M. Tech. 1st Year 1st Semester SESSION: 2021 - 2022

DAY	Group	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	Grl	Remedial	AEIE5141	AEIE5101							
William	Gr2	Remodial	MC	SG							
TUE	Grl	Remedial	AEIE5102	AEIE5102		AEIE5103	AEIE5133	AEIE5133			
TOL	Gr2		DC	DC		SMC	DMG	DMG			
WED	Grl	D 11.1	AEIE5101	AEIE5141	BREAK						
WED	Gr2	Remedial	SG	MC							
THU	Gr1	Remedial	AEIE5101	AEIE5102		AEIE5133	AEIE5103				
	Gr2 Remedian		SG	DC		DMG	SMC				
FRI	FRI Gr2 Remedial			A5116 .R			AEIE5141				
IKI			SR				MC				

To be Effective from 1st December 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

M. Tech. 1st Year 1st Semester SESSION: 2021-2022

INITIAL	FULLNAME	DEPARTMENT
MC	Dr. Madhurima Chattopadhyay	
SG	Dr. Santanu Ghorai	
DMG	Damayanti Ghosh	Applied Electronics &
DC	Debjyoti Chowdhury	Instrumentation Engineering
SJD	Sujoy Kr. Das	
SMP	Sampa Maity (Paul)	
SR	Dr. Siuli Roy	Information Technology

.

SESSION: 2021-2022

M. Tech. 1st Year 1st Semester

Course Structure

1st Year 1st Semester Syllabus:

Course	Course	Course Name	C		ct Hr Veek	s Per	Credi
Туре	Code		L	T	P	Total	Points
Core 1	AEIE5101	Advanced Digital Signals and Systems	3	0	0	3	3
Core 2	AEIE5102	Programming Language for Embedded IOT Systems	3	0	0	3	3
	AEIE5103	Research Methodology and IPR	2	0	0	2	2
Prog. Specific Elective	AEIE5131/ AEIE5132/ AEIE5133	Elective-I (1) Micro-Electronic Devices and Circuits (2) Medical Instrumentation (3) Instrumentation and Industrial Automation	3	0	0	3	3
Prog. Specific Elective	AEIE5141/ AEIE5142/ AEIE5143	Elective-II (1) Mechatronics (2) Advanced Digital Control System (3) Advanced Optical Instrumentation	3	0	0	3	3
T 4 D	AEIE5151	Digital Signal Processing LAB	0	0	4	4	2
LAB	AEIE5152	Programming Language LAB	0	0	4	4	2
Aud 1*-	DIMA5116	Disaster Management					
Any one	INCO5117	Constitution of India					
subject from the	PDLS5118	Personality Development through Life Enlightenment Skills	2	0	0	2	0
course list	YOGA5119	Stress Management by Yoga					
course ust	SANS5120	Sanskrit for Technical Knowledge					
		Total	16	0	8	24	18

.

TIME TABLE

DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING

SESSION: 2021-2022

M. Tech. 2nd Year 1st Semester

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	Remedial	L/ AEIE6121 SJB								
TUE	Remedial	L/ AEI	E6134/ G	≥						
WED				E A						
THU		L/ AEIE6121 SJB		В						
FRI	Library		L/ AEIE6134/ SG/ICT 109							

To be Effective from 1st December 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

M. Tech. 2nd Year 1st Semester SESSION: 2021-2022

INITIAL	FULLNAME	DEPARTMENT
SG	Dr. Santanu Ghorai	Applied Electronics &
SJB	Dr. Surajit Bagchi	Instrumentation Engineering

Member HOD Principal

HERITAGE INSTITUTE OF TECHNOLOGY TIME TABLE

DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING

SESSION: 2021-2022

M. Tech. 2nd Year 1st Semester

2nd Year 1st Semester Syllabus:

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

Member HOD Principal

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH VLSI

2nd YEAR, 1st SEMESTER

SESSION: 2021-2022

DAY	9.00 AM – 9.55AM	9.55 AM – 10.50 AM	10.50 NOON – 11.45 PM	11.45AM- 12.25PM	12.25 PM – 1.20PM	1.20PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05PM- 5.00PM	5.00PM- 5.55PM
MON										
TUE						L/VLSI 6132/KM	L/VLSI 6132/KM			
WED			L/VLSI 6132/AMB	Break						
THU					L/ECEN 6125/SM					
FRI	L/ECEN 6125/SM	L/ECEN 6125/SM								

To be effective from 1st December, 2021 A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination. Students should target 100% attendance HOD

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH VLSI

2nd YEAR, 1st SEMESTER

SESSION: 2021-2022

FACULTY NAMES

Faculty names	Initials	Department
Prof. Amrita Banerjee	AMB	ECE
Prof.(Dr.) Kasturi Mukherjee	KM	ECE
Prof.(Dr.) SusovanMandal	SM	ECE

COURSE STRUCTURE

To be effective from 1st December, 2021 A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination. Students should target 100% attendance HOD

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH VLSI

2nd YEAR, 1st SEMESTER

SESSION: 2021-2022

2nd. Year, Semester I

	A. Theory							
Sl. No.	Course	Code	Course Title	Contac	ct Hour	s/Wee	k	Credits
l	Type]]	
				L	T	P	Total	
1	Professional	VLSI6131	Nano materials and Nano					
l	Elective		Technology	1	l	l		
	PE-5			3	0	0	3	3
		VLSI6132	RF IC Design and MEMS	7		l		
_	_	3 () TH() 3 1	0			-		
2	Open	MATH6121	Optimization Techniques		l	l	l	
	Elective	CSEN6121	Business Analytics			l		
		ECEN 6125	Design and Technology for	3	0	0	3	3
			Photonic Integrated Circuit			l		
		AEIE6123	Intelligent Control					
		Total of Th	6	0	0	6	6	

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

OPEN ELECTIVES TO BE OFFERED BY ECE DEPARTMENT (3rd. Semester):

Open Elective	ECEN6121	Ad Hoc Networks and Uses	3	0	0	3	3
	ECEN6122	Embedded Systems					
	ECEN6123	Cognitive Radios					
	ECEN6124	Automation in VLSI Design					
	•	•	'	•	•	•	•

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH ECE

2nd YEAR, 1st SEMESTER

SESSION: 2021-2022

DAY	9.00 AM – 9.55AM	9:55 AM – 10.50 AM	10.50 NOON – 11.45 PM	11.45AM- 12.25PM	12.25 PM – 1.20PM	1.20PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05PM- 5.00PM	5.00PM- 5.55PM
MON										
TUE		L/ECEN 6132/PRB	L/ECEN 6132/PRB							
WED		L/ECEN 6132/PRB		Break						
THU					L/ECEN 6125/SM/ICT 509					
FRI	L/ECEN 6125/SM/ICT 509	L/ECEN 6125/SM/ICT 509								

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH ECE

2nd YEAR, 1st SEMESTER

SESSION: 2021-2022

FACULTY NAMES

Faculty names	Initials	Department
Prof. (Dr.) Prabir Banerjee	PRB	ECE
Prof.(Dr.) SusovanMandal	SM	ECE

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH ECE

2nd YEAR, 1st SEMESTER

SESSION: 2021-2022

COURSE STRUCTURE

2nd. Year, Semester I

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

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

HERITAGE INSTITUTE OF TECHNOLOGY Department of Computer Science & Engineering TIME TABLE

M. Tech 1st Sem Session: 2021-2022

MON				3.45 PM – 5	.30 PM					
MON		LAB/ CSEN5181/0	DB/ICT-B12/SA		BREAK	LAB/CSEN5151/NGB/ICT-B12/SC				
	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 -4:00PM	4.05 PM – 4.55 PM	5.00 PM - 5.50 PM
TUE	L/CSEN5	101/NGB	L/MATH5101 /VB	В	L/CSEN5131/DB					
WED	L/CSEN5102/MBK	Remedial	L/MATH5101 /SDS	R	L/CSEN	N5141/NB				
THU	L/CSEN5	5131/DB	Remedial	A V	L/MATH5101 /MP	R/MATH5101 /MP				
FRI	L/CSEN5102/MBK	L/DIMA5116/SR	L/DIMA5116/SR	K	L/CSEN	/CSEN5101/NGB L/C		L/CSEN5141/NB		

To be effective from 1st December, 2021 A minimum of 75% attendance is mandatory for being eligible to sit for the End Semester Examination Student should target 100% attendance.

Member HOD Principal

HERITAGE INSTITUTE OF TECHNOLOGY Department of Computer Science & Engineering TIME TABLE

M. Tech 1st Sem

	n v. v.	1 111 1 1						
	Faculty Name	Abbreviation	Department					
	Prof. Venu Bihani	VB	MATH					
	Prof. Sudipta Sarkar	SDS	MATH					
	Prof. Moumita Pramanik	MP	MATH					
	Prof. Dinabandhu Bhandari	DB	CSE					
	Prof. Nilanjana G Basu	NGB	CSE					
	Prof. Mohuya Byabartta Kar	MBK	CSE					
	Prof. Nilina Bera	NB	CSE					
	Prof Siuli Roy	SR	IT					
	T.A. Name	Abbreviation	Department					
	Mr. SURAJIT ACHARYA	SA	CSE					
	Mr. SUDIPTA CHAKRABARTY	SC	CSE					
A. Theory								
Sl.	Course Number	Subject S	cheme Of Studies Per			Total	Credits	
			L	T P				
	1 CSEN5101	Advanced Data Structures	3	0	0	-		
	2 CSEN5102	Research Methodology and IF	2	0	0	2		
	3 MATH5101	Advanced Discrete Mathemat and Statistical Methods	3	0	0	3		
	4 CSEN5131 – CSEN5140	Professional Elective I	3	0	0	3	3	
	CSEN5131 CSEN5132	Machine Learning						
	CSEN5133	Advanced Wireless and Mobi Introduction to Intelligent Sy						
	CSEN5134 CSEN5135	GPU Computing Image Proc						
	5 CSEN5141 – CSEN5150	Professional Elective II	3	0	0	3	3	
	CSEN5141	Data Science						
	CSEN5142	Distributed Systems						
	CSEN5143	Wireless Sensor Networks						
	CSEN5144	Digital Forensics						
	CSEN5145	Computational Biology						
	6 Audit Course DIMA5116 IN	Disaster Management Con Stress Management by Yo	2	0	0	2	0	
	YOGA5119 SANS5120							
Total Theory	·	'	16	0	0	16	14	
Practical		<u> </u>						
	1 CSEN5151	Advanced Data Structures Lal	0	0	4	4	2	
	2 CSEN5181 - CSEN5190	Professional Elective-I Lab	0	0	4	4	2	
	CSEN5181 CSEN5182 CSEN5183	Machine Learning Lab Advance Introduction to Intelligent Syste GPU Computing Lab Image Pro	ems Lab	Networks Lab				
	CSEN5184 CSEN5185		Ü					
Total Practical	·	·	0	0	8	8	4	
Total Semester			16	0	8	24	18	

HERITAGE INSTITUTE OF TECHNOLOGY Department of Computer Science & Engineering TIME TABLE

M. Tech 3rd Sem

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/MATH6121/MS L/CSEN6137/AS								
TUE				В						
WED	Project	Project	Project	E						
THU		L/CSEN6137/AS	R/CSEN6137/AS	K K						
FRI					L/MATH6121/DC					

To be effective from 1st December, 2021 A minimum of 75% attendance is mandatory for being eligible to sit for the End Semester Examination Student should target 100% attendance.

Member HOD Principal

HERITAGE INSTITUTE OF TECHNOLOGY Department of Computer Science & Engineering TIME TABLE

M. Tech 3rd Sem

	Faculty Name	Abbreviation	Department						
	Prof. Moulipriya Sarkar	MS	MATH						
	Prof. Dr. Dipankar Chakraborty	DC	MATH						
	Prof. Aritra Saha	AS	CSE						
	A. Theory								
	SI.	Course Number	Subject	Scheme Of Studies Per Weel	k		Total	Credits	
				L	T	P			
	1	CSEN6131 - CSEN6139	Professional Elective V	3	0	0	3	3	
		CSEN6131 CSEN6132 CSEN6133 CS CSEN6138 CSEN6139		utational Complexity Fault To	olerant Computing Appro	oximation Algorithms F	andomized Algorithms In	formation Retrieval	
	2		Open Elective	3	0	0	3	3	
	CSEN6121 ECEN6122 IN Business Analytics MATH6121 AEIE6122 Design of Embedded Sy Optimization Technique Total Theory			tems Information Theory and Intelligent Control	Coding Automation in V	LSI Design			
				6	0	0	6	6	
	B. Sessional				•				
	1	CSEN6195	Dissertation - Phase I	0	0	20	20	10	
	Total Semester			6	0	20	26	16	

TIME TABLE

M. Tech. 2 year 1st semester DEPARTMENT OF BIOTECHNOLOGY **SESSION: 2021-2022** 9.00AM-9.55AM-10.50AM-12.25PM-1.20PM-3.10PM-4.05PM-5.00PM-11.45AM-2.15PM-DAY 9.50AM 4.00PM 10.45AM 11.40AM 12.25AM 1.15PM 2.10PM 3.05PM 4:55PM 5.50PM BIOT6132 BIOT6121 BIOT6133 BIOT6132 BIOT6131 BIOT6121 MON **PROJECT** PC SBTKG RG BCRG BIOT6133 BIOT6131 BIOT6131 TUE **PROJECT PROJECT** TKG BCSDE BREAK BIOT6121 BIOT6131 WED **PROJECT PROJECT** SDE SMB BIOT6133 BIOT6132 THU **PROJECT PROJECT** TKG RC BIOT6133 BIOT6121 BIOT6132 **PROJECT PROJECT** FRI TKG SMB RC

To be effective from 1st December, 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

HERITAGE INSTITUTE OF TECHNOLOGY TIME TABLE

M. Tech. 2 year 1st semester DEPARTMENT OF BIOTECHNOLOGY **SESSION: 2021-2022**

Faculty	Name of the Faculty	Name of the
Abbreviation		Department
SB	Prof. Srabanti Basu	Biotechnology
DC	Prof. Dipankar Chaudhuri	Biotechnology
NKJ	Prof. Nandan .Kumar Jana	Biotechnology
TKG	Prof. Tapan Kumar Ghosh	Biotechnology
KM	Prof. Kakali Mukherjee	Biotechnology
SMB	Prof. Soma Banerjee	Biotechnology
RG	Prof. Riddhi Goswami	Biotechnology
RC	Prof. Ruplekha Chatterjee	Biotechnology
SDE	Prof. Sudipta Dey Bandyopadhyay	Biotechnology
BC	Prof. Bhaswati Chakraborty	Biotechnology
SHD	Prof. Sonali Hazra Das	Biotechnology
PC	Prof Plaban Chaudhuri	Biotechnology
SB	Samarpita Bhattacharya	Maths

СВ	Mr. Chayan Banerjee	Biotechnology
SM	Ms. Sharmistha	Biotechnology
	Mukherjee	
CD	Ms. Chandralekha	Biotechnology
	Dasgupta	
AM	Mr. Abhisek Mukherjee	Biotechnology
MB	Mainak Bhattacharya	Biotechnology
SS	Shubhasree Sengupta	Biotechnology
MS	Munmun Sen	Biotechnology

Member	HOD	

HERITAGE INSTITUTE OF TECHNOLOGY TIME TABLE

M. Tech. 2 year 1st semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

2nd yr 1st semester

Course	Field	Course Title	5500 FILE BANK	Scheme of studies per week			
Code			L	T	P	i)	
A		Theory					
BIOT6131		Modelling and Simulation in					
	Prof.	Bioprocess	3	0	0	3	
BIOT6132	Elective 5	Biopharmaceuticals					
BIOT6133		Downstream Processing	3				
BIOT6121		Engineering Mathematics and	3	0	0	3	
		Biostatistics	\$1,500				
AEIE6122	0	Intelligent Control					
CSEN6121	Open	Business Analytics					
MATH6121	Elective*	Optimization Techniques	9				
REEN6122	1	Safety and Hazards in Energy					
		Industry					
		Total Theory	6	0	0	6	
В		Sessional				×.	
BIOT6195	Project	Dissertation-I /Industrial Project	0	0	20	10	
		Total Sessional	0	0	20	10	
		SEMESTER TOTAL	0	0	20	16	

Member	HOD	Principal

TIME TABLE

M. Tech. 1 year 1ST semester DEPARTMENT OF BIOTECHNOLOGY **SESSION: 2021-2022** 9.00AM-9.55AM-10.50AM-11.45AM-12.25PM-1.20PM-3.10PM-4.05PM-5.00PM-2.15PM-DAY 4.00PM 9.50AM 10.45AM 11.40AM 12.25AM 1.15PM 2.10PM 3.05PM 4:55PM 5.50PM BIOT5142 BCBIOT5131 BIOT5102 BIOT5141 BIOT5101 MON RCDC NKJ **SMB** BIOT5141 RCBIOT5141 KM BIOT5102 BIOT5102 BIOT5101 BIOT5101 TUE REMEDIAL SBDC KM NKJ BIOT5142 SBBREAK BIOT5142 BIOT5103 **BIOT 5103** REMEDIAL WED PC SBRG BIOT5131 BIOT5102 BIOT5131 THU KM SBSHD DIMA5116 BIOT5142 BIOT5101 BIOT5131 BIOT5141 FRI BCSR NKJ SHD SMB

To be effective from 01.12.2021.

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

HERITAGE INSTITUTE OF TECHNOLOGY TIME TABLE

M. Tech. 1 year 1ST semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

Faculty	Name of the Faculty	Name of the
Abbreviation		Department
SB	Prof. Srabanti Basu	Biotechnology
DC	Prof. Dipankar Chaudhuri	Biotechnology
NKJ	Prof. Nandan .Kumar Jana	Biotechnology
TKG	Prof. Tapan Kumar Ghosh	Biotechnology
KM	Prof. Kakali Mukherjee	Biotechnology
SMB	Prof. Soma Banerjee	Biotechnology
RG	Prof. Riddhi Goswami	Biotechnology
RC	Prof. Ruplekha Chatterjee	Biotechnology
SDE	Prof. Sudipta Dey Bandyopadhyay	Biotechnology
BC	Prof. Bhaswati Chakraborty	Biotechnology
SHD	Prof. Sonali Hazra Das	Biotechnology
PC	Prof Plaban Chaudhuri	Biotechnology

TA	Name of the TA	Name of the
Abbreviation		Department
CB	Chayan Banerjee	Biotechnology
SM	Sharmistha Mukherjee	Biotechnology
CD	Chandralekha Dasgupta	Biotechnology
AM	Abhisek Mukherjee	Biotechnology
MB	Mainak Bhattacharya	Biotechnology
SS	Shubhasree Sengupta	Biotechnology
MS	Munmun Sen	Biotechnology

Member	HOD	Principal

HERITAGE INSTITUTE OF TECHNOLOGY TIME TABLE

M. Tech. 1 year 1ST semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

1st yr 1st semester

Code	Field	Course Title		Scheme of studies per week			
			L	T P			
A		Theory		8			
BIOT5101	Prof. Core	Advanced Genetic Engineering	3	0	0	3	
BIOT5102	Prof. Core	Physicochemical Techniques in Biotechnology	3	0	0	3	
BIOT5103		Research Methodology, Bioethics and IPR	2	0	2		
BIOT5131	Prof.	Advanced Enzyme Technology	3	0	0	3	
BIOT5132	Elective 1	Nanotechnology					
BIOT5141	Prof.	Agricultural Biotechnology	3 0 0		3		
BIOT5142	Elective 2	Advanced Environmental					
	98	Biotechnology	16	-8		88	
DIMA5116	Audit	Disaster Management	2	2 0 0		0	
INCO5117	Course-1	Constitution of India					
PDLS5118		Personality Development through Life Enlightenment Skills					
YOGA5119		Stress Management by Yoga		-68			
		Total Theory	16	0	0	14	
В		Practical	10 0 0				
BIOT5151	Prof. Core	Advanced Genetic Engineering Lab	0	0 0 4		2	
BIOT5152	Prof. Core	Physicochemical Techniques Lab	0	0	4	2	
		Total Practical	0	0	8	4	
		SEMESTER TOTAL	16	0	8	18	

		
Member	HOD	Principal

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH ECE

SESSION: 2021-2022

1st YEAR, 1st SEMESTER

11.45AM-4.05PM-2.15 5.00PM-1.20PM -3.10 PM -5.00PM 10.50 NOON -12.25PM PM -5.55PM DAY 9.00 AM - 9.55 AM9.55 AM - 10.50 AM12.25 PM - 1.20 PM11.45 PM 2.15 PM 3.10 4.05 PM PM MON L/ECEN5101/SC L/ECEN5102/AC L/ECEN5102/AC L/ECEN L/ECEN 5103/MK TUE L/ECEN5101/SC L/ECEN5131/AR L/ECEN5131/AR 5103/MK

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH ECE

1st YEAR, 1st SEMESTER

SESSION: 2021-2022

FACULTY NAMES

Faculty names	Initials	Department
Prof. (Dr.) Prabir Banerjee	PRB	ECE
Prof. Arindam Ray	AR	ECE
Prof.(Dr.) SoumyoChatterjee	SC	ECE
Prof.(Dr.) MousikiKar	MK	ECE
Prof. AnanyaChattopadhyay	AC	ECE
Prof.(Dr.) Sriparna Bhattacharya	SB	ECE
Prof. (Dr.) Siuli Roy	SR	IT

TA NAMES

TA names	Initials	Department		
Sushanta Mandal	SM	ECE		

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH ECE

1st YEAR, 1st SEMESTER

SESSION: 2021-2022

COURSE STRUCTURE

1st. Year, Semester I

A. 7	Theory							
SI	Course Type	Code	Course Title	Cont	act Hr			Credits
Nio	Course Type	Code	Course Title	L	T	Ð	Total	Credits
1	Professional Core 1	ECENS101	Antenna and Radiating Systems	3	o	0	3	3
2	Professional Core 2	ECEN5102	Wireless and Mobile Communication	3	0	0	3	3
	Professional	ECENS131	Wireless Ad Hoc and Sensor Networks					
3	Elective I (Prog. Specific Professional	ECEN5132	Photonics and Optical Communication Networks	3	o	0	3	3
	Elective)	ECEN5133	Statistical Process in Communication					
	Professional	ECEN5141	Satellite Communication and applications					
4	Elective II (Prog. Specific	og. ECEN5142 Multimedia Communication 3		s o	o	3	3	
	Elective)							
5	Mgt. Group	ECEN5103	Research Methodology and IPR	2	0	0	2	2
	Audit 1	DIMA5116	Disaster Management					
		INCO5117	Constitution of India					
6		PDLS5118 Personality Development 2		2	o	0	2	0
	YOGA5119 Stress Management by Yoga							
		SANS5120	Sanskrit for Technical Knowledge					
Total	Theory			16	0	0	16	14

	B. Practic	al						
1	Professional lab1	ECEN5151	Antenna and Radiating Systems lab	0	0	4	4	2
2	Professional lab2	ECEN5152	Wireless and Mobile Communication lab	0	0	4	4	2
Tota	Total Practical				0	8	8	4
Tota	Total for Semester				0	8	24	18

To be effective from the date of commencement of 1st December,2021 A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination. Students should target 100% attendance

TIME TABLE

DEPARTMENT OF CHEMICAL ENGINEERING

M.Tech. (Renewable Energy) 2nd year 1st Semester

Session 2021–2022

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	12.25PM – 1.20 PM	1.20PM – 2.15 PM	2.15 PM – 3.10 PM	3.10PM – 4.05 PM	4.05 PM – 5 PM	5 PM – 5.55 PM
MON			L/REEN 6143/SWV/							
TUE										
WED							L/REEN 6122/PB	L/REEN 6122/PB		
THU										
FRI	L/REEN 6143/SWV	L/REEN 6143/SWV					L/REEN 6122/PB			

Routine will be effective from 1st December, 2021.

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

TIME TABLE DEPARTMENT OF CHEMICAL ENGINEERING

M.Tech. (Renewable Energy) 2nd year 1st Semester

Session 2021–2022

2nd Year 1st S	Semester (Semest	ter 3)	Г
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THEOR	Y						
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	7				
	CSEN 6121	Business Analytics	7				
	Total Theory	y					6
LABOR	ATORY/SESS	IONAL			•		
Sl. No	Code	Course Title	L	T	P	Н	Credit
01	REEN 6195	Dissertation / Industrial Project -	0	0	2	2	1
		Phase I			0	O	0
	Total Practical						10
	Semester To	tal					16

Professional Elective V	REEN 6141	REEN 6142	REEN 6143
		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

HERITAGE INSTITUTE OF TECHNOLOGY TIME TABLE DEPARTMENT OF CHEMICAL ENGINEERING

M.Tech. (Renewable Energy) 2nd year 1st Semester

Session 2021–2022

INITIAL FULLNAME		DEPARTMENT
SWV	Prof. Swami Vedajnananda	Chemical Engineering
PB	Prof. Pinaki Bhattacharya	Chemical Engineering

TIME TABLE

DEPARTMENT OF CHEMICAL ENGINEERING

M.Tech. (Renewable Energy) 1styear 1stSemester

Session 2021–2022

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	12.25PM – 1.20 PM	1.20PM – 2.15 PM	2.15 PM – 3.10 PM	3.10PM – 4.05 PM	4.05 PM – 5 PM	5 PM – 5.55 PM
MON										
TUE	L/REEN 5101/PS	L/REEN 5103/ SWV/	REEN 5103/ SWV/	BREAK	L/REEN 5144/DD/	L/REEN 5144/DD/	L/REEN 5102/SKS	L/REEN 5141/CR		
WED	L/REEN 5102/DS	L/REEN 5102/DS	L/REEN 5101/ARS/	BREAK						
THU	,			BREAK	L/REEN 5141/CR/	L/REEN 5141/CR/	L/REEN 5144/SM			
FRI	L/REEN 5101/ARS	L/DIMA	A 5116/SR	BREAK	L/REEN 5144/SM					

Routine will be effective from 1st December, 2021

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

TIME TABLE DEPARTMENT OF CHEMICAL ENGINEERING

M.Tech. (Renewable Energy) 1st year 1st Semester

Session 2021–2022

		THEORY					
S.No	Code	Course Title	L	T	P	H	Credit
01	REEN 5101	Energy Resource and Characteristics	3	0	0	3	3
02	REEN 5102	Renewable Energy –I	3	0	0	3	3
03	REEN 5103	Research Methodology and IPR	2	0	0	2	2
04	REEN 5141 - 5143	Professional Elective I	3	0	0	3	3
05	REEN 5144- 5146	Professional Elective II	3	0	0	3	3
06	DIMA 5116	Disaster Management	2	0	0	0	0
	PDLS5118	Personality Development through Life Enlightenment Skills					
	YOGA5119	Stress Management by Yoga					
	SANS5120	Sanskrit for Technical Knowledge					
	Total Theory						14
		LABORATOR	Y				
S.No	Code	Course Title	L	T	P	Н	Credit
01	REEN 5151	Measurement Analysis Lab	0	0	4	4	2
02	REEN 5152	Power Lab	0	0	4	4	2
	Total Practic					4	
	Semester Tot	al					18

Professional Elective I	REEN 5141	REEN 5142	REEN 5143
Subject name	Material for	Thermal and Electrical	Sustainable
	Renewable Energy	Energy Fundamentals	Application in
	Application		Renewable Energy
Professional Elective II	REEN 5144	REEN 5145	REEN 5146
Subject name	Optimization	Applied Numerical	Statistical Analysis
	Techniques	Methods	

HERITAGE INSTITUTE OF TECHNOLOGY TIME TABLE DEPARTMENT OF CHEMICAL ENGINEERING

M.Tech. (Renewable Energy) 1st year 1st Semester

Session 2021–2022

INITIAL	FULLNAME	DEPARTMENT
ARS	Prof. Aparna RaySarkar	Chemical Engineering
SWV	Prof. Swami Vedajnananda	Chemical Engineering
PS	Prof. Pramita Sen	Chemical Engineering
DS	Prof. Dwaipayan Sen	Chemical Engineering
DD	Prof. Diptendu Datta	Chemical Engineering
SB	Prof. Sangita Bhattacharjee	Chemical Engineering
SKS	Prof. Sukanta Saha	Mechanical Engineering
SM	Prof. Sudipta Mitra	Electrical Engineering
CR	Prof. Chandrima Roy	Electronics & Communication Engineering

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH VLSI

SESSION: 2021-2022

1st YEAR, 1st SEMESTER

11.45AM-4.05PM-5.00PM-2.15 12.25PM 1.20PM - 2.1510.50 NOON -PM - $3.10 \, PM -$ 5.00PM 5.55PM DAY 9.00 AM - 9.55 AM9.55 AM - 10.50 AM12.25 PM – 1.20PM 11.45 PM PM 3.10 4.05 PM PM L/VLSI 5102/AS MON L/VLSI 5102/AS LIBRARY L/ECEN L/ECEN 5103/MK L/VLSI TUE L/VLSI 5142/SP 5103/MK 5142/SP Break L/VLSI L/VLSI L/VLSI 5132/TC WED 5102/AS 5132/TC L/VLSI 5101/KD L/VLSI 5101/KD L/VLSI THU 5132/TC L/DIMA511 FRI L/VLSI 5142/SP L/DIMA5116/SR L/VLSI 5101/KD **6/SR**

> To be effective from the date of commencement of 1st December,2021 A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination. Students should target 100% attendance

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH VLSI

1st YEAR, 1st SEMESTER

SESSION: 2021-2022

FACULTY NAMES

Faculty names	Initials	Department
Prof.(Dr.) AnindyaSen	AS	ECE
Prof.(Dr.) SrabantiPandit	SP	ECE
Prof. Pratima Shaw	PS	ECE
Prof.(Dr.) MousikiKar	MK	ECE
Prof.(Dr.) Tapas Chakraborty	TC	ECE
Prof. KrishanuDatta	KD	ECE
Prof. (Dr.) Siuli Roy	SR	IT

TA NAMES

TA names	Initials	Department
Aditi Roy	AR	ECE
Pritam Kumar Sahu	PS	ECE

TIME TABLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING M.TECH VLSI

1st YEAR, 1st SEMESTER

SESSION: 2021-2022

COURSE STRUCTURE

M.Tech. VLSI 1st. Year, Semester I

A. T	A. Theory							
Sl. No.	Course Type	Code	Course Title	Conta	et Hours	/Weel		Credits
				L	T	P	Total	
1	Professional core l	VLSI5101	Digital VLSI IC Design	3	0	0	3	3
2	Professional core 2	VLSI5102	Embedded Systems Design	3	0	0	3	3
3	Professional Elective	VLSI5131	DSP For VLSI System	3	0	0	3	3
	PE-1	VLSI5132	VLSI IC Fabrication	,				,
4	Professional	VLSI5141	CAD of Digital System		0	0	3	3
	Elective PE-2	VLSI5142	Modelling of VLSI Device	3				
5	Mgt. Group	ECEN5103	Research Methodology and IPR	2	0	0	2	2
6	Audit 1	DIMA5116	Disaster Management					
		INCO5117	Constitution of India					
		PDLS5118	Personality Development	2	0	0	2	0
		YOGA5119	Stress Management by Yoga	- 2	2 0	0	_	0
		SANS5120	Sanskrit for Technical	1				
			Knowledge					
		Total of Tl	heory	16	0	0	16	14

B. Practical								
1	Professional	VLSI5151	Digital VLSI IC Design Lab	0	0	4	4	2
	Core Lab1			•		4	4	-
2	Professional	VLSI5152	Embedded Systems Design Lab			4	4	2
	Core Lab2			•		-	-	2
Total of Practical				0	0	8	8	4
Total of Semester				16	0	8	24	18