

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### Applied Electronics and Instrumentation Engineering

**B. Tech 4th 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	PROJECT AEIE4295/All Faculty/ SBJ/ICT001			INFO4221/ DM/ICT406	BREAK	AEIE4233 /SG/ICT108	Mentoring		
	Gr. 2				BIOT4223/ KM/ICT211					
TUE	Gr.1	PROJECT AEIE4295/ All Faculty /BM/ICT001			AEIE4241/ AMS/ICT109	BREAK	AEIE4231 /AKB/ICT108	PROJECT AEIE4295/All Faculty /SBJ/ICT001		
	Gr. 2				AEIE4231/ AKB/ICT108					
WED	Gr.1	PROJECT AEIE4295/ All Faculty /SMP/ICT001			INFO4221/ DM/ICT406	BREAK	AEIE4233 /SG/ICT004			
	Gr. 2				BIOT4223/ KM/ ICT211		AEIE4244 /MC/IC108			
THU	Gr.1	PROJECT AEIE4295/ All Faculty /SKB/ICT001	AEIE4231 /AKB/IC108	AEIE4244/ MC/ICT108	BREAK	AEIE4233 /SG/ICT004	PROJECT AEIE4295/ All Faculty HP/ICT001			
	Gr. 2			AEIE4241/ AMS/ICT109						
FRI	Gr.1	PROJECT AEIE4295/ All Faculty/KM/ICT001	AEIE4244/ MC/ICT108	INFO4221/ UKD/ICT406	BREAK	Remedial/ ICT108	AEIE4241/ AMS/ICT108			
	Gr. 2			BIOT4223/ RC/ICT211						

**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**

*Reshmi Sengupta*

Member

*[Signature]*  
HOD

*[Signature]*  
Principal

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Applied Electronics and Instrumentation Engineering

B. Tech 4th Year 2nd Semester

SESSION: 2024-2025

Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
DM	Dipmalya Mukhopadhyay	IT	SBJ	Ms. Suparna Banerjee	AEIE
UKD	Uttam Kumar Das		HP	Ms. Harapriya Panda	
RC	Ruplekha Chatterjee	BT	BM	Mr. Bibhas maikap	
KM	Kakoli Mukherjee		SMP	Ms. Sampa Paul	
MC	Dr. Madhurima Chattopadhyay	AEIE	KM	Mr. Koushik Mazumder	
SG	Dr. Shantanu Ghorai				
AKB	Dr. Anil Kumar Bag				
AMS	Prof. Arindam Sarkar				

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COURSE STRUCTURE:

4 <sup>th</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	Program Electives Courses-IV	AEIE4231/ AEIE4232/ AEIE4233	Power plant Instrumentation/ Digital Control Techniques/ Machine Learning Techniques	3	0	0	3	3
2	Program Electives Courses-V (Applicable for 2019 admitted batches)	AEIE4241/ AEIE4242/ AEIE4243	Biomedical Instrumentation/ Digital Image Processing/ Principles of Robotics	3	0	0	3	3
	Program Electives Courses-V (Applicable for 2020, 2021 & 2022 admitted batches)	AEIE4241/ AEIE4242/ AEIE4243/ AEIE4244	Biomedical Instrumentation/ Digital Image Processing/ Principles of Robotics/ Introduction to MEMS					
3	Open Electives Courses-IV		OE-04	3	0	0	3	3
<b>Total Theory</b>				<b>9</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>
Sessional								
SL No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Grand Viva Voce	AEIE4297	Comprehensive Viva Voce	0	0	0	0	1
2	Project Stage II	AEIE4295	Project II	0	0	16	16	8
<b>Total Sessional</b>				<b>0</b>	<b>0</b>	<b>16</b>	<b>16</b>	<b>9</b>
<b>Total of Semester</b>				<b>9</b>	<b>0</b>	<b>16</b>	<b>25</b>	<b>18</b>

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## COURSE STRUCTURE:

Open Electives basket IV for AEIE B. Tech students:

Open Electives	Semester	Paper Code	Paper Name
Open Electives IV	VIII	ECEN4222	Cellular and Mobile communication
		INFO4221	Fundamentals of Cryptography
		CHEN4222	Introduction to Solar and Wind Technology
		BIOT4221	Computational Biology
		BIOT4223	Biology for Engineers
		CSEN4221	Basics of Mobile Computing

Open Electives	Semester	Paper Code	Paper Name
Open Electives IV	VIII	AEIE4221	Process Instrumentation
		AEIE4222	Medical Instrumentation

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*Reshma Sengupta*

Member

*M*  
HOD

*[Signature]*  
Principal