

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

<Applied Electronics and Instrumentation Engineering>

B.Tech 4<sup>th</sup> Year 2nd Semester

SESSION: 2023-2024

DAY	GROUP	9 AM – 10 AM	10 AM – 11 AM	11 AM – 12 PM	12 PM – 1 PM	1 PM – 2 PM	2 PM – 3 PM	3 PM – 4 PM	4 PM – 5 PM	5 PM – 6 PM
MON	GR. 1	PROJECT AEIE 4295 ICT001 All Faculty/KM+BM			INFO 4221/ DPM/ ICT404	BREAK	AEIE4233/ SG/ICT004	Remedial Class/ ICT108		
	GR. 2				BREAK	BIOT4223/ KM/ICT004				
TUE	GR. 1	PROJECT AEIE 4295 ICT001 All Faculty/SBJ+SKB			AEIE4241/ AMS/ICT004	BREAK	AEIE4231/ AKB/ICT004	PROJECT AEIE 4295 ICT001 All Faculty/HP		
	GR. 2				AEIE4242/ SMC/ICT108					
WED	GR. 1	PROJECT AEIE 4295 ICT001 All Faculty/HP+SBJ			INFO4221/ DPM/ICT404	BREAK	AEIE4233/ SG/ICT004	MENTORING/ ICT004		
	GR. 2				BREAK	BIOT4223/ RC/ICT211	AEIE4231/ AKB/ICT108			
THU	GR. 1	PROJECT AEIE 4295 ICT001 All Faculty/ SKB			AEIE4241/ AMS/ICT004	BREAK	LIBRARY	AEIE4233/ SG/ICT004	PROJECT AEIE 4295 ICT001 All Faculty/ SKB+KM	
	GR. 2			AEIE4231 AKB/ICT108	AEIE4242/ SMC/ICT108					
FRI	GR. 1	PROJECT AEIE 4295 ICT001 All Faculty/ SMP+HP			INFO 4221 /DPM/ ICT404	BREAK	AEIE4241/ AMS/ICT004			
	GR. 2			AEIE4242/ SMC/ICT108	BREAK	BIOT4223/ KM/ICT008				

**To be Effective from 15th January, 2024**

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

**Students should target 100% attendance**

*Anindam Sarkar*  
*Samayanti Ghosh*

**Member**

  
**HOD**

  
**Principal**

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## Faculty Details:

## TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
SG	Prof.(Dr.) Santanu Ghorai	AEIE	SKB	Mr. Sumit Kumar Bakshi	AEIE
AKB	Prof. (Dr.) Anil Kumar Bag		HP	Ms. Harapriya Panda	
SMC	Prof. (Dr.) Samik Chakraborty		SBJ	Ms. Suparna Banerjee	
AMS	Prof. Arindam Sarkar		SMP	Ms. Sampa Maity (Paul)	
			SJD	Mr. Sujoy Kumar Das	
RC	Prof. (Dr.) Ruplekha Chatterjee	BT	KM	Mr. Koushik Mazumder	
KM	Prof. (Dr.) Kakali Mukhopadhyay		BM	Mr. Bibhas Maikap	
DPM	Prof. Deepmalya Mukhopadhyay	IT			

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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	AEIE4241/ AEIE4242/ AEIE4243	Biomedical Instrumentation/ Digital Image Processing/ Principles of Robotics	3	0	0	3	3
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 I	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>

### 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

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