

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### Applied Electronics & Instrumentation Engineering

#### M. Tech 2<sup>nd</sup> Year 1st Semester

SESSION: 2025-2026

| DAY | 9.00 AM                     | 10.00 AM | 11.00 AM | 12 NOON | 1.00 PM                   | 2.00 PM                     | 3.00 PM                     | 4.00 PM | 5.00 PM |
|-----|-----------------------------|----------|----------|---------|---------------------------|-----------------------------|-----------------------------|---------|---------|
|     | 10.00 AM                    | 11.00 AM | 12 NOON  | 1.00 PM | 2.00 PM                   | 3.00 PM                     | 4.00 PM                     | 5.00 PM | 6.00 PM |
| MON | Project/AEIE6295/<br>ICT101 |          |          | BREAK   | L/AEIE6134/<br>SG/ICT110  | L/AEIE6121/<br>SAM/ICT110   | Project/AEIE6295/<br>ICT101 |         |         |
| TUE | Project/AEIE6295/<br>ICT101 |          |          |         | L/AEIE6121/<br>SAM/ICT110 | Project/AEIE6295/<br>ICT101 |                             |         |         |
| WED | Project/AEIE6295/<br>ICT101 |          |          |         |                           |                             |                             |         |         |
| THU | Project/AEIE6295/<br>ICT101 |          |          |         | L/AEIE6134/<br>SG/ICT110  |                             |                             |         |         |
| FRI | Project/AEIE6295/<br>ICT101 |          |          |         |                           | L/AEIE6121/<br>SAM/ICT110   | L/AEIE6134/<br>SG/ICT110    |         |         |

To be Effective from 09.07.2025

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

  
Member

  
HOD

  
Principal

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## Faculty Details:

## TA Details:

| INITIALS | FULLNAME                   | DEPT | INITIALS | FULLNAME | DEPT |
|----------|----------------------------|------|----------|----------|------|
| SG       | Prof. (Dr.) Santanu Ghorai | AEIE |          |          |      |
| SAM      | Prof. (Dr.) Samiul Alam    |      |          |          |      |

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## COURSE STRUCTURE:

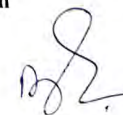
| Course Type   | Course Code | Course Name   | Contact Hrs Per Week |          |           |           | Credit Points |
|---|-------------|---|----------------------|----------|-----------|-----------|---------------|
|   |             |   | L                    | T        | P         | Total     |               |
| Prog. Specific Elective                                 | AEIE6131/   | <b>Elective-V</b><br>(1) Micro-Electromechanical System Design<br>(2) VLSI Technology<br>(3) Robotics Engineering<br>(4) Remote Sensing   | 3                    | 0        | 0         | 3         | 3             |
|   | AEIE6132/   |   |                      |          |           |           |               |
|   | AEIE6133    |   |                      |          |           |           |               |
|   | AEIE6134    |   |                      |          |           |           |               |
| Open Elective<br>(Any one subject from the course list) | AEIE6121/   | <b>Elective-VI</b><br>(1) Biosignal and Biomedical Image Processing<br>(2) Intelligent Control<br>(3) Business Analytics<br>(4) Advanced Artificial Intelligence<br>(5) Optimization Techniques | 3                    | 0        | 0         | 3         | 3             |
|   | AEIE6122/   |   |                      |          |           |           |               |
|   | CSEN6121/   |   |                      |          |           |           |               |
|   | CSEN6122/   |   |                      |          |           |           |               |
|   | MATH6121    |   |                      |          |           |           |               |
| Major Project   | AEIE6195    | Dissertation Phase I  | 0                    | 0        | 20        | 20        | 10            |
| <b>Total</b>  |             |   | <b>6</b>             | <b>0</b> | <b>20</b> | <b>26</b> | <b>16</b>     |

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