

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING

B. Tech 4th Year 1st Semester

Session 2021 – 2022

DAY	9.00 AM – 9.50 AM	9.55 AM – 10.45 AM	10.50 AM – 11.40 AM	11.45 AM – 12.25 PM	12.25 PM – 1.15 PM	1.20 PM – 2.10 PM	2.15 PM – 3.05 PM	3.10 PM – 4.00 PM	4.05 PM – 4.55 PM	5.00 PM – 5.50 PM	
MON	L/AEIE4132 /AP	L/AEIE4131 /AKB	L/HMSTS410 1/GF1	BREAK	L/BIOT4124/SDE L/CSEN4121/AG L/INFO4121/UKD	L/CHEN4126/SB L/CSEN4126/TC L/ECEN4127/AC L/MATH4126/VB L/MECH4130/BP					
TUE	Remedial	L/HMSTS410 1/GF1	L/AEIE4111 /MC		AEIE4195/All Faculty/KM+SMP			L/AEIE4132 /AP			
WED	AEIE4195/All Faculty/SKB+KM				L/BIOT4124/SHD L/CSEN4121/AG L/INFO4121/UKD	L/CHEN4126/SWB L/CSEN4126/TC L/ECEN4127/AC L/MATH4126/SC L/MECH4130/BP	L/AEIE4131 /AKB				
THU	AEIE4195/All Faculty/HP+SBJ					L/AEIE4111/MC	L/AEIE4111 /MC				
FRI	L/AEIE4131 /AKB L/AEIE4132 /AP	L/AEIE4111 /MC	L/HMSTS410 1/GF1		L/BIOT4124/SHD L/CSEN4121/AG L/INFO4121/DPM	L/CHEN4126/SWB L/CSEN4126/TC L/ECEN4127/AC L/MATH4126/SC L/MECH4130/BP					

To be Effective from 1st October 2021

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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B.Tech 4th Year 1st Semester

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INITIAL	FULLNAME	DEPARTMENT	
MC	Prof.(Dr.) Madhurima Chattopadhyay	Applied Electronics & Instrumentation Engineering	
AP	Dr.Arabinda Kumar Pal		
AKB	Dr.Anil Kr Bag		
DC	Debjyoti Chowdhury		
SJD	Sujoy Kr. Das		
SKB	Sumit Kr. Bakshi		
HP	Harapriya Panda		
SMP	Sampa Paul		
BM	Bibhas Maikap		
KM	Koushik Mazumder		
SBJ	Suparna Banerjee		
SC	Prof. Dr. Sandip Chatterjee		Mathematics
VB	Prof. Venu Bihani		
GF1	Guest Faculty	Humanities	
SDE	Prof. Sudipta Dey Bandyopadhyay	Bio Technology	
SHD	Prof. Sonali Hazra Das		
UKD	Prof. Uttam Kumar Dash	Information Technology	
DPM	Prof. Deep Malya Mukhopadhyay		
SWB	Prof. (Dr.) Swami Vedajnananda	Chemical	
SB	Prof. (Dr.) Sangita Bhattacharjee		
BP	Prof. Bankim Pattanayak	Mechanical	
AC	Prof. Ananya Chattopadhyay	Electronics and Communication Engineering	

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Course Structure:

4th Year 1st Semester Course Structure								
Theory								
Sl. No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Humanities & Social Sciences including Management courses	HMTS4101	Principles of Management	3	0	0	3	3
2	Program Electives Courses - III	AEIE4131/ AEIE4132/ AEIE4133	Analytical Instrumentation/ Soft Computing/ Non Destructive Testing	3	0	0	3	3
3	Open Electives Courses - II		OE-02	3	0	0	3	3
4	Open Electives Courses -III		OE-03	3	0	0	3	3
Total Theory				12	0	0	12	12
Sessional								
Sl. No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Industrial Training	AEIE4191	Industrial Training Evaluation	0	0	0	0	2
2	Project Stage I	AEIE4195	Project I	0	0	8	8	4
Total Sessional				0	0	8	8	6
Total of Semester without Honours Course				12	0	8	20	18
Honours								
Sl. No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Honours	AEIE4111	Introduction to MEMS	4	0	0	4	4
Total of Semester with Honours Course				21	2	13	28	22

Open Electives basket II & basket III for AEIE B. Tech students:

Open Electives	Semester	Paper Code	Paper Name
Open Electives II	VII	ECEN4121	Software Defined Radio
		ECEN4123	Error Control Coding for Secure Data Transmission
		BIOT4124	Biosensor
		CSEN4121	Fundamentals of Operating Systems
Open Electives III	VII	MATH4121	Methods in Optimization
		ECEN4125	Ad Hoc Wireless Networks
		INFO4121	Fundamentals of Cloud Computing
		CHEN4123	Industrial Total Quality Management
		MATH4122	Advanced Linear Algebra
		CSEN4126	Intelligent Web and Big Data

Open Electives to be offered by Dept. of AEIE:

Open Electives	Semester	Paper Code	Paper Name
Open Electives II	VII	AEIE4121	Instrumentation and Telemetry
		AEIE4122	Linear Control Systems and Applications
Open Electives III	VII	AEIE4126	Optical Instrumentation
		AEIE4127	Introduction to Embedded Systems

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