |
|                   |                   |          |                         |          |                   | RM       | Mr. Ram Mahor |
|                   |                   |          |                         |          |                   |          |               |

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