

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING
M. Tech 2nd Year 1st Semester **SESSION: 2024-2025**

DAY	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	Project/AEIE6295/ ICT101			BREAK	L/AEIE6121/ SMC/ICT110	L/AEIE6134/ SG/ICT110	Project/AEIE6295/ ICT101		
TUE	Project/AEIE6295/ ICT101				Project/AEIE6295/ ICT101				
WED	Project/AEIE6295/ ICT101				L/AEIE6134/ SG/ICT110	L/AEIE6121/ SMC/ICT110			
THU	Project/AEIE6295/ ICT101				Project/AEIE6295/ ICT101				
FRI	Project/AEIE6295/ ICT101				L/AEIE6121/ SAM/ICT110	L/AEIE6134/ SG/ICT110			

To be Effective from 10th 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

HERITAGE INSTITUTE OF TECHNOLOGY
 TIME TABLE
APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING
M. Tech 2nd Year 1st Semester **SESSION: 2024-2025**

Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
SG	Prof. (Dr.) Santanu Ghorai	AEIE			
SAM	Dr. Samiul Alam				
SMC	Dr. Samik Chakraborty				

To be Effective from 10th 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

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING
M. Tech 2nd Year 1st Semester **SESSION: 2024-2025**

COURSE STRUCTURE:

2nd Year 1st Semester Syllabus:

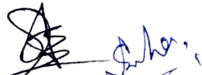
Course Type	Course Code	Course Name	Contact Hrs Per Week				Credit Points
			L	T	P	Total	
Prog. Specific Elective	AEIE6131/	Elective-V (1) Micro-Electromechanical System Design (2) VLSI Technology (3) Robotics Engineering (4) Remote Sensing	3	0	0	3	3
	AEIE6132/						
	AEIE6133						
	AEIE6134						
Open Elective* (Any one subject from the course list)	AEIE6121/	Elective-VI (1) Biosignal and Biomedical Image Processing (2) Intelligent Control (3) Business Analytics (4) Advanced Artificial Intelligence (5) Optimization Techniques	3	0	0	3	3
	AEIE6122/						
	CSEN6121/						
	CSEN6122/						
	MATH6121						
Major Project	AEIE6195	Dissertation Phase I	0	0	20	20	10
Total			6	0	20	26	16

2nd Year 2nd Semester Syllabus:


Course Type	Course Code	Course Name	Contact Hrs Per Week				Credit Points
			L	T	P	Total	
Major Project	AEIE6295	Dissertation Phase II	-	-	28	28	14
	AEIE6297	Comprehensive Viva-Voce	-	-	-	-	2
Total			-	-	28	28	16

Total Course Credit = 68

To be Effective from 10th 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

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
<BT DEPARTMENT >

M. Tech 2nd Year 1st Semester

SESSION: 2024-25

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	BIOT6195 PROJECT CB/AM/MS/CD/S S/SM CB406, CB415, CB413, CB308, CB306, CB408	L/BIOT6121 SMB CB311	L/BIOT6133 TKG CB401	BREAK	R/BIOT6131/ SDE CB310	L/BIOT6131 BC CB311	BIOT6195/ PROJECT SM/CD CB408, CB308	LIBRARY	
	L/BIOT6132/ RC CB311									
TUE	GR 1	BIOT6195 PROJECT CB/SM CB406, CB408	L/BIOT6132 PC CB311	L/BIOT6131 SDE CB311	BREAK	LIBRARY	R/BIOT6133 TKG CB311	BIOT6195/PROJECT CD/MS/SS CB308, CB413, CB306	LIBRARY	
	GR 2									
WED	GR 1	BIOT6195/PROJECT CB/AM/SM/MS/CD/SS CB406, CB415, CB408, CB413, CB308, CB306	L/BIOT6121 RG CB311	L/BIOT6133/ TKG CB311	BREAK	BIOT6195/PROJECT CB/AM/SM CB406, CB415, CB408	MENTORING			
	GR 2									
THU	GR 1	PROJECT BIOT6195 SM/SS/MB/CB CB408, CB306, CB611, CB406	BIOT6121 SB CB311	L/BIOT6121 SMB CB311	BREAK	R/BIOT6131 BC CB311	BIOT6195/PROJECT AM/MS CB415, CB413			
	GR 2									
FRI	GR 1	L/BIOT6132 RG CB311	BIOT6195/PROJECT CB/AM/MS/CD/SS CB406, CB415, CB413, CB308, CB306	L/BIOT6133/ TKG CB310	R/BIOT6132/ RC CB311	BREAK	BIOT6195/ PROJECT MS CB 413			
	GR 2									

To be Effective from 10.07.2024

A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination.
Students should target 100% attendance

Akama Sdy
Member

S. Ram
HOD

[Signature]
Principal

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
<BT DEPARTMENT >

M. Tech 2nd Year 1st Semester

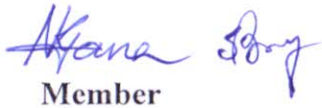
SESSION: 2024-25

Faculty:			TA:		
INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
TKG	Prof. (Dr.) Tapan Kumar Ghosh	BT	CB	Mr. Chayan Banerjee	BT
RG	Prof. (Dr.) Riddhi Goswami	BT	AM	Dr. Abhisek Mukherjee	BT
SMB	Prof. (Dr.) Soma Banerjee	BT	SS	Dr. (Mrs.) Subhashree Sengupta	BT
RC	Prof. (Dr.) Ruplekha Chatterjee	BT	CD	Mrs. Chandralekha Dasgupta	BT
SDE	Prof. (Dr.) Sudipta Dey Bandyopadhyay	BT	SM	Mrs. Sarmistha Mukherjee	BT
BC	Prof. (Dr.) Bhaswati Chakraborty	BT	MS	Mrs. Munmun Sen	BT
PC	Prof. Plaban Chowdhuri	BT	DM	Mr. Dipankar Manna	BT
SB	Prof. Samarpita Bhattacharya	MATH	MB	Mr. Mainak Bhattacharya	BT

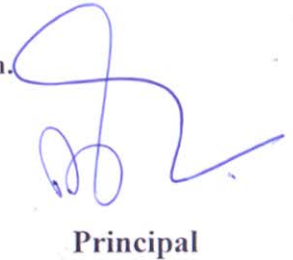
To be Effective from 10.07.2024

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

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
<BT DEPARTMENT >

M. Tech 2nd Year 1st Semester

SESSION: 2024-25

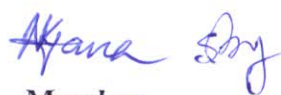
COURSE STRUCTURE:

2nd yr 1st semester


Course Code	Field	Course Title	Scheme of studies per week			Credits
			L	T	P	
A			Theory			
BIOT6131	Prof. Elective 5	Modelling and Simulation in Bioprocess	3	0	0	3
BIOT6132		Biopharmaceuticals				
BIOT6133		Downstream Processing				
BIOT6121	Open Elective*	Engineering Mathematics and Biostatistics	3	0	0	3
AEIE6122		Intelligent Control				
CSEN6121		Business Analytics				
MATH6121		Optimization Techniques				
REEN6122		Safety and Hazards in Energy Industry				
Total Theory			6	0	0	6
B			Sessional			
BIOT6195	Project	Dissertation-I /Industrial Project	0	0	20	10
Total Sessional			0	0	20	10
SEMESTER TOTAL			0	0	20	16

To be Effective from 10.07.2024

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

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

M. 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	REEN 6195			BREAK	REEN 6195				
	GR. 2									
TUE	GR. 1	REEN 6195			BREAK	REEN 6195				
	GR. 2									
WED	GR. 1		L/REEN 6122/PB/CB 321	REEN 6142/AG/CB 321	BREAK	REMEDIAL, CB 319	REEN 6195			
	GR. 2									
THU	GR. 1		L/REEN 6122/PB/CB 321	REEN 6142/SK/CB321	BREAK	L/REEN 6122/PB/C 321	LIBRARY			
	GR. 2									
FRI	GR. 1	REEN 6142/AG/CB 319	REEN 6195		BREAK	REEN 6195				
	GR. 2									

To be Effective from 10th July, 2024

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

Students should target 100% attendance

Dwaipayan Swami Kedarjnananda
Member

Abhyuday Mallick
(CDE)
HOD


Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

M. Tech 2nd Year 1st Semester

SESSION: 2024-2025

Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
PB	Prof. (Dr.) Pinaki Bhattacharya	CHE			
AG	Prof. (Dr.) Avijit Ghosh	CHE			
SK	Prof. Shraboni Kundu	Guest Faculty			

To be Effective from 10th July, 2024

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

Students should target 100% attendance

Abhynday Mallick
(DC)

HOD

Principal

Dwaipayan Sistani
Sec Member

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

M. Tech 2nd Year 1st Semester

SESSION: 2024-2025

COURSE STRUCTURE:

2 nd Year 1 st Semester (Semester 3)							
THEORY							
Sl. No	Code	Course Title	L	T	P	H	Credit
01	REEN 6141-6143	Professional Elective V	3	0	0	3	3
02	REEN 6121	Composite Materials	3	0	0	3	3
	REEN 6122	Safety and Hazards in Energy Industry					
	BIOT 6121	Engineering Mathematics and Biostatistics					
	CSEN 6121	Business Analytics					
Total Theory							6
LABORATORY/SESSIONAL							
Sl. No	Code	Course Title	L	T	P	H	Credit
01	REEN 6195	Dissertation / Industrial Project – Phase I	0	0	20	20	10
Total Practical							10
Semester Total							16

Professional Elective V	REEN 6141	REEN 6142	REEN 6143
Subject name	Energy Management	Renewable Energy Policy and Regulation	Environment Impact Assessment

Open Elective – I	
REEN 6121	Composite Materials
REEN 6122	Safety and Hazards in Energy Industry
BIOT 6121	Engineering Mathematics and Biostatistics
CSEN 6121	Business Analytics

To be Effective from 10th July, 2024

A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination
Students should target 100% attendance

Pradyuman Swami Vedajnananda
Member

Abhyuday Mallick
HOD (CPE)

[Signature]
Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<ECE >

M. Tech 2nd Year 1st Semester

SESSION: 2024-2025

DAY		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	MENTORING/ICT613	L/OE/MAT H6121//MS/ICT615	PROJECT/ECEN6195/ICT601		BREAK	PROJECT/ECEN6195/ICT601			
	Gr. 2									
TUE	Gr.1	LIBRARY	L/OE/MAT H6121//DC/ICT615	PROJECT/ECEN6195/ICT601		BREAK	PROJECT/ECEN6195/ICT601			
	Gr. 2									
WED	Gr.1	L//PE5/EC EN6132/SSB/ICT613	PROJECT/ECEN6195/ICT601		BREAK	PROJECT/ECEN6195/ICT601				
	Gr. 2									
THU	Gr.1	PROJECT/ECEN6195/ICT601		L/OE/MAT H6121//MS/ICT615	BREAK	L/PE5/ECE N6132/SSB/ICT613	PROJECT/ECEN6195/ICT601			
	Gr. 2									
FRI	Gr.1	L//PE5/EC EN6132/SSB/ICT613	LIBRARY		BREAK	PROJECT/ECEN6195/ICT601				
	Gr. 2									

To be Effective from 10.07.2024

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

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<ECE >

M. Tech 2nd Year 1st Semester

SESSION: 2024-2025

Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
SSB	Prof. (Dr.) Shib Sankar Bhowmick	ECE			
MS	Prof. Moulipriya Sarkar	MATH			
DC	Prof. (Dr.) Dipankar Chakraborty	MATH			



Member

To be Effective from 10.07.2024
A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination.
Students should target 100% attendance



HOD



Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<ECE >

M. Tech 2nd Year 1st Semester

SESSION: 2024-2025

COURSE STRUCTURE:

2nd Year, Semester I

A. Theory								
Sl No	Course Type	Code	Course Title	Contact Hrs/Week				Credits
				L	T	P	Total	
1	Professional Elective V (Prog. Specific Professional Elective)	ECEN6131	Remote Sensing and applications	3	0	0	3	3
		ECEN6132	Internet of Things (IoT) and applications					
		ECEN6133	MMO Systems					
2	Open Elective	MATH6121	Optimization Techniques	3	0	0	3	3
		CSEN6121	Business Analytics					
		ECEN 6125	Design and Technology for Photonic Integrated Circuit					
		AEIE6123	Intelligent Control					
Total of Theory				6	0	0	6	6

B. Sessional								
1	Dissertation	ECEN6195	Dissertation Phase I	0	0	20	20	10
Total of Semester				6	0	20	26	16

To be Effective from 10.07.2024

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

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE <ECE (VLSI)>

M. Tech 2nd Year 1st Semester

SESSION: 2024-2025

DAY		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	MENTORING/ICT615	L/OE/MAT H6121/MS/ICT615	PROJECT/VLSI6195/ICT60		BREAK	L/PE5/VLS I6132/KM/ICT615			
	Gr. 2									
TUE	Gr.1	LIBRARY	L/OE/MAT H6121/DC/ICT615	LIBRARY	BREAK	L/PE5/VLS I6132/KM/ICT615	PROJECT/VLSI6195/ICT602			
	Gr. 2									
WED	Gr.1	PROJECT/VLSI6195/ICT602			BREAK	PROJECT/VLSI6195/ICT602				
	Gr. 2									
THU	Gr.1	PROJECT/VLSI6195/ICT602		L/OE/MAT H6121/MS/ICT61	BREAK	PROJECT/VLSI6195/ICT602				
	Gr. 2									
FRI	Gr.1	LIBRARY	L/PE5/VLS I6132/KM/ICT615	MENTORING/ICT615	BREAK	PROJECT/VLSI6195/ICT602				
	Gr. 2									

To be Effective from 10.07.2024

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



HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE
<ECE (VLSI)>

M. Tech 2nd Year 1st Semester

SESSION: 2024-2025

Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
KM	Prof. (Dr.) Kasturi Mukherjee	ECE			
MS	Prof. Moulipriya Sarkar	MATH			
DC	Prof. (Dr.) Dipankar Chakraborty	MATH			

COURSE STRUCTURE:

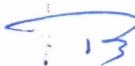
To be Effective from 10.07.2024

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



HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE
<ECE (VLSI)>

M. Tech 2nd Year 1st Semester

SESSION: 2024-2025

2nd. Year, Semester I

A. Theory								
Sl. No.	Course Type	Code	Course Title	Contact Hours/Week				Credits
				L	T	P	Total	
1	Professional Elective PE-5	VLSI6131	Nano materials and Nano Technology	3	0	0	3	3
		VLSI6132	RF IC Design and MEMS					
2	Open Elective	MATH6121	Optimization Techniques	3	0	0	3	3
		CSEN6121	Business Analytics					
		ECEN 6125	Design and Technology for Photonic Integrated Circuit					
		AEIE6123	Intelligent Control					
Total of Theory				6	0	0	6	6


B. Sessional								
1	Dissertation	VLSI6195	Dissertation Phase I	0	0	20	20	10
Total of Semester				6	0	20	26	16

To be Effective from 10.07.2024

**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