HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

\<Applied Electronics and Instrumentation Engineering\>

M.Tech 1st Year 2nd Semester   **SESSION: 2023-2024**

DAY	GROUP	9 AM – 10 AM	10 AM – 11 AM	11 AM – 12 PM	12PM – 1 PM	1 PM –2PM	2PM – 3 PM	3 PM – 4 PM	4 PM – 5 PM	5 PM – 6PM
MON	GR. 1		AEIE5241 SG/ICT110	AEIE5243 DC/ICT 110	BREAK	AEIE5231 MC/ICT110	AEIE5231 MC/ICT110			
	GR. 2									
TUE	GR. 1	AEIE5202 AP/ICT 110	AEIE5202 AP/ICT 110	LIBRARY	BREAK	S/AEIE5293/MC+SJB/ICT110				
	GR. 2									
WED	GR. 1	AEIE5201/ SAM/ICT110	AEIE5241 SG/ICT110	AEIE5243 DC/ICT 110	BREAK	LAB/AEIE5252 AP+SAM/SMP/ICT101				
	GR. 2									
THU	GR. 1		AEIE5202 AP/ICT 110	AEIE5231 MC/ICT110	BREAK	AEIE5201/ SAM/ICT110	AEIE5201/ SAM/ICT110			
	GR. 2									
FRI	GR. 1	AEIE5241 SG/ICT110	AEIE5243 DC/ICT 110	LIBRARY	BREAK	LAB/AEIE5251/SAM/ SJD/ICT101				
	GR. 2									

To be Effective from 7th February, 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>
M.Tech 1st Year 2nd Semester   **SESSION: 2023-2024**

Faculty Details: **TA Details:**

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
MC	Prof. (Dr.) Madhurima Chattopadhyay		SJD	Mr. Sujoy Kumar Das	
SG	Prof. (Dr.) Shantanu Ghorai		SMP	Ms. Sampa Maity (Paul)	AEIE
AP	Prof.(Dr.) Arabinda Kumar Pal	AEIE			
SAM	Prof.(Dr.) Samiul Alam				
DC	Prof. (Dr.) Debjyoti Chowdhury				
SJB	Prof. (Dr.) Surajit Bagchi				

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M.Tech 1st Year 2nd Semester   **SESSION: 2023-2024**

COURSE STRUCTURE:

M. Tech. in Applied Electronics and Instrumentation Engineering (AEIE)
Course Structure

1st Year 2nd Semester Syllabus:

Course Type	Course Code	Course Name	Contact Hrs Per Week				Credit Points
			L	T	P	Total	
Core 3	AEIE5201	Embedded Systems	3	0	0	3	3
Core 4	AEIE5202	Process Control System Design	3	0	0	3	3
Prog. Specific Elective	AEIE5231/ AEIE5232/ AEIE5233/	Elective-III (1) Micro Sensor Science and Technology (2) Advanced Power Electronics (3) Instrumental Methods of Analysis	3	0	0	3	3
Prog. Specific Elective	AEIE5241/ AEIE5242/ AEIE5243/	Elective-IV (1) Digital Image Processing (2) Statistical and Bio-signal Processing (3) Industrial Internet of Things	3	0	0	3	3
LAB	AEIE5251	Embedded Systems LAB	0	0	4	4	2
	AEIE5252	Process Control System Design LAB	0	0	4	4	2
	AEIE5293	Term Paper and Seminar	0	0	4	4	2
Aud 2		Audit course 2: Any one subject from Elective III or Elective IV	2	0	0	2	0
		Total	16	0	8	26	18

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Arindam Sarkar
Damayanti Ghosh
Member

HOD

Principal