

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SEC A

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

D A Y	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
M O N				Break	L/ECEN 4121/PRB, L/INFO 4121/UKD, L/CSEN 4121/AG, L/MATH 4121/DC	L/ECEN 4124/AMB, L/CSEN 4126/TC, L/AEIE 4126/AP, L/AEIE 4127/SAM L/CHEN 4126/SV				
T U E	L/ECEN 4142/AC L/ECEN 4142/ AMD L/ECEN 4144/ SCH		L/ECEN4111/KM						L/HMTS 4101/ GF 1	
W E D					L/ECEN 4121/PRB, L/INFO 4121/UKD, L/CSEN 4121/AG, L/MATH 4121/MS	L/ECEN 4124/AMB, L/CSEN 4126/TC, L/AEIE 4126/AP, L/AEIE 4127/SAM L/CHEN 4126/SV	L/ECEN 4142/AC L/ECEN 4142/ AMD L/ECEN 4144/ SCH		L/HMTS 4101/GF 2	
T H U			L/ECEN 4142/AC L/ECEN 4142/ AMD L/ECEN 4144/ SCH							
F R I	L/ECEN4111/KM	L/ECEN4111/KM			L/ECEN 4121/PRB L/INFO 4121/DPN L/CSEN 4121/AG L/MATH 4121/MS	L/ECEN 4124/AMB L/CSEN 4126/TC L/AEIE 4126/IN L/AEIE 4127/DMG L/CHEN 4126/SV		L/HMTS 4101/GF 1		

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

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TIME TABLE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SEC A

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

	COURSE CODE	COURSE NAME
OE 2	ECEN 4121	SOFTWARE DEFINED RADIO
	INFO 4121	FUNDAMENTAL OF CLOUD COMPUTING
	CSEN 4121	FUNDAMENTAL OF OPERATING SYSTEM
	MATH 4121	METHODS IN OPTIMIZATION
OE 3	ECEN 4124	PRINCIPLES OF RADAR
	CSEN4126	INTELLIGENT WEB AND BIG DATA
	AEIE 4126	OPTICAL INSTRUMENTATION
	AEIE 4127	INTRODUCTION TO EMBEDDED SYSTEM
	CHEN 4126	INDUSTRIAL TOTAL QUALITY MANAGEMENT
PE	ECEN 4142	FIBRE OPTIC COMMUNICATION
	ECEN 4144	ADHOC NETWORK AND SECURITY

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SEC A

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

ELECTIVE FACULTY NAMES

DAY		FACULTY NAMES
MONDAY (12:25 PM – 1.20 PM)	ECEN 4121	PRB
	INFO 4121	UKD
	CSEN 4121	AG
	MATH 4121	SC
WEDNESDAY (12:25 PM – 1.20 PM)	ECEN 4121	PRB
	INFO 4121	UKD
	CSEN 4121	AG
	MATH 4121	SC
FRIDAY (12:25 PM – 1.20 PM)	ECEN 4121	PRB
	INFO 4121	DPN
	CSEN 4121	AG
	MATH 4121	SC
MONDAY (1:20 PM – 2:15 PM)	ECEN 4124	AMB
	CSEN4126	TC
	AEIE 4126	IN
	AEIE 4127	DMG
	CHEN 4126	SB
WEDNESDAY (1:20 PM – 2:15 PM)	ECEN 4124	AMB
	CSEN4126	TC
	AEIE 4126	AP
	AEIE 4127	SAM
	CHEN 4126	SV
FRIDAY ((1:20 PM – 2:15 PM)	ECEN 4124	AMB
	CSEN4126	TC
	AEIE 4126	IN
	AEIE 4127	DMG
	CHEN 4126	SV
TUESDAY (9:00 AM – 9:55 AM & 9:55 AM – 10:50 AM)	ECEN 4142	AC
	ECEN 4142	AMD
	ECEN 4144	SCH
WEDNESDAY (2:15 PM – 03:10 PM)	ECEN 4142	AC
	ECEN 4142	AMD
	ECEN 4144	SCH

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SEC A

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

FACULTY NAMES

Faculty names	Initials	Department
Prof. (Dr.) Prabir Banerjee	PRB	ECE
Prof. Ananya Chattopadhyay	AC	ECE
Prof.(Dr.) Asima Adak	AMD	ECE
Prof.(Dr.) Tapas Chakraborty	TC	ECE
Prof.(Dr.) Sabyasachi Chatterjee	SCH	ECE
Prof. Amrita Banerjee	AMB	ECE
Prof.(Dr.) Kasturi Mukherjee	KM	ECE
Prof.(Dr.) Srabanti Pandit	SP	ECE
Prof. Damayanti Ghosh	DMG	AEIE
Prof. Samiul Alam	SAM	AEIE
Prof. Indrajit Naskar	IN	AEIE
Prof.(Dr.) Arabindakr Pal	AP	AEIE
Prof.(Dr.) Anindita Kundu	AG	CSE
Prof. (Dr.) Sangita Bhattacharjee	SB	Ch.E
Prof. (Dr.) Swami Vedajnananda	SV	Ch.E
Prof. Uttam Kumar Dash	UKD	IT
Prof. Deep Malya Mukhopadhyay	DPN	IT
Prof.(Dr.) Dipankar Chakraborty	DC	MATHEMATICS
Prof. Moulipriya Sarkar	MS	MATHEMATICS
GUEST FACULTY 1	GF 1	HUMANTIES
GUEST FACULTY 2	GF 2	HUMANTIES

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SEC A

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

COURSE STRUCTURE

4th Year 1st Semester

A. Theory								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Elective-3	i) ECEN4141	i) Adaptive Signal Processing	3	0	0	3	3
		ii)ECEN4142	ii)Fiber Optic Communication					
		iii)ECEN4143	iii) Electromagnetic Interference and Compatibility					
		iv)ECEN4144	iv) Ad Hoc networks and security					
2	Open Elective-2	i) INFO4121	i) Fundamentals of Cloud Computing	3	0	0	3	3
		ii)ECEN4121	ii) Software Defined Radio					
		iii)AEIE4122	iii)Linear Control Systems and Applications					
		iv)CSEN4121	iv)Fundamentals of Operating Systems					
		v)MATH4121	v)Methods in Optimization					
		vi)MATH4122	vi)Advanced Linear Algebra					
3	Open Elective- 3	i)AEIE4126	i)Optical Instrumentation	3	0	0	3	3
		ii)AEIE4127	ii) Introduction to Embedded System					
		iii)CSEN4126	iii) Intelligent Web and Big Data					
		iv)BIOT4124	iv) Biosensor					
		v) CHEN4123	v)Industrial Total Quality Management					
		vi) ECEN4124	vi)Principles of Radar					
4	HU	HMTS4101	Principles of Management	3	0	0	3	3
Total Theory				12	0	0	12	12

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SEC A

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

B. Sessional						
5	Project Work	ECEN4195	Project Stage – I	0	0	8
6	Industrial Training/ Internship	ECEN4191	Industrial Training/ Internship	-	-	-
Total Sessional				0	0	8
Total of Semester without Honours				12	0	8

C. Honours						
1	Honours	ECEN4111	Microelectronics and Analog VLSI design	3	0	0
		ECEN4161	Microelectronics and Analog VLSI design Laboratory	0	0	2
Total Honours				3	0	2
Total of Semester with Honours				15	0	10

Open Elective -2	i) ECEN4121 ii) ECEN4122 iii) ECEN4123	i) Software Defined Radio ii) Introduction to Machine Learning iii) Error Control Coding for Secure Data Transmission
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Table 2: Open Elective 2 (to be offered by ECE department)

Open Elective -3	i) ECEN4124 ii) ECEN4125 iii) ECEN4126	i) Principles of Radar ii) Ad Hoc Wireless Networks iii) Introduction to VLSI Design
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Table 3: Open Elective 3 (to be offered by ECE department)

To be effective from 1st December, 2021
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SEC A

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SEC B

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

DAY	9.00 AM – 9.55AM	9.55AM – 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	L/HMTS 4101/GF 1	L/HMTS 4101/GF1	L/ECEN4111/SP	Break	L/ECEN 4121/PRB L/INFO 4121/UKD L/CSEN 4121/AG L/MATH 4121/DC	L/ECEN 4124/AMB L/CSEN 4126/TC L/AEIE 4126/IN L/AEIE 4127/DMG L/CHEN 4126/SB	L/ECEN4111/SP			
TUE	L/ECEN 4142/AC L/ECEN 4142/ AMD L/ECEN 4144/ SCH									
WED			L/ECEN4111/SP		L/ECEN 4121/PRB L/INFO 4121/UKD L/CSEN 4121/AG L/MATH 4121/MS	L/ECEN 4124/AMB L/CSEN 4126/TC L/AEIE 4126/AP L/AEIE 4127/SAM L/CHEN 4126/SV	L/ECEN 4142/AC L/ECEN 4142/ AMD L/ECEN 4144/ SCH			
THU			L/ECEN 4142/AC L/ECEN 4142/ AMD L/ECEN 4144/ SCH							
FRI			L/HMTS 4101/GF3		L/ECEN 4121/PRB L/INFO 4121/DPN L/CSEN 4121/AG L/MATH 4121/MS	L/ECEN 4124/AMB L/CSEN 4126/TC L/AEIE 4126/IN L/AEIE 4127/DMG L/CHEN 4126/SV				

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SEC B

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

FACULTY NAMES

Faculty names	Initials	Department
Prof. (Dr.) Prabir Banerjee	PRB	ECE
Prof. AnanyaChattopadhyay	AC	ECE
Prof.(Dr.) Asima Adak	AMD	ECE
Prof.(Dr.) Tapas Chakraborty	TC	ECE
Prof.(Dr.) SabyasachiChatterjee	SCH	ECE
Prof. Amrita Banerjee	AMB	ECE
Prof.(Dr.) Kasturi Mukherjee	KM	ECE
Prof.(Dr.) SrabantiPandit	SP	ECE
Prof. DamayantiGhosh	DMG	AEIE
Prof. SamiulAlam	SAM	AEIE
Prof. IndrajitNaskar	IN	AEIE
Prof.(Dr.) Arabindakr Pal	AP	AEIE
Prof.(Dr.) AninditaKundu	AG	CSE
Prof. (Dr.) SangitaBhattacharjee	SB	Ch.E
Prof. (Dr.) Swami Vedajnananda	SV	Ch.E
Prof. Uttam Kumar Dash	UKD	IT
Prof. Deep MalyaMukhopadhyay	DPN	IT
Prof.(Dr.) Dipankar Chakraborty	DC	MATHEMATICS
Prof. Moulipriya Sarkar	MS	MATHEMATICS
GUEST FACULTY 1	GF 1	HUMANTIES
GUEST FACULTY 2	GF 2	HUMANTIES
GUEST FACULTY 3	GF 3	HUMANTIES

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	COURSE CODE	COURSE NAME
OE 2	ECEN 4121	SOFTWARE DEFINED RADIO
	INFO 4121	FUNDAMENTAL OF CLOUD COMPUTING
	CSEN 4121	FUNDAMENTAL OF OPERATING SYSTEM
	MATH 4121	METHODS IN OPTIMIZATION
OE 3	ECEN 4124	PRINCIPLES OF RADAR
	CSEN4126	INTELLIGENT WEB AND BIG DATA
	AEIE 4126	OPTICAL INSTRUMENTATION
	AEIE 4127	INTRODUCTION TO EMBEDDED SYSTEM
	CHEN 4126	INDUSTRIAL TOTAL QUALITY MANAGEMENT
PE	ECEN 4142	FIBRE OPTIC COMMUNICATION
	ECEN 4144	ADHOC NETWORK AND SECURITY

ELECTIVE(FACULTY NAMES)

DAY	OPEN ELECTIVES	FACULTY NAMES
MONDAY (12:25 PM – 1.20 PM)	ECEN 4121	PRB
	INFO 4121	UKD
	CSEN 4121	AG
	MATH 4121	SC
WEDNESDAY (12:25 PM – 1.20 PM)	ECEN 4121	PRB
	INFO 4121	UKD
	CSEN 4121	AG
	MATH 4121	SC
FRIDAY (12:25 PM – 1.20 PM)	ECEN 4121	PRB
	INFO 4121	DPN

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SEC B

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

	CSEN 4121	AG
	MATH 4121	SC
MONDAY (1:20 PM – 2:15 PM)	ECEN 4124	AMB
	CSEN4126	TC
	AEIE 4126	IN
	AEIE 4127	DMG
	CHEN 4126	SB
WEDNESDAY (1:20 PM – 2:15 PM)	ECEN 4124	AMB
	CSEN4126	TC
	AEIE 4126	AP
	AEIE 4127	SAM
	CHEN 4126	SV
FRIDAY ((1:20 PM – 2:15 PM)	ECEN 4124	AMB
	CSEN4126	TC
	AEIE 4126	IN
	AEIE 4127	DMG
	CHEN 4126	SV
TUESDAY (9:00 AM – 9:55 AM & 9:55 AM – 10:50 AM)	ECEN 4142	AC
	ECEN 4142	AMD
	ECEN 4144	SCH
WEDNESDAY (2:15 PM – 03:10 PM)	ECEN 4142	AC
	ECEN 4142	AMD
	ECEN 4144	SCH

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SEC B

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

COURSE STRUCTURE

4th Year 1st Semester:

A. Theory								
Sl. No.	Category	Course Code	Course Title	Contact Hours /Week				Credit Points
				L	T	P	Total	
1	Professional Elective-3	i) ECEN4141	i) Adaptive Signal Processing	3	0	0	3	3
		ii)ECEN4142	ii)Fiber Optic Communication					
		iii)ECEN4143	iii) Electromagnetic Interference and Compatibility					
		iv)ECEN4144	iv) Ad Hoc networks and security					
2	Open Elective-2	i) INFO4121	i) Fundamentals of Cloud Computing	3	0	0	3	3
		ii)ECEN4121	ii) Software Defined Radio					
		iii)AEIE4122	iii)Linear Control Systems and Applications					
		iv)CSEN4121	iv)Fundamentals of Operating Systems					
		v)MATH4121	v)Methods in Optimization					
		vi)MATH4122	vi)Advanced Linear Algebra					
3	Open Elective- 3	i)AEIE4126	i)Optical Instrumentation	3	0	0	3	3
		ii)AEIE4127	ii) Introduction to Embedded System					
		iii)CSEN4126	iii) Intelligent Web and Big Data					
		iv)BIOT4124	iv) Biosensor					
		v) CHEN4123	v)Industrial Total Quality Management					
		vi) ECEN4124	vi)Principles of Radar					
4	HU	HMTS4101	Principles of Management	3	0	0	3	3
Total Theory				12	0	0	12	12

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SESSION: 2021-2022

B. Sessional									
5	Project Work	ECEN4195	Project Stage – I	0	0	8	8	4	
6	Industrial Training/ Internship	ECEN4191	Industrial Training/ Internship	-	-	-	-	2	
Total Sessional				0	0	8	8	6	
Total of Semester without Honours				12	0	8	20	18	

C. Honours									
1	Honours	ECEN4111	Microelectronics and Analog VLSI design	3	0	0	3	3	
		ECEN4161	Microelectronics and Analog VLSI design Laboratory	0	0	2	2	1	
Total Honours				3	0	2	5	4	
Total of Semester with Honours				15	0	10	25	22	

Open Elective -2	i)ECEN4121 ii) ECEN4122 iii) ECEN4123	i) Software Defined Radio ii)Introduction to Machine Learning iii) Error Control Coding for Secure Data Transmission
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Table 2: Open Elective 2 (to be offered by ECE department)

Open Elective -3	i)ECEN4124 ii)ECEN4125 iii) ECEN4126	i) Principles of Radar ii) Ad Hoc Wireless Networks iii)Introduction to VLSI Design
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Table 3: Open Elective 3 (to be offered by ECE department)

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TIME TABLE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SEC C

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

DAY	9.00 AM – 9.55AM	9.55AM – 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		L/ECEN4111/KD	L/ECEN4111/KD	Break	L/ECEN 4121/PRB L/INFO 4121/UKD L/CSEN 4121/AG L/MATH 4121/DC	L/ECEN 4124/AMB L/CSEN 4126/TC L/AEIE 4126/IN L/AEIE 4127/DMG L/CHEN 4126/SB				
TUE	L/ECEN 4142/AC L/ECEN 4142/ AMD/ L/ECEN 4144/ SCH									
WED					L/ECEN 4121/PRB L/INFO 4121/UKD L/CSEN 4121/AG L/MATH 4121/MS	L/ECEN 4124/AMB L/CSEN 4126/TC L/AEIE 4126/AP L/AEIE 4127/SAM L/CHEN 4126/SV	L/ECEN 4142/AC L/ECEN 4142/ AMD L/ECEN 4144/ SCH	L/HMTS 4101/GF 1		
THU			L/ECEN 4142/AC L/ECEN 4142/ AMD L/ECEN 4144/ SCH							
FRI	L/ECEN4111/KD				L/ECEN 4121/PRB L/INFO 4121/DPN L/CSEN 4121/AG L/MATH 4121/MS	L/ECEN 4124/AMB L/CSEN 4126/TC L/AEIE 4126/IN L/AEIE 4127/DMG L/CHEN 4126/SV		L/HMTS 4101/GF 1	L/HMTS 4101/GF 2	

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TIME TABLE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SEC C

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

FACULTY NAMES

Faculty names	Initials	Department
Prof. (Dr.) Prabir Banerjee	PRB	ECE
Prof. Ananya Chattopadhyay	AC	ECE
Prof.(Dr.) Asima Adak	AMD	ECE
Prof.(Dr.) Tapas Chakraborty	TC	ECE
Prof.(Dr.) Sabyasachi Chatterjee	SCH	ECE
Prof. Amrita Banerjee	AMB	ECE
Prof.(Dr.) Kasturi Mukherjee	KM	ECE
Prof.(Dr.) Srabanti Pandit	SP	ECE
Prof. Krishanu Datta	KD	ECE
Prof. Debanjali Sadhu	DS	ECE
Prof. Damayanti Ghosh	DMG	AEIE
Prof. Samiul Alam	SAM	AEIE
Prof. Indrajit Naskar	IN	AEIE
Prof.(Dr.) Arabindakr Pal	AP	AEIE
Prof.(Dr.) Anindita Kundu	AG	CSE
Prof. (Dr.) Sangita Bhattacharjee	SB	Ch.E
Prof. (Dr.) Swami Vedajnananda	SV	Ch.E
Prof. Uttam Kumar Dash	UKD	IT
Prof. Deep Malya Mukhopadhyay	DPN	IT
Prof.(Dr.) Dipankar Chakraborty	DC	MATHEMATICS
Prof. Moulipriya Sarkar	MS	MATHEMATICS
GUEST FACULTY 1	GF 1	HUMANTIES
GUEST FACULTY 2	GF 2	HUMANTIES
GUEST FACULTY 3	GF 3	HUMANTIES

TA NAMES

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SEC C

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

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

COURSE STRUCTURE

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SEC C

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

4th Year 1st Semester:

A. Theory								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Elective-3	i) ECEN4141	i) Adaptive Signal Processing	3	0	0	3	3
		ii)ECEN4142	ii)Fiber Optic Communication					
		iii)ECEN4143	iii) Electromagnetic Interference and Compatibility					
		iv)ECEN4144	iv) Ad Hoc networks and security					
2	Open Elective-2	i) INFO4121	i) Fundamentals of Cloud Computing	3	0	0	3	3
		ii)ECEN4121	ii) Software Defined Radio					
		iii)AEIE4122	iii)Linear Control Systems and Applications					
		iv)CSEN4121	iv)Fundamentals of Operating Systems					
		v)MATH4121	v)Methods in Optimization					
		vi)MATH4122	vi)Advanced Linear Algebra					
3	Open Elective- 3	i)AEIE4126	i)Optical Instrumentation	3	0	0	3	3
		ii)AEIE4127	ii) Introduction to Embedded System					
		iii)CSEN4126	iii) Intelligent Web and Big Data					
		iv)BIOT4124	iv) Biosensor					
		v) CHEN4123	v)Industrial Total Quality Management					
		vi) ECEN4124	vi)Principles of Radar					
4	HU	HMTS4101	Principles of Management	3	0	0	3	3
Total Theory				12	0	0	12	12

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SEC C

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

B. Sessional									
5	Project Work	ECEN4195	Project Stage – I	0	0	8	8	4	
6	Industrial Training/ Internship	ECEN4191	Industrial Training/ Internship	-	-	-	-	2	
Total Sessional				0	0	8	8	6	
Total of Semester without Honours				12	0	8	20	18	

C. Honours									
1	Honours	ECEN4111	Microelectronics and Analog VLSI design	3	0	0	3	3	
		ECEN4161	Microelectronics and Analog VLSI design Laboratory	0	0	2	2	1	
Total Honours				3	0	2	5	4	
Total of Semester with Honours				15	0	10	25	22	

Open Elective -2	i) ECEN4121	i) Software Defined Radio
	ii) ECEN4122	ii) Introduction to Machine Learning
	iii) ECEN4123	iii) Error Control Coding for Secure Data Transmission

Table 2: Open Elective 2 (to be offered by ECE department)

Open Elective -3	i) ECEN4124	i) Principles of Radar
	ii) ECEN4125	ii) Ad Hoc Wireless Networks
	iii) ECEN4126	iii) Introduction to VLSI Design

Table 3: Open Elective 3 (to be offered by ECE department)

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

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SEC C

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

	COURSE CODE	COURSE NAME
OE 2	ECEN 4121	SOFTWARE DEFINED RADIO
	INFO 4121	FUNDAMENTAL OF CLOUD COMPUTING
	CSEN 4121	FUNDAMENTAL OF OPERATING SYSTEM
	MATH 4121	METHODS IN OPTIMIZATION
OE 3	ECEN 4124	PRINCIPLES OF RADAR
	CSEN4126	INTELLIGENT WEB AND BIG DATA
	AEIE 4126	OPTICAL INSTRUMENTATION
	AEIE 4127	INTRODUCTION TO EMBEDDED SYSTEM
	CHEN 4126	INDUSTRIAL TOTAL QUALITY MANAGEMENT
PE	ECEN 4142	FIBRE OPTIC COMMUNICATION
	ECEN 4144	ADHOC NETWORK AND SECURITY

ELECTIVE (FACULTY NAMES)

DAY		FACULTY NAMES
MONDAY (12:25 PM – 1.20 PM)	ECEN 4121	PRB
	INFO 4121	UKD
	CSEN 4121	AG
	MATH 4121	SC
WEDNESDAY (12:25 PM – 1.20 PM)	ECEN 4121	PRB
	INFO 4121	UKD
	CSEN 4121	AG
	MATH 4121	SC

To be effective from 1st December, 2021
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Students should target 100% attendance

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SEC C

B.TECH, 4th YEAR, 1st SEMESTER

SESSION: 2021-2022

FRIDAY (12:25 PM – 1.20 PM)	ECEN 4121	PRB
	INFO 4121	DPN
	CSEN 4121	AG
	MATH 4121	SC
MONDAY (1:20 PM – 2:15 PM)	ECEN 4124	AMB
	CSEN4126	TC
	AEIE 4126	IN
	AEIE 4127	DMG
	CHEN 4126	SB
WEDNESDAY (1:20 PM – 2:15 PM)	ECEN 4124	AMB
	CSEN4126	TC
	AEIE 4126	AP
	AEIE 4127	SAM
	CHEN 4126	SV
FRIDAY ((1:20 PM – 2:15 PM)	ECEN 4124	AMB
	CSEN4126	TC
	AEIE 4126	IN
	AEIE 4127	DMG
	CHEN 4126	SV
TUESDAY (9:00 AM – 9:55 AM & 9:55 AM – 10:50 AM)	ECEN 4142	AC
	ECEN 4142	AMD
	ECEN 4144	SCH
WEDNESDAY (2:15 PM – 03:10 PM)	ECEN 4142	AC
	ECEN 4142	AMD
	ECEN 4144	SCH

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

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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/ HMTS4101/ ID	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		L/ HMTS4101/ ID	L/AEIE4111 /MC		L/AEIE4132/AP	L/AEIE4132 /AP				
WED		L/AEIE4131/ AKB			L/BIOT4124/SHD L/CSEN4121/AG L/INFO4121/UKD	L/CHEN4126/SWB L/CSEN4126/TC L/ECEN4127/AC L/MATH4126/SC L/MECH4130/BP				
THU		L/AEIE4111/ MC	L/AEIE4111/ MC							
FRI	L/AEIE4131 /AKB	L/AEIE4111 /MC	L /HMTS4101 /GDG		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 December 2021

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

Students should target 100% attendance

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

B.Tech 4th Year 1st Semester

Session 2021 – 2022

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	
ID	Mrs. Indrani De	Humanities
GDG	Mr. Gautam Das Gupta	
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

Member

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

B. Tech 4th Year 1st Semester

Session 2021 – 2022

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
		MATH4121	Methods in Optimization
Open Electives III	VII	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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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE

B. Tech. 4th year 1 st semester				DEPARTMENT OF BIOTECHNOLOGY				SESSION: 2021- 2022		
DAY	9.00AM- 9.50AM	9.55AM- 10.45AM	10.50AM- 11.40AM	11.45AM- 12.25AM	12.25PM- 1.15PM	1.20PM- 2.10PM	2.15PM- 3.05PM	3.10PM- 4.00PM	4.05PM- 4:55PM	5.00PM- 5.50PM
MON	BIOT4111 TKG	BIOT4121 NKJ	PROJECT	BREAK	PROJECT	CHEN4126(SB)/ CHEN4127(SC)	HMTS 4101 GDC	PROJECT		
		BIOT4122 SMB								
TUE	BIOT4131 SHD	PROJECT	BIOT4111 NKJ		BIOT4131 SDE	PROJECT				
	BIOT 4132 KM				BIOT 4132 RC					
WED	BIOT4122 RG	BIOT4111 NKJ	BIOT4121 DC		PROJECT	CHEN4126(SWV)/ CHEN4127 (DS)	HMTS 4101 TBA	PROJECT		
	BIOT4121 NKJ									
THU	BIOT4131 SHD	PROJECT	BIOT4111 NKJ		BIOT 4131 SDE	PROJECT				
	BIOT4132 RC				BIOT4132 KM					
FRI	PROJECT	BIOT4121 DC	BIOT4122 RG		PROJECT	CHEN4126(SWV)/ CHEN4127(SC)	HMTS 4101 TBA	PROJECT		
		BIOT4122 SMB								

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.

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE

B. Tech. 4th year 1st semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

Faculty Abbreviation	Name of the Faculty	Name of the 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
SC	Prof. Sulagna Chatterjee	Chemical
DC	Prof. Dwaipayan Sen	Chemical
SB	Prof. Sangita Bhattacharjee	Chemical
SWV	Prof. Swami Vdajnananda	Chemical
GDC	Rog. Goutam Das Gupta	HUM

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

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE

B. Tech. 4th year 1st semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

4th Year 1st Semester

A. THEORY								
Sl No	Course Code	Field	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	HMTS4101	Humanities	Principles of Management	3	0	0	3	3
2	BIOT4131	Prof. Elective 3	Biomaterials	3	0	0	3	3
	BIOT4132		Biofertilizers and Biopesticides					
	BIOT4133		Post-harvest Technology					
	BIOT4134		Biometallurgy					
3	BIOT4121	Emerging Area / Open Elective 2	Proteomics and Protein Engineering	3	0	0	3	3
	BIOT4122		Human Genomics					
	BIOT4123		Biomedical Engineering					
4		Open Elective 3*		3	0	0	3	3
Total of Theory				12	0	0	12	12
B. SESSIONAL								
1	BIOT4191	Internship	Industrial Training / Internship	4 to 6 weeks				2
2	BIOT4195	Project	Project 1	0	0	8	8	4
Total of Sessional				0	0	8	8	6
Total of Semester without Honours				12	0	8	20	18
C. HONOURS								
1	BIOT4111	Honours	Animal Cell Culture & Animal biotechnology	4	0	0	4	4
Total Honours				4	0	0	4	4

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF CHEMICAL ENGINEERING

B.Tech 4th 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	12.25 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 PM	5 PM – 5.55 PM
MON				BREAK	L/AEIE 4121/RSG	L/AEIE4126 /IN	HMTS 4101			
					L/BIOT 4124/ TBA	L/BIOT 4126/TBA				
TUE				BREAK	L/CHEN 4131/SC		L/CHEN 4131/PS	T/CHEN 4111/PS		
WED				BREAK	L/AEIE 4121/AMS	L/AEIE4126 /AP	HMTS 4101/	L/CHEN 4133/SWV/	L/CHEN 4133/SWV/	
					L/BIOT 4124/ TBA	L/BIOT 4126/ TBA				
THU				BREAK	L/CHEN 4111/PS/	L/CHEN 4131/SC/		L/CHEN 4132/AM/		
FRI	L/CHEN 4111/SB	L/CHEN 4132/AM	L/CHEN 4111/SB	BREAK	L/AEIE 4121/RSG/	L/AEIE4126 /IN	HMTS 4101/	L/CHEN 4132/PS/	L/CHEN 4133/SWV/	
					L/BIOT 4124/ TBA	L/BIOT 4126/ TBA				

To 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

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF CHEMICAL ENGINEERING

B.Tech 4th year 1st Semester

Session 2021– 2022

INITIAL	FULL NAME	DEPARTMENT
PB	Prof.Pinaki Bhattacharya	Chemical Engineering
SC	Prof. Sulagna Chatterjee	Chemical Engineering
SWV	Prof. Swami Vedajnananda	Chemical Engineering
PS	Prof. Pramita Sen	Chemical Engineering
SB	Prof.Sangita Bhattacharjee	Chemical Engineering
AM	Prof. Abhyuday Mallick	Chemical Engineering
DS	Prof.Dwaipayan Sen	Chemical Engineering
AG	Prof.Avijit Ghosh	Chemical Engineering
MDC	Prof. Madhumita Das Chanda	Humanities
RSG	Prof. Reshma Sengupta	Applied Electronics & Instrumentation Engineering
AMS	Prof. Arindam Sarkar	Applied Electronics & Instrumentation Engineering
IN	Prof. Indrajit Naskar	Applied Electronics & Instrumentation Engineering
AP	Dr. Arabina Kumar Pal	Applied Electronics & Instrumentation Engineering
TBA	To be announced	Biotechnology

T.A. Names

MR – Manjur Rahaman
 SM – Subrata Mukherjee
 SS - Sudipto Shit
 SB – Selina Begum
 SD – Shyamasree Das
 SBH – Saswati Bhattacharya
 MG –Manashi Ghosh

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF CHEMICAL ENGINEERING

B.Tech4th year1stSemester

Session 2021 – 2022

THEORY							
S.No	Code	Course Title	L	T	P	H	Credit
01	CHEN 4131-4133	Professional Elective IV	3	0	0	3	3
02	HMTS 4101	Principles of Management	3	0	0	3	3
03		Open Elective-II	3	0	0	3	3
04		Open Elective-III	3	0	0	3	3
	Total Theory						12
LABORATORY/SESSIONAL							
S.No	Code	Course Title	L	T	P	H	Credit
01	CHEN 4151	Design & Simulation Laboratory I	0	0	3	3	1.5
02	CHEN 4195	Project –I	0	0	0	7	3.5
03	CHEN 4191	Industrial Training					2
	Total Practical						7
	Semester Total						19
HONOURS							
01	CHEN4111	Industrial Process Control & Instrumentation	3	1	0	4	4
	Honours Total						4

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF CIVIL ENGINEERING

B. Tech.: 4th Year 7th Semester (Sec-A)

SESSION: 2021 – 2022 (Odd Semester)

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/CIVL 4115 /RL	L/CIVL 4115 /RL	T1/CIVL 4146 /BD	BREAK	L /MECH 4123/SSP	L/MECH 4129/AKR	L/HMTS 4101/ BB			
			L/BIOT 4126/ SHD							
			L/CHEN 4126 / SB							
TUE	L/CIVL 4115 /RL	T/CIVL 4115 /RL								T2/CIVL 4141 /SK
WED			L/CIVL 4141 /PBC		L/ MECH 4123 /SSP	L/MECH 4129/AKR				
						L/ BIOT 4126/ BC				
						L/CHEN 4126 / SWV				
THU	L/HMTS 4101/ AB/CB	L/HMTS 4101/ BB	L/CIVL 4146 /BD		Library					
					T2/CIVL 4146 /RR					
FRI	L/CIVL 4146 /RR	L/CIVL 4146 /RR	T1/CIVL 4141 /PBC		L/MECH 4123/SSP	L/MECH 4129 / AKR	L/CIVL 4141 /SK			
						L/ BIOT 4126/N BC				
						L/CHEN 4126 / SWV				

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.

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF CIVIL ENGINEERING

B. Tech.: 4th Year 7th Semester (Sec-A)

SESSION: 2021 – 2022 (Odd Semester)

Abbreviations:

INITIAL	FULL NAME	DEPARTMENT
RL	Prof. (Dr.) Rajashree Lodh	Civil Engineering
PBC	Prof. Puja Basu Chaudhuri	Civil Engineering
RR	Prof. Rudra Prasad Roychowdhury	Civil Engineering
SK	Prof. Sourav Kar	Civil Engineering
TD	Prof. Tushar Das	Civil Engineering
CB	Prof. Chandrima Bhadra	Civil Engineering
DG	Prof. Debanjan Ghosh	Civil Engineering
BD	Prof. Biswarup Das	Civil Engineering
SSP	Prof. (Dr.) Suswagata Poria	Mechanical Engg.
AKR	Prof. (Dr.) Amal Kr. Ray	Mechanical Engg.
AB	Prof. Anubhab Basu	Mechanical Engg.
SB	Prof. (Dr.) Sangita Bhattacharjee	Chemical Engg.
SWV	Prof. (Dr.) Swami Vedajnananda	Chemical Engg.
BB	Dr. Bobby Basu	HBS
AB	Dr. Arunava Bhattacharya	HBS
CB	Dr.Chitra Bagchi	HBS
SHD	Prof Sonali Hazra Das	Biotechnology
BC	Prof. Bhaswati Chakraborty	Biotechnology

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.

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF CIVIL ENGINEERING

B. Tech.: 4th Year 7th Semester (Sec-A)
COURSE STRUCTURE:

SESSION: 2021 – 2022 (Odd Semester)



FOURTH YEAR SEVENTH SEMESTER

A. Theory							
Sl. No.	Code	Subject	Contacts Hours / Week			Total	Credit Points
			L	T	P		
1.	HMTS 4101	Principles of Management	3	0	0	3	3
2.	CIVL 4141 - CIVL 4144	Professional Elective - III	3	0	0	3	3
3.	CIVL 4145 - CIVL 4148	Professional Elective - IV	3	0	0	3	3
4.	CIVL 4121 & CIVL 4122	Open Elective – II	3	0	0	3	3
5.	CIVL 4123 & CIVL 4124	Open Elective - III	3	0	0	3	3
Total Theory			15	0	0	15	15
B. Sessional							
1.	CIVL 4191	Industrial Training / Internship	-	-	-	-	2
2.	CIVL 4195	Project – I	0	0	8	8	4
Total Sessional			0	0	8	8	6
Total of Semester without Honours			15	0	8	23	21
C. Honours							
1.	CIVL 4115	Water Resources Engineering	3	1	0	4	4
Total Honours			3	1	0	4	4
Total of Semester with Honours			18	1	8	27	25

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.

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF CIVIL ENGINEERING

B. Tech.: 4th Year 7th Semester (Sec-B)

SESSION: 2021 – 2022 (Odd Semester)

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/CIVL 4146 /RR	L/CIVL 4141/ PBC	L/CIVL 4141 PBC		L/MECH 4123/ AB	L/MECH 4129/AKR		REMEDIAL			
					L/BIOT 4126/ SHD						
					L/CHEN 4126 /SB	T2/CIVL 4146 /BD					
TUE	L/CIVL 4146 /BD	L/CIVL 4146/ BD	Library								
WED		L/CIVL 4115/ RL	L/CIVL 4115 /RL		L/MECH 4123/ AB	L/MECH 4129 / AKR		REMEDIAL			
						L/ BIOT 4126/BC					
						L/CHEN 4126 / SWV	T2/CIVL 4141 /PBC				
THU		L/CIVL 4115/ RL	T1/CIVL 4115/ RL		L/HMTS 4101 /ID	L/HMTS 4101 ID	T1/CIVL 4146 /RR				
FRI		L/CIVL 4141/ SK	T1/CIVL 4141/ SK		L/MECH 4123/ AB	L/MECH 4129/AKR	L/HMTS 4101 /GDG				
						L/ BIOT 4126/ BC					
			Library			L/CHEN 4126 / SWV					

Dedicated Class Room number- CME 406

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.

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF CIVIL ENGINEERING

B. Tech.: 4th Year 7th Semester (Sec-B)

SESSION: 2021 – 2022 (Odd Semester)

INITIAL	FULL NAME	DEPARTMENT
RL	Prof. (Dr.) Rajashree Lodh	Civil Engineering
PBC	Prof. Puja Basu Chaudhuri	Civil Engineering
RR	Prof. Rudra Prasad Roychowdhury	Civil Engineering
SK	Prof. Sourav Kar	Civil Engineering
TD	Prof. Tushar Das	Civil Engineering
CB	Prof. Chandrima Bhadra	Civil Engineering
DG	Prof. Debanjan Ghosh	Civil Engineering
BD	Prof. Biswarup Das	Civil Engineering
SSP	Prof.(Dr.) Suswagata Poria	Mechanical Engg.
AKR	Prof. (Dr.) Amal Kr. Ray	Mechanical Engg.
AB	Prof. Anubhab Basu	Mechanical Engg.
SB	Prof.(Dr.) Sangita Bhattacharjee	Chemical Engg.
SWV	Prof.(Dr.) Swami Vedajnananda	Chemical Engg.
ID	Mrs. Indrani De	Humanities
GDG	Mr. Gautam Das Gupta	Humanities
SHD	Prof Sonali Hazra Das	Biotechnology
BC	Prof. Bhaswati Chakraborty	Biotechnology

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
DEPARTMENT OF CIVIL ENGINEERING

B. Tech.: 4th Year 7th Semester (Sec-B)
COURSE STRUCTURE:

SESSION: 2021 – 2022 (Odd Semester)



FOURTH YEAR SEVENTH SEMESTER

A. Theory							
Sl. No.	Code	Subject	Contacts Hours / Week			Total	Credit Points
			L	T	P		
1.	HMTS 4101	Principles of Management	3	0	0	3	3
2.	CIVL 4141 - CIVL 4144	Professional Elective - III	3	0	0	3	3
3.	CIVL 4145 - CIVL 4148	Professional Elective - IV	3	0	0	3	3
4.	CIVL 4121 & CIVL 4122	Open Elective – II	3	0	0	3	3
5.	CIVL 4123 & CIVL 4124	Open Elective - III	3	0	0	3	3
Total Theory			15	0	0	15	15
B. Sessional							
1.	CIVL 4191	Industrial Training / Internship	-	-	-	-	2
2.	CIVL 4195	Project – I	0	0	8	8	4
Total Sessional			0	0	8	8	6
Total of Semester without Honours			15	0	8	23	21
C. Honours							
1.	CIVL 4115	Water Resources Engineering	3	1	0	4	4
Total Honours			3	1	0	4	4
Total of Semester with Honours			18	1	8	27	25

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
DEPARTMENT OF MECHANICAL ENGINEERING**

B. Tech.: 4th Year 7th Semester (Sec-A)

TIME TABLE

SESSION: 2021 – 2022 (Odd Semester)

(A1: 1857001 - 1857040; A2: 1857041 -1857081)

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	Gr 1	MECH 4111/ME A/RD/			LUNCH BREAK	MECH 4121/ABS/ MECH 4122/RD/ CIVL 4121/BD /	MECH 4126/SKS/ MECH 4127/RD/ MECH 4128/SBH/ CIVL 4126/DG/	Project			
	Gr 2										
TUE	Gr 1			REMEDIAL/		MECH 4141/JS/ MECH 4142/SBH/ MECH 4143/SDR / MECH 4144/SNM/	HMTS 4101/ME A/ID /	Project	HMTS 4101/ ME A/GF3		
	Gr 2										
WED	Gr 1	MECH 4141/BP/ MECH 4142/SSP/ MECH 4143/SDR/ MECH 4144/SNM/	REMEDIAL/	LIBRARY		MECH 4121/ABS/ MECH 4122/SK/ CIVL 4121/BD/	MECH 4126/SKS/ MECH 4127/RD/ MECH 4128/SBH/ CIVL 4126/DG /	Project			
	Gr 2										
THU	Gr 1			MECH 4111/ ME A/ SH/		MECH 4141/BP/ MECH 4142/SSP/ MECH 4143/AB/ MECH 4144/SNM/		Project			
	Gr 2										
FRI	Gr 1	MECH 4111/ME A/SH/	HMTS 4101/ ME A/GDG/			MECH 4121/ABS/ MECH 4122/RD/ CIVL 4121/ CB/	MECH 4126/SKS/ MECH 4127/SDR/ MECH 4128/SB/ CIVL 4126/ TD/	Project			
	Gr 2										

To be effective from 1st Dec, 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
DEPARTMENT OF MECHANICAL ENGINEERING**

B. Tech.: 4th Year 7th Semester (Sec-A)

TIME TABLE

SESSION: 2021 – 2022 (Odd Semester)

(A1: 1857001 - 1857040; A2: 1857041 -1857081)

INITIALS	FULLNAME	DEPARTMENT
BD	Prof. Biswarup Das	CE
CB	Prof. Chandrima Bhadra	CE
DG	Prof. Debanjan Ghosh	CE
TD	Prof. Tushar Das	CE
ID	Mrs. Indrani De	HUM
GDG	Mr. Gautam Das Gupta	HUM
SH	Prof. Sudip Kumar Halder	ME
ABS	Prof. Amalendu Biswas	ME
SK	Prof. Subham Kundu	ME
RD	Prof. Rajat Duta	ME
SDR	Prof. Sudipta Roy	ME
SBH	Prof. Sovan Bhowmick	ME
SNM	Prof. S. N. Mukhopadhyay	ME
JS	Prof. (Dr.) Jyotirmoy Saha	ME
BP	Prof. Bankim Pattanayak	ME
SSP	Prof (Dr.) Suswagata Poria	ME
SKS	Prof. Sukanta Saha	ME
AB	Prof. Anubhab Basu	ME
SB	Prof. (Dr.) Sumanta Banerjee	ME

To be effective from 1st Dec, 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
DEPARTMENT OF MECHANICAL ENGINEERING

B. Tech.: 4th Year 7th Semester (Sec-A)

TIME TABLE

SESSION: 2021 – 2022 (Odd Semester)

(A1: 1857001 - 1857040; A2: 1857041 -1857081)

Theory								
Sl. No.	Category	Course Code	Course Title	Contact Hrs/Week				Credit Points
				L	T	P	Total	
1	Humanities	HMTS 4101	Principles of Management	3	0	0	3	3
2	Professional Elective Courses	MECH 4141-4144	Professional Elective – IV	3	0	0	3	3
3	Open Elective Courses	4121-4125	Open Elective-II (Emerging Field)	3	0	0	3	3
4	Open Elective Courses	4126-4130	Open Elective-III (Emerging Field)	3	0	0	3	3
Total Theory				12	0	0	12	12
Sessional								
1	Project/ Summer internship	MECH 4191	Industrial Training /Summer internship	-	-	-	-	2
2	Project	MECH 4195	Project - I	0	0	8	8	4
Total Sessional				0	0	8	8	6
Total of Semester				12	0	8	20	18
Honours Course								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Core Courses	MECH 4111	Advanced Manufacturing and Automation	3	0	0	3	3
2	Professional Core Courses	MECH 4161	Advanced Manufacturing and Automation Lab	0	0	2	2	1
Total Semester with Honours				15	0	10	25	22

To be effective from 1st Dec, 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
DEPARTMENT OF MECHANICAL ENGINEERING**

B. Tech.: 4th Year 7th Semester (Sec-A)

TIME TABLE

SESSION: 2021 – 2022 (Odd Semester)

(A1: 1857001 - 1857040; A2: 1857041 -1857081)

List of Professional Elective – IV

1. MECH 4141 : Maintenance Engineering
2. MECH 4142 : Materials Handling
3. MECH 4143 : Operations Research
4. MECH 4144 : Automobile Engineering

List of Open Elective- II :Emerging Field (Mech) or other departmental subjects

1. MECH 4121 : CAD/CAM
2. MECH 4122 : Micro and Nano Manufacturing
3. CIVL 4121 : Project Planning and Management
4. AEIE 4121 : Instrumentation and Telemetry

List of Open Elective- III :Emerging Field (Mech) or other departmental subjects

1. MECH 4126 :Renewable Energy Systems
2. MECH 4127 : Industrial Robotics
3. MECH 4128 : Computational Methods in Engineering
4. CIVL 4126 : An introduction to Concrete Technology

List of Open Electives offered by ME Department for other departments:

For Open Elective II

1. MECH 4123 : Mechanical Handling of Materials
2. MECH 4124 : Engineering Computational Techniques

For Open Elective III

1. MECH 4129 : Quality Control & Management
2. MECH 4130 : Ecology and Environmental Engineering

To be effective from 1st Dec, 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
DEPARTMENT OF MECHANICAL ENGINEERING

B. Tech.: 4th Year 7th Semester (Sec-B)

TIME TABLE

SESSION: 2021 – 2022 (Odd Semester)

(B1: 1857087 - 1857129; B2: 1857130 - 1857160)

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	Gr 1	MECH 4111/ME B/ VKS		HMTS 4101/ ME B/ GDG/	LUNCH BREAK	MECH 4121/ABS/ MECH 4122/RD/ CIVL 4121/BD /	MECH 4126/SKS/ MECH 4127/SDR/ MECH 4128/SBH/ CIVL 4126/DG /	Project			
	Gr 2										
TUE	Gr 1	REMEDIAL	MECH 4111/ ME B/ SK/			MECH 4141/JS/ MECH 4142/SBH/ MECH 4143/SDR / MECH 4144/SNM/			Project		
	Gr 2										
WED	Gr 1	MECH 4141/BP/ MECH 4142/SSP/ MECH 4143/SDR/ MECH 4144/SNM/		HMTS 4101/ ME B/ GF1/		MECH 4121/ABS/ MECH 4122/SK/ CIVL 4121/BD /	MECH 4126/SKS/ MECH 4127/RD/ MECH 4128/SBH/ CIVL 4126/DG /	Project			
	Gr 2										
THU	Gr 1	MECH 4111/ME B/ SK/	REMEDIAL			MECH 4141/BP/ MECH 4142/SSP/ MECH 4143/AB/ MECH 4144/SNM/	LIBRARY	Project			
	Gr 2										
FRI	Gr 1			HMTS 4101/ ME B/ GF1/		MECH 4121/ABS/ MECH 4122/RD/ CIVL 4121/ CB/	MECH 4126/SKS/ MECH 4127/RD/ MECH 4128/SB/ CIVL 4126/ TD/	Project			
	Gr 2										

To be effective from 1st Dec, 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
DEPARTMENT OF MECHANICAL ENGINEERING**

B. Tech.: 4th Year 7th Semester (Sec-B)

TIME TABLE

SESSION: 2021 – 2022 (Odd Semester)

(B1: 1857087 - 1857129; B2: 1857130 - 1857160)

INITIALS	FULLNAME	DEPARTMENT
BD	Prof. Biswarup Das	CE
CB	Prof. Chandrima Bhadra	CE
DG	Prof. Debanjan Ghosh	CE
TD	Prof. Tushar Das	CE
GDG	Mr. Gautam Das Gupta	HUM
GF1	Guest Faculty	HUM
VKS	Prof. Vishnu Kumar Singh	ME
ABS	Prof. Amalendu Biswas	ME
SK	Prof. Subham Kundu	ME
RD	Prof. Rajat Duta	ME
SDR	Prof. Sudipta Roy	ME
SBH	Prof. Sovan Bhowmick	ME
SNM	Prof. S. N. Mukhopadhyay	ME
JS	Prof. (Dr.) Jyotirmoy Saha	ME
BP	Prof. Bankim Pattanayak	ME
SSP	Prof (Dr.) Suswagata Poria	ME
SKS	Prof. Sukanta Saha	ME
AB	Prof. Anubhab Basu	ME
SB	Prof. (Dr.) Sumanta Banerjee	ME

To be effective from 1st Dec, 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
DEPARTMENT OF MECHANICAL ENGINEERING**

B. Tech.: 4th Year 7th Semester (Sec-B)

TIME TABLE

SESSION: 2021 – 2022 (Odd Semester)

(B1: 1857087 - 1857129; B2: 1857130 - 1857160)

Theory								
Sl. No.	Category	Course Code	Course Title	Contact Hrs/Week				Credit Points
				L	T	P	Total	
1	Humanities	HMTS 4101	Principles of Management	3	0	0	3	3
2	Professional Elective Courses	MECH 4141-4144	Professional Elective – IV	3	0	0	3	3
3	Open Elective Courses	4121-4125	Open Elective-II (Emerging Field)	3	0	0	3	3
4	Open Elective Courses	4126-4130	Open Elective-III (Emerging Field)	3	0	0	3	3
Total Theory				12	0	0	12	12
Sessional								
1	Project/ Summer internship	MECH 4191	Industrial Training /Summer internship	-	-	-	-	2
2	Project	MECH 4195	Project - I	0	0	8	8	4
Total Sessional				0	0	8	8	6
Total of Semester				12	0	8	20	18
Honours Course								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Core Courses	MECH 4111	Advanced Manufacturing and Automation	3	0	0	3	3
2	Professional Core Courses	MECH 4161	Advanced Manufacturing and Automation Lab	0	0	2	2	1
Total Semester with Honours				15	0	10	25	22

To be effective from 1st Dec, 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
DEPARTMENT OF MECHANICAL ENGINEERING**

B. Tech.: 4th Year 7th Semester (Sec-B)

TIME TABLE

SESSION: 2021 – 2022 (Odd Semester)

(B1: 1857087 - 1857129; B2: 1857130 - 1857160)

List of Professional Elective – IV

- | | |
|--------------|---------------------------|
| 1. MECH 4141 | : Maintenance Engineering |
| 2. MECH 4142 | : Materials Handling |
| 3. MECH 4143 | : Operations Research |
| 4. MECH 4144 | : Automobile Engineering |

List of Open Elective- II :Emerging Field (Mech) or other departmental subjects

- | | |
|--------------|-----------------------------------|
| 1. MECH 4121 | : CAD/CAM |
| 2. MECH 4122 | : Micro and Nano Manufacturing |
| 3. CIVL 4121 | : Project Planning and Management |
| 4. AEIE 4121 | : Instrumentation and Telemetry |

List of Open Elective- III :Emerging Field (Mech) or other departmental subjects

- | | |
|--------------|--|
| 1. MECH 4126 | :Renewable Energy Systems |
| 2. MECH 4127 | : Industrial Robotics |
| 3. MECH 4128 | : Computational Methods in Engineering |
| 4. CIVL 4126 | : An introduction to Concrete Technology |

List of Open Electives offered by ME Department for other departments:

For Open Elective II

- | | |
|--------------|--|
| 1. MECH 4123 | : Mechanical Handling of Materials |
| 2. MECH 4124 | : Engineering Computational Techniques |

For Open Elective III

- | | |
|--------------|---|
| 1. MECH 4129 | : Quality Control & Management |
| 2. MECH 4130 | : Ecology and Environmental Engineering |

To be effective from 1st Dec, 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, Kolkata CSE 7th Semester Sec A Time Table Session: Odd 2021-2022														
Day	Group	9:00 -9:50	9:55-10:45	10:50-11:40	11:45-12:25	12:25-13:15	13:20-14.10	14:15-15:05	15.10-16.00	16.05-16.55	17.00-17.50			
MON	CSE A1			L/HMTS 4101/GF3	B	L/MATH4121/DC L/MECH4124/SBH L/BIOT4124/SDE L/ECEN4121/PRB/	L/MATH4126/VB L/MECH4130/BP L/AEIE4127/DMG	L/CSEN 4132/ A + B1/ DB PLD L/CSEN4133/PLD		L/HMTS 4101/GDG				
	CSE A2													
TUE	CSE A1		L/CSEN 4132/4A+4B1/ ADB											
	CSE A2													
WED	CSE A1	L/CSEN 4111/4A/SS/ICT311		L/CSEN4133/PLD	E	L/MATH4121/MS L/MECH4124/SBH L/BIOT4124/SHD L/ECEN4121/PRB/	L/MATH4126/SC L/MECH4130/BP L/AEIE4127/SAM	CSEN 4191 / DBS+PLD						
	CSE A2													
THU	CSE A1		L/CSEN 4111/SS	L/CSEN 4111/SS	A									
	CSE A2													
FRI	CSE A1	L/HMTS 4101/GF2			K	L/MATH4121/MS L/MECH4124/SB L/BIOT4124/SHD L/ECEN4121/PRB/	L/MATH4126/SC L/MECH4130/BP L/AEIE4127/DMG							
	CSE A2													

To 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

Member

HOD

Principal

Heritage Institute of Technology, Kolkata CSE 7th Semester Sec A Time Table Session: Odd 2021-2022			
Faculty Name	Initial	Department	
Prof. Shilpi Saha	SS	CSE	
Prof. Adrija Bhattacharyya	ADB	CSE	
Prof. Poulami Das	PLD	CSE	
Prof. Debanjan Sarkar	DBS	CSE	
	GF2	HUM	
	GF3	HUM	
Prof. Gautam Das Gupta	GDG	HUM	
Prof. Sandip Chatterjee	SC	MATHS	
Prof. Dipankar Chakraborty	DC	MATHS	
Prof. Moulipriya Sarkar	MS	MATHS	
Prof. Venu Bihani	VB	MATHS	
Prof. Damayanti Ghosh	DMG	AEIE	
Prof. Samiul Alam	SAM	AEIE	
Prof. Sovan Bhowmick	SBH	ME	
Prof. Sumanta Banerjee	SB	ME	
Prof. Bankim Pattanayak	BP	ME	
Prof. Sudipta Dey Bandyopadhyay	SDE	BT	
Prof. Sonali Hazra Das	SHD	BT	
Prof. Prabir Banerjee	PRB	ECE	
TA Name	Initial	Department	
MS. SANCHAYITA SARKAR	SHS	CSE	
MR. ANKUR ROY	AR	CSE	

Heritage Institute of Technology, Kolkata
CSE 7th Semester Sec A Time Table Session: Odd 2021-2022

FOURTH YEAR

SEVENTH SEMESTER

A. Theory							
Sl. No	Code	Subject	Contacts				Credit Points
			L	T	P	Total	
1	HMTS4101	Principles of Management	3	0	0	3	3
2	CSEN4131- CSEN4140	Professional Elective-III	3	0	0	3	3
	CSEN4131 CSEN4132 CSEN4133 CSEN4134 CSEN4135	Soft Computing Cryptography & Network Security Image Processing Approximation Algorithms Information Retrieval					
3		Open Elective-II	3	0	0	3	3
	AEIE4121 MECH4124 ECEN4121 BIOT4023 MATH4121	Instrumentation and Telemetry Engineering Computational Technique Software Defined Radio Biosensor Methods in Optimization					
4		Open Elective-III	3	0	0	3	3
	AEIE4127 MATH4126 BIOT4126 MECH4130 ECEN4127	Introduction to Embedded System Advanced Linear Algebra Biopolymer Ecology and Environmental Engineering Ad-Hoc Wireless Networks					
Total Theory			12	0	0	12	12
B. Sessional							
1	CSEN4191	Industrial Training / Internship	-	-	-	-	2
2	CSEN4195	Project-I	0	0	8	8	4
Total Sessional			0	0	8	8	6
Total of Semester without Honours			12	0	8	20	18
C. Honours							
1	CSEN4111	Compiler Design	3	0	0	3	3
2	CSEN4161	Compiler Design Lab	0	0	2	2	1
Total Honours			3	0	2	5	4
Total of Semester with Honours			15	0	10	25	22

Heritage Institute of Technology, Kolkata CSE 7th Semester Sec B Time Table Session: Odd 2021-2022												
Day	Group	9:00 -9:50	9:55-10:45	10:50-11:40	11:45-12:25	12:25-13:15	13:20-14.10	14:15-15:05	15.10-16.00	16.05-16.55	17.00-17.50	
MON	CSE B1				B	L/MATH4121/DC L/MECH4124/SBH L/BIOT4124/SDE L/ECEN4121/PRB/	L/MATH4126/VB L/MECH4130/BP L/AEIE4127/DMG L/BIOT4126/SHD	L/CSEN4133/PLD L/CSEN 4132/4A+4B1/ ADB	L/CSEN4133/PLD	L/HMTS 4101/GF1		
	CSE B2						L/CSEN4133/PLD L/CSEN 4132/ 4B2+4C /LMD	L/CSEN4133/PLD L/CSEN 4132/ 4B2+4C /LMD				
TUE	CSE B1	L/CSEN 4132/4A+4B1/ ADB			R	L/CSEN 4111/AC		CSEN 4191/ DBS + NGB				
	CSE B2											
WED	CSE B1		L/HMTS 4101/ID	L/CSEN4133/PLD	E A K	L/MATH4121/MS L/MECH4124/SBH L/BIOT4124/SHD L/ECEN4121/PRB/	L/MATH4126/SC L/MECH4130/BP L/AEIE4127/SAM L/BIOT4126/BC	L/CSEN 4111/AC				
	CSE B2			L/CSEN4133/PLD L/CSEN 4132/ 4B2+4C /LMD								
THU	CSE B1											
	CSE B2											
FRI	CSE B1		L/HMTS 4101/ID			L/MATH4121/MS L/MECH4124/SB L/BIOT4124/SHD L/ECEN4121/PRB/	L/MATH4126/SC L/MECH4130/BP L/AEIE4127/DMG L/BIOT4126/BC					
	CSE B2											

To 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

Member

HOD

Principal

Heritage Institute of Technology, Kolkata CSE 7th Semester Sec B Time Table Session: Odd 2021-2022			
Faculty Name	Initial	Department	
Prof. Arindam Chatterjee	AC	CSE	
Prof. Adrija Bhattacharya	ADB	CSE	
Prof. Poulami Das	PLD	CSE	
Prof. Lopamudra Dey	LMD	CSE	
Prof. Nilanjana G. Basu	NGB	CSE	
Prof. Debanjan Sarkar	DBS	CSE	
	GF1	HUM	
Prof. Indrani De	ID	HUM	
Prof. Sandip Chatterjee	SC	MATHS	
Prof. Dipankar Chakraborty	DC	MATHS	
Prof. Moulipriya Sarkar	MS	MATHS	
Prof. Venu Bihani	VB	MATHS	
Prof. Damayanti Ghosh	DMG	AEIE	
Prof. Samiut Alam	SAM	AEIE	
Prof. Sovan Bhowmick	SBH	ME	
Prof. Sumanta Banerjee	SB	ME	
Prof. Bankim Pattanayak	BP	ME	
Prof. Sudipta Dey Bandyopadhyay	SDE	BT	
Prof. Sonali Hazra Das	SHD	BT	
Prof. Bhaswati Chakraborty	BC	BT	
Prof. Prabir Banerjee	PRB	ECE	
TA Name	Initial	Department	

Mr Surajit Acharya	SA	CSE
MR. ANKUR ROY	AR	CSE
MR. SAJAL MITRA	SM	CSE

Heritage Institute of Technology, Kolkata
CSE 7th Semester Sec A Time Table Session: Odd 2021-2022

FOURTH YEAR

SEVENTH SEMESTER

A. Theory							
Sl. No	Code	Subject	Contacts				Credit Points
			L	T	P	Total	
1	HMTS4101	Principles of Management	3	0	0	3	3
2	CSEN4131- CSEN4140	Professional Elective-III	3	0	0	3	3
	CSEN4131 CSEN4132 CSEN4133 CSEN4134 CSEN4135	Soft Computing Cryptography & Network Security Image Processing Approximation Algorithms Information Retrieval					
3		Open Elective-II	3	0	0	3	3
	AEIE4121 MECH4124 ECEN4121 BIOT4023 MATH4121	Instrumentation and Telemetry Engineering Computational Technique Software Defined Radio Biosensor Methods in Optimization					
4		Open Elective-III	3	0	0	3	3
	AEIE4127 MATH4126 BIOT4126 MECH4130 ECEN4127	Introduction to Embedded System Advanced Linear Algebra Biopolymer Ecology and Environmental Engineering Ad-Hoc Wireless Networks					
Total Theory			12	0	0	12	12
B. Sessional							
1	CSEN4191	Industrial Training / Internship	-	-	-	-	2
2	CSEN4195	Project-I	0	0	8	8	4
Total Sessional			0	0	8	8	6
Total of Semester without Honours			12	0	8	20	18
C. Honours							
1	CSEN4111	Compiler Design	3	0	0	3	3
2	CSEN4161	Compiler Design Lab	0	0	2	2	1
Total Honours			3	0	2	5	4
Total of Semester with Honours			15	0	10	25	22

Heritage Institute of Technology, Kolkata CSE 7th Semester Sec C Time Table Session: Odd 2021-2022												
Day	Group	9:00 -9:50	9:55-10:45	10:50-11:40	11:45-12:25	12:25-13:15	13:20-14.10	14:15-15:05	15.10-16.00	16.05-16.55	17.00-17.50	
MON	CSE C1	L/CSEN 4111/SCB			B	L/MATH4121/DC L/MECH4124/SBH L/BIOT4124/SDE L/ECEN4121/PRB/	L/MATH4126/VB L/MECH4130/BP L/AEIE4127/DMG	L/CSEN4133/PLD L/CSEN 4132/ 4B2+4C /LMD		L/HMTS 4101/ID		
	CSE C2											
TUE	CSE C1											
	CSE C2											
WED	CSE C1		L/HMTS 4101/GF2	L/CSEN4133/PLD L/CSEN 4132/ 4B2+4C /LMD	E	L/MATH4121/MS L/MECH4124/SBH L/BIOT4124/SHD L/ECEN4121/PRB/	L/MATH4126/SC L/MECH4130/BP L/AEIE4127/SAM					
	CSE C2											
THU	CSE C1		L/CSEN 4111/SCB			A	CSEN 4191 / DBS+SS					
	CSE C2											
FRI	CSE C1				K		L/MATH4121/MS L/MECH4124/SB L/BIOT4124/SHD L/ECEN4121/PRB/	L/MATH4126/SC L/MECH4130/BP L/AEIE4127/DMG		L/HMTS 4101/GF2		
	CSE C2											

To 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

Member

HOD

Principal

Heritage Institute of Technology, Kolkata CSE 7th Semester Sec C Time Table Session: Odd 2021-2022			
Faculty Name	Initial	Department	
Prof. Sabyasachee Banerjee	SCB	CSE	
Prof. Poulami Das	PLD	CSE	
Prof. Lopamudra Dey	LMD	CSE	
Prof. Debanjan Sarkar	DBS	CSE	
Prof. Shilpi Saha	SS	CSE	
	GF2	HUM	
Prof. Indrani De	ID	HUM	
Prof. Sandip Chatterjee	SC	MATHS	
Prof. Dipankar Chakraborty	DC	MATHS	
Prof. Moulipriya Sarkar	MS	MATHS	
Prof. Venu Bihani	VB	MATHS	
Prof. Damayanti Ghosh	DMG	AEIE	
Prof. Samiul Alam	SAM	AEIE	
Prof. Sovan Bhowmick	SBH	ME	
Prof. Sumanta Banerjee	SB	ME	
Prof. Bankim Pattanayak	BP	ME	
Prof. Sudipta Dey Bandyopadhyay	SDE	BT	
Prof. Sonali Hazra Das	SHD	BT	
Prof. Prabir Banerjee	PRB	ECE	
TA Name	Initial	Department	
MR. SUDIPTA CHAKRABORTY	SC	CSE	
MR. SAJAL MITRA	SM	CSE	
MR. DEBASISH SARKAR	DS	CSE	

FOURTH YEAR

SEVENTH SEMESTER

A. Theory							
Sl. No	Code	Subject	Contacts				Credit Points
			L	T	P	Total	
1	HMTS4101	Principles of Management	3	0	0	3	3
2	CSEN4131- CSEN4140	Professional Elective-III	3	0	0	3	3
	CSEN4131 CSEN4132 CSEN4133 CSEN4134 CSEN4135	Soft Computing Cryptography & Network Security Image Processing Approximation Algorithms Information Retrieval					
3		Open Elective-II	3	0	0	3	3
	AEIE4121 MECH4124 ECEN4121 BIOT4023 MATH4121	Instrumentation and Telemetry Engineering Computational Technique Software Defined Radio Biosensor Methods in Optimization					
4		Open Elective-III	3	0	0	3	3
	AEIE4127 MATH4126 BIOT4126 MECH4130 ECEN4127	Introduction to Embedded System Advanced Linear Algebra Biopolymer Ecology and Environmental Engineering Ad-Hoc Wireless Networks					
Total Theory			12	0	0	12	12
B. Sessional							
1	CSEN4191	Industrial Training / Internship	-	-	-	-	2
2	CSEN4195	Project-I	0	0	8	8	4
Total Sessional			0	0	8	8	6
Total of Semester without Honours			12	0	8	20	18
C. Honours							
1	CSEN4111	Compiler Design	3	0	0	3	3
2	CSEN4161	Compiler Design Lab	0	0	2	2	1
Total Honours			3	0	2	5	4
Total of Semester with Honours			15	0	10	25	22

7th Semester Syllabus:

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
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/	AEIE4126/ IN	ELEC4111 /ED			
					INFO4121/ UKD	CHEN 4126/ SB/				
TUE					ELEC4131 /NBR		HMTS 4101/ TBA			
WED		ELEC4111 /ED			AEIE4121/ AMS/	AEIE4126/ AP	ELEC 4111/ NC/		HMTS 4101/ TBA	
					INFO4121/ UKD	CHEN 4126/ SV/				
THU			ELEC4131 /BR			ELEC 4111/ ED/		HMTS 4101/ TBA		
FRI			ELEC 4131/ SM/		AEIE4121/ RSG/	AEIE4126/ IN	ELEC 4111/ NC/			
					INFO4121/ DPM	CHEN 4126/ SV/				

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
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
IN	Prof. Indrajit Naskar	AEIE
AP	Dr. Arabina Kumar Pal	AEIE
UKD	PROF. UTTAM KUMAR DASH	IT
DPM	PROF. DEEP MALYA MUKHOPADHYAY	IT
TBA	TO BE ANNOUNCED	HMTS

Member

HOD

PRINCIPAL

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
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

Member

HOD

PRINCIPAL