

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<EE >

B. Tech 2nd Year 1st Semester

SESSION: 2023-2024

DAY		9.00 AM – 9.55 AM	9.55 AM – 10.50 AM	10.50 AM – 11.45 AM	11.45 AM – 12.25 PM	12.25 PM – 1.20 PM	1.20 PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05 PM – 5.00 PM	5.00 PM – 5.55 PM
MON	Gr.1	LAB/ ELEC2151 Gr1 / CME507/BR/SK+RDC		L/ELEC2101 CME417/ NBR	B	L/ELEC2103 CME416/ED	L/ELEC2101 CME416/BR	MENTORING/ CME 410	REMEDIAL CLASS/ CME416		
	Gr. 2	LAB/ELEC2152 Gr2/ CME414/ SBS / TDK+BM									
TUE	Gr.1	L/MECH2106 CME416/ RB	L/ELEC2102 CME416/JS	T1/ELEC2101 CME416/BR	R	L/ELEC2102 CME315/SBS	L/BIOT2105 CME315 / SHD				
	Gr. 2										
WED	Gr.1	LAB/ELEC2152 Gr1/ CME414/ JS / BM+TDK		L/ELEC2101 CME417/SS	E	L/HMTS2001 CME416/ MDC	L/ELEC2103 CME416/ ED	L/MECH2106 CME416 / MB			
	Gr. 2	LAB/ELEC2153 Gr2/ CME406/ ED / RDC+AS									
THU	Gr.1	L/HMTS2001 CME416/ KM	L/ELEC2102 CME416 / JS	L/ELEC2102 CME416 /SBS	A		Library				
	Gr. 2					T2/ELEC2101 CME410/ BR					
FRI	Gr.1	LAB/ELEC2153 Gr1 / CME406/ NC/AS+TDK		Library	K	L/ELEC2103 CME416/ NC	L/MECH2106 CME416/ MB	L/BIOT2105 CME416/ PC	L/HMTS2001 CME416/ KM		
	Gr. 2	LAB/ELEC2151 Gr2 / CME507/ BR /RDC+ SK									

To be Effective from 17.07.2023

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

Member

Shetty

HOD

[Signature]

Principal

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B. Tech 2nd Year 1st Semester

SESSION: 2023-2024

Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
BR	Prof. Bidisha Roy	EE	RDC	Rupali Dey Chatterjee	EE
NBR	Prof. Dr. Nabamita Banerjee Roy	EE	TDK	Tapasi Das Kundu	EE
SS	Prof.Sarmistha Sinha	EE	AS	Asmita Saha	EE
JS	Prof. Jayita Sarkar	EE	SK	Santa Koley	EE
SBS	Prof. Suvobrata Sil	EE	BM	Biswajyoti Mukherjee	EE
ED	Prof. Emily Datta	EE			
NC	Prof. Nabanita Chatterjee	EE			
PC	Prof. Plaban Chauduri	BT			
SHD	Prof. Sonali Hazara Das	BT			
MDC	Dr. Madhumita Chanda	Humanities			
KM	Ms. Koyel Mallick	Humanities			
RB	Prof. Ranojit Banerjee	ME			
MB	Prof. Manik Barman	ME			

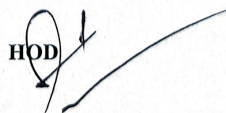
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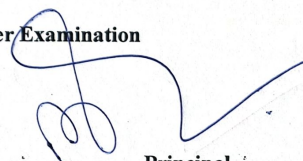
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B. Tech 2nd Year 1st Semester

SESSION: 2023-2024

COURSE STRUCTURE:

2nd Year 1st Semester Course Structure

Theory:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	ELEC2101	Circuit Theory	3	1	0	4	4
2.	ELEC2102	Analog & Digital Electronics	4	0	0	4	4
3.	ELEC2103	Electrical & Electronic Measurement	3	0	0	3	3
4.	MECH2106	Mechanics for Engineers	3	0	0	3	3
5.	HMTS2001	Human Values and Professional Ethics	3	0	0	3	3
6.	BIOT2105	Biology	2	0	0	2	2
Total Theory			18	1	0	19	19

Practical/Sessional:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	ELEC2151	Circuit Theory Lab	0	0	2	2	1
2.	ELEC2152	Analog & Digital Electronics Lab	0	0	2	2	1
3.	ELEC2153	Electrical & Electronic Measurement Lab	0	0	2	2	1
Total Laboratory			0	0	6	6	3
TOTAL OF SEMESTER						25	22

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B. Tech 3rd Year 1st Semester

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MON	Gr.1	L/ELEC3103 CME416 / AK	L/ELEC3104 CME416 / RB	L/ELEC3102 CME416/ SS	B	LAB/ELEC3154 Gr1 /CME414/ RB / TDK+TH		T1/ELEC3102 CME417 / SM	REMEDIAL CLASS/ CME417		
	Gr. 2					LAB/ELEC3152 Gr2/ CME506/ SS /SBH+BM					
TUE	Gr.1	LAB/ELEC3153 Gr1 / CME507/SD / SK+AS		L/ELEC3104 CME417 / RB	R	L/ELEC3141 CME416 / SD	T1/ELEC3103 CME416 / AK	L/ELEC3101 CME416/ AH	L/INCO3016 CME416/ SG		
	Gr. 2	LAB/ELEC3151 Gr2 / CME514/AH / TH+BM									
WED	Gr.1	L/ELEC3101 CME416 / SCD	L/ELEC3141 CME416 / SD	L/ELEC3102 CME416 / SM	E	LAB/ELEC3152 Gr1/CME506/ SM / SBH+BM					
	Gr. 2					LAB/ELEC3154 Gr2/ CME414/ JS/ TDK+TH					
THU	Gr.1	LAB/ELEC3151 Gr1/ CME514 / SCD / TH+BM		L/ELEC3103 CME417 / SD	A	L/ELEC3141 CME416/ AK	L/ELEC3104 CME416 / JS	T1/ELEC3101 CME416 / SCD	L/INCO3016 CME416/ SG		
	Gr. 2	LAB/ELEC3153 Gr2/ CME507 / AK / SK+RDC									
FRI	Gr.1	L/ELEC3103 CME416 / SD	L/ELEC3102 / CME416 / SS	L/ELEC3101 CME416 / AH	K	LIBRARY	MENTORING/ CME410				
	Gr. 2							T2/ELEC3102/ CME410 / SS			

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Member

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B. Tech 3rdYear 1st Semester

SESSION: 2023-2024

Faculty Details:

INITIALS	FULLNAME	DEPT
SS	Prof. Sarmistha Sinha	EE
JS	Prof. Jayita Sarkar	EE
SCD	Prof. Sanjay Chandra Das	EE
AH	Prof. Amitava Hatial	EE
SM	Prof. Sudipta Mitra	EE
SD	Prof. Dr. Saibal Dutta	EE
AK	Prof. Anirban Kolay	EE
RB	Prof. Reetwik Bhadra	EE
SG	Prof. Sanchita Gangopadhaya	HUMANITIES

TA Details:

INITIALS	FULLNAME	DEPT
RDC	Rupali Dey Chatterjee	EE
TDK	Tapasi Das Kundu	EE
AS	Asmita Saha	EE
SK	Santa Koley	EE
BM	Biswajyoti Mukherjee	EE
TH	Tuhin Halder	EE
SBH	Swaraj Bandhu Hari	EE

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B. Tech 3rd Year 1st Semester

SESSION: 2023-2024

COURSE STRUCTURE:

3rd Year 1st Semester Course Structure Theory:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	ELEC3101	Electrical Machines-II	3	1	0	4	4
2.	ELEC3102	Power System-I	3	1	0	4	4
3.	ELEC3103	Control System	3	1	0	4	4
4.	ELEC3104	Power Electronics	3	0	0	3	3
5.	Professional Elective-I		3	0	0	3	3
Mandatory Course							
6.	INCO3016	Indian Constitution and Civil Society	2	0	0	2	0
Total Theory			17	3	0	20	18

Practical/Sessional:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	ELEC3151	Electrical Machines-II Lab	0	0	2	2	1
2.	ELEC3152	Power System-I Lab	0	0	2	2	1
3.	ELEC3153	Control System Lab	0	0	2	2	1
4.	ELEC3154	Power Electronics Lab	0	0	2	2	1
Total Laboratory			0	0	8	8	4
TOTAL OF SEMESTER						28	22

Professional Elective-I Paper (any one)

- 5(a). ELEC3141 Digital Signal Processing
5(b). ELEC3142 Computational Electromagnetics

To be Effective from 17.07.2023

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B. Tech 4th Year 1st Semester

SESSION: 2023-2024

DAY		9.00 AM – 9.55 AM	9.55 AM – 10.50 AM	10.50 AM – 11.45 AM	11.45 AM – 12.25 PM	12.25 PM – 1.20 PM	1.20 PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05 PM – 5.00 PM	5.00 PM – 5.55 PM
MON	Gr.1	ELEC4195/ CME406, CME513, CME514, CME506			B	INFO4121 UKD/ ICT105	AEIE4126 IN/ CME417				
	Gr. 2					AEIE4121 AKB/ CME417	CHEN4126 SB/ ICT105				
TUE	Gr.1				R	ELEC4195 / CME406, CME414, CME506, CME507, CME513, CME514		MENTORING/ CME410			
	Gr. 2										
WED	Gr.1	L/ELEC4131 BR/ CME417	L/ELEC4131 NBR/ CME417		E	INFO4121 UKD/ ICT008	AEIE4126 IN/ CB218				
	Gr. 2					AEIE4121 AKB/ CB218	CHEN4126 SB/ ICT105				
THU	Gr.1	ELEC4195/ CME406, CME414, CME506, CME513			A	LIBRARY	L/HMTS4101/ NM/ CME417	L/HMTS4101/ NM/ CME417	REMEDIAL CLASS/ CME417		
	Gr. 2										
FRI	Gr.1	ELEC4195/ CME414, CME506, CME513, CME514			K	INFO4121 UKD/ ICT105	AEIE4126 IN/ CB218	L/ELEC4131 NBR/ CME417	L/HMTS4101/ NM/ CME417		
	Gr. 2					AEIE4121 AKB/ CB218	CHEN4126 AG/ ICT105				

To be Effective from 17.07.2023

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BR	Prof. Bidisha Roy	EE			
NBR	Dr. Nabamita Banerjee Roy	EE			
AKB	Dr. Anil Kumar Bag	AEIE			
IN	Prof. Indrajit Naskar	AEIE			
SB	Prof. (Dr.) Sangita Bhattacharjee	ChE			
AG	Prof. (Dr.) Avijit Ghosh	ChE			
UKD	Prof. Uttam Kumar Dash	IT			
NM	Ms. Nilanjana Mukhopadhaya	HUM			

To be Effective from 17.07.2023

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<EE >

B. Tech 4th Year 1st Semester

SESSION: 2023-2024

COURSE STRUCTURE:

4th Year 1st Semester Course Structure

Theory:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	HMTS4101	Principles of Management	3	0	0	3	3
2.	Professional Elective-III		3	0	0	3	3
3.	Open Elective-II		3	0	0	3	3
4.	Open Elective-III		3	0	0	3	3
Total Theory			12	0	0	12	12

Practical/ Sessional:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	ELEC4191	Industrial Training Evaluation	0	0	0	0	2
2.	ELEC4195	Project Stage-I	0	0	8	8	4
		Total Practical	0	0	8	8	6
TOTAL OF SEMESTER WITHOUT HONOURS COURSE						20	18

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<EE >

B. Tech 4th Year 1st Semester

SESSION: 2023-2024

Professional Elective-III Paper (any one)

2(a). ELEC4131 Advanced Power System

2(b). ELEC4132 Advanced Control System

Open Elective-II Paper (any one)

3(a). AEIE4121 Instrumentation and Telemetry

3(b). INFO4121 Fundamentals of Cloud Computing

3(c). INFO 4122 Machine Learning

3(d). CSEN4121 Fundamentals of Operating Systems

Open Elective-III Paper (any one)

4(a). AEIE4126 Optical Instrumentation

4(b). CHEN4126 Industrial Total Quality Management

4(c). CSEN4126 Intelligent Web and Big Data

4(d). ECEN4128 Introduction to VLSI Design

Open Elective-II Paper to be offered by Dept. of EE

ELEC4121 Automatic Control System

Open Elective-III Paper to be offered by Dept. of EE

ELEC4126 Principles of Electrical Machines

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