

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

## APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING

B. Tech 3rd 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	L/AEIE3101 /AKB/ICT008	L/AEIE3103 /SAM/ICT008	BREAK	L/AEIE3102/ AMS/ICT008	LAB/Gr.1/AEIE3153/SAM+ DMG/SBJ+SMP/ICT002					
	GR. 2					LAB/Gr.2/AEIE3152/AMS+ SKD/SKB+HP/ICT102					
TUE	GR. 1	L/AEIE3103 /SAM/ICT008	L/AEIE3104 /SMC/ICT008		L/AEIE3131 /SKD/ICT108	LAB/Gr.1/AEIE3151/AKB+AP /HP+SBJ/ICT103					
	GR. 2					L/AEIE3132 /IN/ICT109	LAB/Gr.2/AEIE3153/SAM+ DMG/SMP+KM/ICT002				
WED	GR. 1	L/AEIE3104 /SMC/ICT008	L/AEIE3103 /SAM/ICT008	L/AEIE3102 /AMS/ICT008	BREAK	L/AEIE3101 /AKB/ICT105	L/AEIE3131 /SKD/ICT108				
	GR. 2						L/AEIE3132 /IN/ICT109				
THU	GR. 1	L/AEIE3102 /AMS/ICT008	L/AEIE3101 /AP/ICT008	L/AEIE3103 /SAM/ICT008		L/AEIE3104 /SMC/ICT008	L/AEIE3131 /SKD/ICT108	L/AEIE3132 /IN/ICT109			
	GR. 2										
FRI	GR. 1	LAB/Gr.1/AEIE3152/ AMS+SKD/SKB+SBJ/ICT102				L/AEIE3101 /AP/ICT008	Mentoring ICT109	REMEDIAL ICT008			
	GR. 2	LAB/Gr.2/AEIE3151/AKB+AP /HP+SMP/ICT103									

To be Effective from 18<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 3rd Year 1st Semester **SESSION: 2024-2025**

**Faculty Details:**

**TA Details:**

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
AP	Dr. Arabinda Kumar Pal	AEIE	SJD	Mr. Sujoy Kr. Das	AEIE
AKB	Dr. Anil Kumar Bag		HP	Ms. Harapriya Panda	
IN	Prof. Indrajit Naskar		SKB	Mr. Sumit Kr. Bakshi	
SKD	Dr. Soumik Das		SMP	Ms. Sampa Paul	
SAM	Dr. Samiul Alam		KM	Mr. Koushik Majumder	
SMC	Dr. Samik Chakraborty		BM	Mr. Bibhas Maikap	
AMS	Prof. Arindam Sarkar		SBJ	Ms. Suparna Banerjee	
DMG	Prof. Damayanti Ghosh				

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**COURSE STRUCTURE:**

<b>3<sup>rd</sup> Year 1<sup>st</sup> Semester Course Structure</b>								
<b>Theory</b>								
Sl. No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Core Subject Courses	AEIE3101	Process Control	4	0	0	4	4
2	Core Subject Courses	AEIE3102	Power Electronics & Drives	3	0	0	3	3
3	Core Subject Courses	AEIE3103	Microprocessors & Microcontrollers	4	0	0	4	4
4	Core Subject Courses	AEIE3104	Fundamentals of Digital Signal Processing	3	0	0	3	3
5	Program Electives Courses - I	AEIE3131/ AEIE3132/ AEIE3133	Communication Techniques/ Non Conventional Energy Sources / Advanced Sensors	3	0	0	3	3
<b>Total Theory</b>				<b>17</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>17</b>
<b>Laboratory</b>								
Sl. No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Core Subject Courses	AEIE3151	Process Control Lab	0	0	3	3	1.5
2	Core Subject Courses	AEIE3152	Power Electronics & Drives Lab	0	0	2	2	1
3	Core Subject Courses	AEIE3153	Microprocessors & Microcontrollers Lab	0	0	2	2	1
<b>Total Laboratory</b>				<b>0</b>	<b>0</b>	<b>7</b>	<b>7</b>	<b>3.5</b>
<b>Total of Semester without Honours Course</b>				<b>17</b>	<b>0</b>	<b>7</b>	<b>24</b>	<b>20.5</b>

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