

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

## APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING

B. Tech 2nd Year 1st Semester

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	LAB/Gr.1/AEI2151/PPS+IN/ SBJ+HP/ICT001			BREAK	L/PHY2101/ AC/ICT008	L/AEI2101 /PPS/ICT008	LAB/Gr.1/AEI2150/MC+DC /BM+SJD/ICT102			
	GR. 2	LAB/Gr.2/AEI2153/RSG+SMC/ SJD+BM/ICT009									
TUE	GR. 1	LAB/Gr.2/AEI2153/RSG+AMS/ SJD+SKB/ICT009				L/AEI2103 /RSG/ICT008	L/AEI2101 /PPS/ICT008				
	GR. 2	LAB/Gr.2/AEI2151/PPS+IN/ SBJ+BM/ICT001						LAB/Gr.2/AEI2150/MC+DC /BM+SJD/ICT102			
WED	GR. 1	LAB/Gr.1/AEI2152/SJB+IN/HP+SKB/ICT102				L/PHY2101/ AC/ICT008	L/AEI2102 /SJB/ICT004	L/AEI2104 /RSG/ICT004	Mentoring ICT004		
	GR. 2	LAB/Gr.2/AEI2154/AKB+ RSG/SJD+BM/ICT005		<del>T2/AEI2103/ RSG/ICT108</del>							
THU	GR. 1	LAB/Gr.1/AEI2154/AKB+ RSG/SJD+BM/ICT005		<del>T1/AEI2103/ RSG/ICT108</del>		L/AEI2104 /AKB/ICT004	L/AEI2102 /SJB/ICT004	L/AEI2103 /RSG/ICT008	RL/PHY2101/ NPN/ICT004		
	GR. 2	LAB/Gr.2/AEI2152/SJB+SKD /HP+SKB/ICT102									
FRI	GR. 1	L/AEI2103 /RSG/ICT004	L/PHY2101/ NPN/ICT004	L/AEI2102 /SJB/ICT008		L/AEI2101 /PPS/ICT004	L/AEI2104 /AKB/ICT004	REMEDIAL ICT004			
	GR. 2										

To be Effective from 10<sup>th</sup> July, 2024

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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## APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING

B. Tech 2nd Year 1st Semester

SESSION: 2024-2025

### Faculty Details:

### TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
MC	Prof. (Dr.) Madhurima Chattopadhyay	AEIE	SJD	Mr. Sujoy Kr. Das	AEIE
SJB	Dr. Surajit Bagchi		HP	Ms. Harapriya Panda	
PPS	Dr. Pradip Saha		SKB	Mr. Sumit Kr. Bakshi	
RSG	Prof. Reshma Sengupta		SMP	Ms. Sampa Paul	
AKB	Dr. Anil Kumar Bag		KM	Mr. Koushik Majumder	
DC	Dr. Debjyoti Chowdhury		BM	Mr. Bibhas Maikap	
IN	Prof. Indrajit Naskar		SBJ	Ms. Suparna Banerjee	
SKD	Dr. Soumik Das				
DMG	Prof. Damayanti Ghosh				
SMC	Dr. Samik Chakraborty				
AMS	Prof. Arindam Sarkar				
NPN	Prof. (Dr.) N. P. Nayak	Physics			
AC	Prof. (Dr.) Arindam Chakraborty				

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**APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING**  
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**COURSE STRUCTURE:**

A. Theory								
Sl. No.	Category	Course Code	Course Name	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Basic Science Course	PHY2101	Physics II	3	0	0	3	3
2	Program Core Course	AEI2101	Analog Electronics	3	0	0	3	3
3	Program Core Course	AEI2102	Circuit Theory & Network Analysis	3	0	0	3	3
4	Program Core Course	AEI2103	Electrical & Electronic Measurements	3	0	0	3	3
5	Program Core Course	AEI2104	Sensors and Transducers	3	0	0	3	3
<b>Total Theory</b>				<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>15</b>
B. Practical								
Sl. No.	Category	Course Code	Course Name	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Program Core Course	AEI2150	Design Thinking & Idea Lab Workshop	0	0	2	2	1
2	Program Core Course	AEI2151	Analog Electronics Lab	0	0	3	3	1.5
3	Program Core Course	AEI2152	Circuits & Networks Lab	0	0	3	3	1.5
4	Program Core Course	AEI2153	Electrical & Electronic Measurements Lab	0	0	3	3	1.5
5	Program Core Course	AEI2154	Sensors and Transducers Lab	0	0	2	2	1
<b>Total Practical</b>				<b>0</b>	<b>0</b>	<b>12</b>	<b>12</b>	<b>6.5</b>
<b>Total of Semester</b>				<b>15</b>	<b>0</b>	<b>12</b>	<b>27</b>	<b>21.5</b>

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