

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

MECHANICAL ENGINEERING

B. Tech 3rd Year 1st Semester (Gr 1: 2257001- 2257038; Gr 2: 2257039- 2257069)

SESSION: 2024-2025

| DAY | GROUP | 9.00 AM – 10.00 AM | 10.00 AM – 11.00 AM | 11.00 AM – 12 NOON | 12 NOON – 1.00 PM | 1.00 PM – 2.00 PM | 2.00 PM – 3.00 PM | 3.00 PM – 4.00 PM | 4.00 PM – 5.00 PM | 5.00 PM – 6.00 PM | |
|-----|-------|-----------------------------|-----------------------|------------------------|----------------------------|-----------------------------|------------------------------|-----------------------|-------------------|-------------------|--|
| MON | GR. 1 | MECH 3103 /VKS/CME 109 | MECH 3102 /DB/CME 109 | MECH 3104 /SH/CME 109 | B R E A K | MECH 3101 /RM/CME 109 | MECH 3132/AR/ CME 109 | LIBRARY | | | |
| | GR. 2 | | | | | | MECH 3133/SBS/CME 117 | | | | |
| TUE | GR. 1 | MECH 3105 /MB/CME 117 | MECH 3104 /SH/CME 117 | MECH 3102 /AJB/CME 117 | | MECH 3103 /VKS/CME 109 | MECH 3152/AJB/CME 114/SG,SCB | | | | |
| | GR. 2 | | | | | | MECH 3155/MB/CME 105/SD, AD | | | | |
| WED | GR. 1 | MECH 3102 /DB/CME 117 | MECH 3105 /MB/CME 117 | MECH 3104 /VKS/CME 117 | | MECH 3101 /ABS/CME 109 | MECH 3132/AR/CME 109 | INCO 3016/ SG/CME 109 | REMEDIAL CME 109 | | |
| | GR. 2 | | | | | | MECH 3133/RB/CME 117 | | | | |
| THU | GR. 1 | MECH 3101 /RM/CME 109 | MECH 3103 /SK/CME 109 | MECH 3105 /RB/CME 109 | MECH 3102 /AJB/CME 109 | MECH 3155/RB/CME 105/SD,STR | | | | | |
| | GR. 2 | | | | | MECH 3152/DB/CME 114/SG,SC | | | | | |
| FRI | GR. 1 | MECH 3182/AR/CME 116/MM,AD | | | MECH 3102 (R) /AJB/CME 109 | MECH 3132/SB/CME 109 | INCO 3016/ AS/CME 109 | MENTORING/ CME 109 | | | |
| | GR. 2 | MECH 3183/RB/CME 513/SBH,AS | | | | MECH 3133/RB/CME 212 | | | | | |

To be Effective from 18.07.2024

**A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination
Students should target 100% attendance**

Sachin Kumar
Ranganath
Member

HOD

[Signature]

Principal

[Signature]

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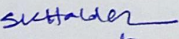
Faculty Details:

TA Details:

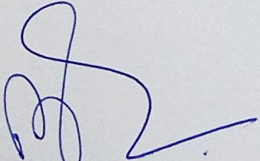
| INITIALS | FULLNAME | DEPT | INITIALS | FULLNAME | DEPT |
|----------|-----------------------------|------|----------|--------------------------|------|
| AJB | Prof.(Dr.)Arup Jyoti Bhowal | ME | SBH | Mr. Swaraj Bandhu Hari | EE |
| ABS | Prof. Amalendu Biswas | ME | AS | Ms. Ashmita Saha | EE |
| SH | Prof. Sudip Kumar Halder | ME | SG | Mr. Sudipta Goswami | ME |
| MB | Prof. Manik Barman | ME | SCB | Mr. Sanat Chandra Basu | ME |
| VKS | Prof. Vishnu Kumar Singh | ME | SC | Mr. Suprotim Chakraborty | ME |
| SK | Prof. Subham Kundu | ME | SD | Mr. Sudipta Datta | ME |
| DB | Prof. Debiprasad Banerjee | ME | STR | Mr. Sayantan Rudra | ME |
| RM | Prof. Ritwik Mandal | ME | AD | Mr. Abhishek Das | ME |
| RB | Prof. Ranojit Banerjee | ME | MM | Mr. Mrinmoy Mondal | ME |
| AR | Prof. Avik Ray | ME | | | |
| SB | Prof. (Dr.)Sumanta Banerjee | ME | | | |
| RB | Prof. Reetwik Bhadra | EE | | | |
| SBS | Prof. Suvabrata Sil | EE | | | |
| SG | Prof. Sanchita Gangopadhyay | HUM | | | |
| AS | Prof. Ayushi Singh | HUM | | | |

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COURSE STRUCTURE:

3rd Year 1st Semester Curriculum:

| Sl. No. | Category | Course Code | Theory Course Title | Contact Hours/Week | | | | Credit Points |
|------------------------------|-------------------------------|----------------|--|--------------------|----------|----------|-----------|---------------|
| | | | | L | T | P | Total | |
| 1 | Professional Core Courses | MECH 3101 | Machine Design-I | 3 | 0 | 0 | 3 | 3 |
| 2 | Professional Core Courses | MECH 3102 | Heat Transfer | 4 | 0 | 0 | 4 | 4 |
| 3 | Professional Core Courses | MECH 3103 | Engineering Materials | 3 | 0 | 0 | 3 | 3 |
| 4 | Professional Core Courses | MECH 3104 | Machining & Machine Tools | 3 | 0 | 0 | 3 | 3 |
| 5 | Professional Core Courses | MECH 3105 | Dynamics of Machines | 3 | 0 | 0 | 3 | 3 |
| 6 | Professional Elective Courses | MECH 3131-3134 | Professional Elective - I | 3 | 0 | 0 | 3 | 3 |
| 7 | Mandatory Courses | INCO 3016 | Indian Constitution and Civil Society | 2 | - | - | 2 | 0 |
| Total Theory | | | | 21 | 0 | 0 | 21 | 19 |
| Laboratory/ Practical | | | | | | | | |
| 1 | Professional Core Courses | MECH 3152 | Applied Thermodynamics & Heat Transfer Lab | 0 | 0 | 3 | 3 | 1.5 |
| 2 | Professional Core Courses | MECH 3155 | Dynamics of Machines Lab | 0 | 0 | 3 | 3 | 1.5 |
| 3 | Professional Elective Courses | MECH 3181-3184 | Professional Elective - I Lab | 0 | 0 | 3 | 3 | 1.5 |
| Total Practical | | | | 0 | 0 | 9 | 9 | 4.5 |
| Total of Semester | | | | 21 | 0 | 9 | 30 | 23.5 |

List of Professional Elective I:

1. MECH 3131 : Fluid Power Control
2. MECH 3132 : Refrigeration & Air Conditioning
3. MECH 3133 : Electrical Machines
4. MECH 3134 : Data Structure & RDBMS

List of Professional Elective I Lab:

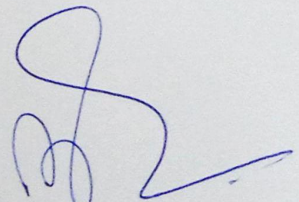
1. MECH 3181 : Fluid Power Control Lab
2. MECH 3182 : Refrigeration & Air Conditioning Lab
3. MECH 3183 : Electrical Machines Lab
4. MECH 3184 : RDBMS Lab

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S. K. Haldar
Recognized
Member

HOD 


Principal