

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

DEPARTMENT OF ELECTRICAL ENGINEERING**B.Tech. 1st 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/PHYS1001/ DM/CME417	L/CSEN1001/ SBP/CME417	SOFT SKILL CMM/CME417	BREAK	Lab/CSEN1051/Gr-1/RPS,SBP/SMR,CD/ICTB06					
					LAB/PHYS1051/GR2/DM(SRG, RCS)/CB104			ECEN1061 LAB(GR2)/MK /ICT502		
TUE	L/PHYS1001 /RC/CME417	L/CSEN1001 /SBP/CME417	L/MATH1101 /SDS/CME417	BREAK	T1/MATH1101 /MS/CME417	ECEN1011 /CME417/PS	ECEN1011 /CME417/PS			
WED	T1/PHYS1001 /DM/CME417	T2/PHYS1001 /DM/CME417	L/MATH1101 /SG/CME417	BREAK	L/PHYS1001 /RC/CME417	ECEN1011 /CME417/PS	LIFE SKILL/ CME417/BB	T2/MATH1101 /MS/CME417		
THU	LAB/PHYS1051/GR1/RC(SRG, RCS)/CB104			BREAK(Gr1)	MECH 1051(L)- EE (Gr1) /SB/CME417	MECH 1051-EE (Gr2)/SDR/CME B06/AD, SCD/ CME B06				
	CSEN1051/GR2/SBP,RPS/TM,MB/ICTB06				BREAK(Gr2)	ECEN1061 LAB(GR1)/ AMD / ICT502				
FRI	L/MATH1101 /MP/CME417	L/CSEN1001 /SBP/CME417	R/CSEN1001 /SBP/CME417	BREAK	MECH 1051 - EE (Gr1)/SH/CME B06/AD, APB/ CME B06					
					MECH 1051(L)- EE (Gr2)/SNM/CME417					

To be effective from 03/02/2022

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Students should target 100% attendance

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TIME TABLE
DEPARTMENT OF ELECTRICAL ENGINEERING

B.Tech. 1st Year, 1st Semester

SESSION: 2021– 2022

Initial	Faculty Name	Department
RC	Dr Ritayan Chatterjee	PHYS
DM	Dr Dibyendu Mal	PHYS
SBP	PROF. SUBHRA PRAMANIK	CSBS
RPS	PROF. RITUPORNA SINHA	IT
SDR	Mr. Sudipta Roy	ME
SH	Mr. Sudip Kumar Halder	ME
MS	PROF. MOULIPRIYA SARKAR	MATHEMATICS
SDS	PROF. SUDIPTA SARKAR	MATHEMATICS
MP	PROF. MOUMITA PRAMANIK	MATHEMATICS
SG	PROF. (DR.) SOUVIK GHOSH	MATHEMATICS
PS	Prof. Pratima Shaw	ECE
MK	Prof. Dr Mousiki Kar	ECE
AMD	Prof. Dr Asima Adak	ECE

Initial	TA Name	Department
SRG	Mr. Sourav ranjan Ghosh	PHYS
RCS	Mr Rabin Chandra Samanta	PHYS
AD	ABHISHEK DAS	ME
APB	ANUPAM BISWAS	ME
SCD	SHYAM CHAND DEY	ME
TM	TIMIR MAITRA	IT
MB	MANASH BHATTACHARJEE	IT

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRICAL ENGINEERING

B.Tech. 1st Year, 1st Semester

SESSION: 2021– 2022

1st Year 1st Semester Course Structure**Theory:**

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	MATH1101	Mathematics I	3	1	0	4	4
2.	PHYS1001	Physics	3	1	0	4	4
3.	CSEN1001	Programming for Problem Solving	3	0	0	3	3
Total Theory			9	2	0	11	11

Practical/Sessional:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	PHYS1051	Physics Laboratory	0	0	3	3	1.5
2.	MECH1051	Workshop/Manufacturing Practices	1	0	4	5	3
3.	CSEN1051	Programming for Problem Solving Lab	0	0	4	4	2
Total Laboratory			1	0	11	12	6.5
TOTAL OF SEMESTER WITHOUT HONOURS COURSE						23	17.5

Honours:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	ECEN1011	Basic Electronics	3	0	0	3	3
2.	ECEN1061	Basic Electronics Lab	0	0	2	2	1
Total Honours			3	0	2	5	4
TOTAL OF SEMESTER WITH HONOURS COURSE						28	21.5

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TIME TABLE
DEPARTMENT OF ELECTRICAL ENGINEERING

B.Tech. 2nd 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	MECH2106 /CME416/SDR	ELEC2101/SD/CME416	ELEC2102/SBS/CME416			ELEC 2151/GR1/SD/CME507/RDC+SDD		ELEC 2152/GR1/JS/CME414/TDK+BM		
						ELEC 2152/GR2/SBS/CME414/TDK+SK		ELEC 2153/GR2/NC/CME407/RDC+SK		
TUE	ELEC2102/JS/CME416	ELEC2103/ED/CME416	ELEC2101/T1/BR/CME416							
WED	ELEC2101/BR/CME416	MECH2106 /CME416/SBH	ELEC 2103/NC/CME416		HMTS2001 /CME416	BIOT2105/SHD/CME416	BIOT2105/PC/CME416			
THU	ELEC2102/JS/CME416	ELEC2103/NC/CME416	ELEC2101/SD/CME416		HMTS2001 /CME416	MECH2106 /CME416/SBH				
FRI	HMTS2001 /CME416	ELEC2102/SBS/CME416	ELEC2101/T2/BR/CME416			ELEC 2153/GR1/ED/CME407/SK+TDK				
						ELEC 2151/GR2/BR/CME507/RDC+SDD				

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRICAL ENGINEERING

B.Tech. 2nd Year, 1st Semester

SESSION: 2021- 2022

INITIALS	FACULTY NAME	DEPARTMENT
SD	DR. SAIBAL DUTTA	EE
ED	MS. EMILY DATTA	EE
NC	MS. NABANITA CHATTERJEE	EE
JS	MS. JAYITA SARKAR	EE
BR	MS. BIDISHA ROY	EE
SBS	MR. SUVABRATA SIL	EE
SHD	Ms. Sonali Hazra Das	BT
PC	Prof. Plaban Chowdhury	BT
SBH	Prof. Sovan Bhowmick	ME
SDR	Prof. Sudipta Roy	ME

INITIALS	TA NAME	DEPARTMENT
RDC	MS. RUPALI DEY CHATTERJEE	EE
SK	MS. SANTA KOLEY	EE
BM	BISWAJYOTI MUKHERJEE	EE
TDK	TAPASI DAS KUNDU	EE
SDD	MR. SHUBHADEEP DAS	EE

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TIME TABLE
DEPARTMENT OF ELECTRICAL ENGINEERING

B.Tech. 2nd Year, 1st Semester

SESSION: 2021– 2022

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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DEPARTMENT OF ELECTRICAL ENGINEERING**B.Tech. 3rd 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	ELEC 3103/ AK/CME505	ELEC 3141/ GDR/CME505	ELEC 3102/ SM/CME505		ELEC 3101/ NBR/CME505					
TUE	ELEC 3104/ RB/CME505	ELEC 3101/ SCD/CME505	ELEC 3141/ GDR/CME505			ELEC 3152/GR1/SM/CME506/SBH+TH		ELEC 3154/GR1/RB/CME414/SDD+TH		
						ELEC 3154/GR2/JS/CME414/SDD+RDC		ELEC 3152/GR2/SS/CME506/SBH+BM		
WED	ELEC 3102/ SM/CME505	ELEC 3141/ GDR/CME505	ELEC 3104/ RB/CME505			ELEC 3153/ GR1/SD/CME507/SDD+RDC		ELEC 3151/GR1/SCD/CME514/TH+NKM		
						ELEC 3151/GR 2/NBR/CME514/TH+NKM		ELEC 3153/GR2/AK/CME507/SDD+RDC		
THU	ELEC 3103/ SD/CME505	ELEC 3101/ NBR/CME505	ELEC 3102/ SS/CME505		ELEC 3103/ AK/CME505	INCO3016 /CME505				
FRI	ELEC 3102/ SS/CME505	ELEC 3103/ SD/CME505	ELEC 3101/ SCD/CME505		ELEC 3104/ JS/CME505	INCO3016 /CME505				

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DEPARTMENT OF ELECTRICAL ENGINEERING

B.Tech. 3rd Year, 1st Semester

SESSION: 2021– 2022

INITIALS	FACULTY NAME	DEPARTMENT
GDR	PROF. DR. G. D. ROY	EE
SD	DR. SAIBAL DUTTA	EE
SM	MR. SUDIPTA MITRA	EE
SCD	MR. SANJAY CHANDRA DAS	EE
SS	MS. SARMISTHA SINHA	EE
JS	MS. JAYITA SARKAR	EE
RB	MR. REETWIK BHADRA	EE
AK	MR. ANIRBAN KOLAY	EE
NBR	DR. NABAMITA BANERJEE ROY	EE

INITIALS	TA NAME	DEPARTMENT
RDC	MS. RUPALI DEY CHATTERJEE	EE
TH	MR. TUHIN HALDER	EE
SBH	MR. SWARAJ BANDHU HARI	EE
SDD	MR. SHUBHADEEP DAS	EE
NKM	NIKHIL MAITY	EE
BM	BISWAJYOTI MUKHERJEE	EE

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DEPARTMENT OF ELECTRICAL ENGINEERING

B.Tech. 3rd Year, 1st Semester

SESSION: 2021– 2022

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

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DEPARTMENT OF ELECTRICAL 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					AEIE4121/ RSG/CB215	AEIE4126/ CB215	ELEC 4131/ BR/CME417			
					INFO4121/ CME416	CHEN 4126/ SB/CME208				
TUE					ELEC 4111/ ED/CME416		HMTS 4101/ CME416			
WED					AEIE4121/ AMS/CB215	AEIE4126/ CB215	ELEC 4111/ NC/CME505		HMTS 4101/ CME505	
					INFO4121/ CME505	CHEN 4126/ SV/CME208				
THU			ELEC 4131/ SM/CME417			ELEC 4111/ ED/CME417		HMTS 4101/ CME417		
FRI					AEIE4121/ RSG/CB215	AEIE4126/ CB215				
			ELEC 4131/ NBR/CME416		INFO4121/ CME416	CHEN 4126/ SV/CME208	ELEC 4111/ NC/CME416			

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRICAL ENGINEERING

B.Tech. 4th Year, 1st Semester

SESSION: 2021- 2022

INITIALS	FACULTY NAME	DEPARTMENT
BR	MS. BIDISHA ROY	EE
SM	MR. SUDIPTA MITRA	EE
NC	MS. NABANITA CHATTERJEE	EE
NBR	DR. NABAMITA BANERJEE ROY	EE
SB	Dr. Sangita Bhattacharjee	CHE
SV	Prof.(Dr.) Swami Vdajnananda	CHE
RSG	Prof. Reshma Sengupta	AEIE
AMS	Prof. Arindam Sarkar	AEIE

To be Effective from 03.02.2022

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DEPARTMENT OF ELECTRICAL ENGINEERING

B.Tech. 4th Year, 1st Semester

SESSION: 2021-2022

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

Honours:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	ELEC4111	Transducers & Sensors	4	0	0	4	4
Total Honours			4	0	0	4	4
TOTAL OF SEMESTER WITH HONOURS COURSE						24	22

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). ECEN4121 Software Defined Radio

3(d). ECEN4122 Error Control Coding

3(e).CHEN4121 Industrial Total Quality Management

3(f).CSEN4121 Fundamentals of Operating Systems

Open Elective-III Paper (any one)

4(a). CHEN4123 Statistical Methods in Design of Experiments

4(b). AEIE4126 Optical Instrumentation

4(c). AEIE4127 Introduction to Embedded System

4(d).CIVL4123 Estimation and Valuation

4(e).CSEN4126 Intelligent Web and Big Data

4(f).ECEN4127 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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