

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### Applied Electronics and Instrumentation Engineering

#### B. Tech 3rd Year 2nd Semester

**SESSION: 2024-2025**

DAY		9.00 AM – 10.00 AM	10.00 AM – 11.00 AM	11.00 AM – 12.00 Noon	12.00 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	CSEN3206/ SNS ICT008	L/AEIE3201 /DC/ICT008	AEIE3223/ ICT008/AP	<b>BREAK</b>	LAB/AEIE3295/SJB+AKB/SBJ+HP/ICT001				
	Gr. 2					SEM/AEIE3293/AMS+SKD/ICT109				
TUE	Gr.1	LAB/AEIE3251/ICT102/ DC+AMS/SJD+SMP			AEIE3231/ SAM/ICT008	<b>BREAK</b>	L/AEIE3201 /DC/ICT004	Remedial/ ICT108	INCO3016/ SG/ICT008	
	Gr. 2	LAB/CSEN3256/SNS/ KM+AR /ICTB07								
WED	Gr.1	AEIE3231/ SAM/ICT008	CSEN3206/ SNS/ ICT008	HMTS3201/ ID/ICT008	<b>BREAK</b>	SEM/AEIE3293/AMS+SAM/ICT109				
	Gr. 2					LAB/AEIE3295/DC+DMG/SBJ+HP/ICT001				
THU	Gr.1	LAB/CSEN3256/SNS/DSG +SDM/ICTB07			AEIE3223/ ICT008/AP	<b>BREAK</b>	CSEN3206/ SNS/ICT008	HMTS3201/ ID/ICT008		
	Gr. 2	LAB/AEIE3251/ICT102/ DC+AMS/BM+SJD								T2/CSEN3206 /SNS/ICT109
FRI	Gr.1	INCO3016/ AS/ICT008	HMTS3201/ ID/ICT008	L/AEIE3201 /DC/ICT008	T1/CSEN3206 /SNS/ICT008	<b>BREAK</b>	AEIE3223/ ICT004/AP	AEIE3231/ DMG/ICT004	Mentoring	
	Gr. 2									

**To be Effective from 15.01.2025**

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

**Students should target 100% attendance**

*Reshma Singhal*

Member

*M*

HOD

*[Signature]*

Principal

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B. Tech 3rd Year 2nd Semester

SESSION: 2024-2025

## Faculty Details:

## TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
SNS	Saswati Naskar	CSE	KM	Koushik Majumder	AEIE
ID	Mrs. Indrani De	HUM	SBJ	Ms. Suparna Banerjee	
SG	Sanchita Gangopadhyay		HP	Ms. Harapriya Panda	
AS	Ayushi Singh		SJD	Mr. Sujoy Kumar Das	
SJB	Dr. Surajit Bagchi	AEIE	SMP	Ms. Sampa Paul	
AP	Dr. Arabinda Kumar Pal		BM	Mr. Bibhas maikap	
SKD	Dr. Soumik Das		AR	Ankur Roy	
AKB	Dr. Anil Kumar Bag		DSG	Deblina sengupta	CSE
SAM	Dr. Samiul Alam		SDM	Sidartha Mojumdar	
AMS	Prof. Arindam Sarkar				
DMG	Prof. Damayanti Ghosh				
DC	Dr. Debjyoti Chowdury				

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### Applied Electronics and Instrumentation Engineering

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#### COURSE STRUCTURE:

3 <sup>rd</sup> Year 2 <sup>nd</sup> Semester Course Structure								
Theory								
Sl. No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Engineering Science Courses	CSEN3206	Basics of RDBMS	3	1	0	4	4
2	Humanities & Social Sciences including Management courses	HMTS3201	Economics for Engineers	3	0	0	3	3
3	Core Subject Courses	AEIE3201	Introduction to Internet of Things	3	0	0	3	3
4	Program Elective Courses - II	AEIE3231/ AEIE3232/ AEIE3233	Embedded Systems/ Opto Electronics and Fibre Optics/ Mobile Communication	3	0	0	3	3
5	Emerging Area/ Open Elective Courses-I		OE-01	3	0	0	3	3
6	Mandatory Courses	INCO3016	Indian Constitution and Civil Society	2	0	0	2	-
<b>Total Theory</b>				<b>18</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>16</b>
Laboratory								
Sl. No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Engineering Science Courses	CSEN3256	Basics of RDBMS Lab	0	0	3	3	1.5
2	Core Subject Courses	AEIE3251	Internet of Things Lab	0	0	2	2	1
<b>Total Laboratory</b>				<b>0</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>2.5</b>
Sessional								
Sl. No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Core Subject Courses	AEIE3295	Mini Project/Electronic Design Workshop	0	0	4	4	2
2	Seminar	AEIE3293	Term Paper and Seminar	0	0	4	4	2
<b>Total Sessional</b>				<b>0</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>4</b>
<b>Total of Semester</b>				<b>18</b>	<b>0</b>	<b>13</b>	<b>31</b>	<b>22.5</b>

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COURSE STRUCTURE:

## OPEN ELECTIVES BASKET I FOR AEIE B. TECH STUDENTS:

Open Electives	Semester	Paper Code	Paper Name
Open Electives I	VI	AEIE3223	Industrial Automation
		AEIE3224	Electronic Instrumentation
		ECEN3222	Designing with Processors and Controllers
		INFO3221	Introduction to E-Commerce
		CHEN3221	Water and Liquid Waste Management
		MATH3222	Advanced Probability and Information Theory

## Open Electives to be offered by Dept. of AEIE:

Open Electives	Semester	Paper Code	Paper Name
Open Electives I	VI	AEIE3221	Fundamentals of Sensors and Transducers
		AEIE3222	Fundamentals of Electronic Measurements

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*Reshma Singh*

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