

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

B. Tech 4th Year 2nd Semester

SESSION: 2020-2021

Day	10-10:50	11-11:50	12-12:50	1-2 BREA K	2-2:50	3-3:50	4- 4:50
Mon					BIOT4281/SMB/ICT205 CSEN4281/RNM/ICT604 ECEN4281/CR/ICT101	AEIE4241 SJB/ICT111 AEIE4243 AP/CB201	
Tue					AEIE4243 AP/ICT111	AEIE4243 AP/ICT111 AEIE4241 SJB/CB201	
Wed		HMTS4201/ID/ICT 101			BIOT4281/SMB/ICT205 CSEN4281/RNM/ICT604 ECEN4281/CR/ICT101	AEIE4243 AP/ICT101	
Thur s			AEIE4241 SJB/ICT11 1		AEIE4232 SJB+SKD/ICT101		
Fri	HMTS4201/ID/ICT101				BIOT4281/SHD/ICT205 CSEN4281/RNM/ICT604 ECEN4281/CR/ICT101	AEIE4241 SJB/ICT101	

To be effective from March 17, 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
APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING DEPARTMENT

B. Tech 4th Year 8th Semester

SESSION: 2020-2021

INITIALS	FULLNAME	DEPARTMENT
<i>SJB</i>	Prof. (Dr.) Surajit Bagchi	Applied Electronics and Instrumentation Engineering
<i>AP</i>	Prof. (Dr.) Arabinda Kumar Pal	
<i>SKD</i>	Prof. (Dr.) Soumik Das	
<i>CR</i>	Prof. Chandrima Roy	Electronics & Communication Engineering
<i>RNM</i>	Prof. Rudranath Mitra	
<i>SMB</i>	Prof. (Dr.) Soma Banerjee	Biotechnology
<i>SHD</i>	Prof. Sonali Hazra Das	
<i>ID</i>	Prof. (Dr.) Indrani De	Humanities

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

B. Tech 4th Year 8th Semester

SESSION: 2020-2021

4th Year 2nd Semester Syllabus:

Theory							
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points
			L	T	P	Total	
1	HMTS4201	Organizational Behaviour	2	-	-	2	2
2	AEIE4241/ AEIE4242/ AEIE4243	Analytical Instrumentation/ Ultrasonic Instrumentation/ Digital Control Systems	3	1	-	4	4
3	BIOT4281/ CSEN4281/ INFO4281/ ECEN4281/ ECEN4282/ ECEN4283/ MATH4281 MATH4282	Computational Biology/ Fundamentals of RDBMS/ Cryptography and Network Security/ Cellular and Satellite Communications/ VLSI Design/ VLSI Testing and Verification/ Probability and Stochastic Processes Advanced Graph theory	3	-	-	3	3
Total Theory			8	1	-	9	9

Sessional							
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points
			L	T	P	Total	
1	AEIE4231	Comprehensive Viva Voce	-	-	-	-	3
2	AEIE4232	Technical Seminar II	-	-	3	3	2
3	AEIE4291	Project II	-	-	12	12	8
Total Sessional			-	-	15	15	13
Total of Semester			8	1	15	24	22

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HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

DEPARTMENT: MECHANICAL ENGINEERING

B. Tech 4th Year 2nd Semester Sec -B

SESSION: 2020-2021

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 NOON – 12.50 PM	1.00 PM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON				LUNCH BREAK	CIVL 4283/BD/ CME 617	Interaction	MECH 4221/ ABS, SNM, RS, AR, SKS
					HMTS 4281/SC /CME 607		
TUE						Remedial	MECH 4221/ AJB, RD, SH, AB, SBH
WED					CIVL 4283/RS /CME 617	MECH 4291	MECH 4221/ BP, SK, SDR, PG, RM
					HMTS 4281/SC /CME 607		
THU			HMTS 4202/SS /CME 607		Interaction	Mentoring	MECH 4221/ AKR, JS, SK, AC, MB
FRI					CIVL 4283/BD / CME 617	HMTS 4202/ GDG /CME 607	MECH 4221/ SSP, DB, AM, VKS, RB
					HMTS 4281/SC /CME 607		

To be Effective from 17.03.2021.

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: MECHANICAL ENGINEERING

B. Tech 4th Year 2nd Semester Sec -B

SESSION: 2020-2021

INITIALS	FULLNAME	DEPARTMENT
BD	Prof. Biswarup Das	CIVL
DG	Prof. Rupam Sam	CIVL
SC	Dr. Suparna Chakraborty	HUM
SS	Prof. Saibal Sen	HUM
GDG	Prof. Gautam Dasgupta	HUM

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE

DEPARTMENT: MECHANICAL ENGINEERING

B. Tech 4th Year 2nd Semester Sec -B

SESSION: 2020-2021

COURSE STRUCTURE: 4th Year 2nd Semester

Theory							
Sl. No.	Code	Paper	Contact Hours/Week				Credit Points
			L	T	P	Total	
1	HMTS 4202	Project Management	2	0	0	2	2
2	**** 428X	Free Elective- II	3	0	0	3	3
Total Theory			5	0	0	5	5
Laboratory/ Practical							
3	MECH 4211	Advanced Manufacturing Lab	0	0	3	3	2
Total Practical			0	0	3	3	2
Sessional							
4	MECH 4221	Design of an Industrial Product	0	0	4	4	2
5	MECH 4231	Comprehensive Viva Voce					3
6	MECH 4291	Project II	0	0	12	12	8
Total Sessional			0	0	16	16	13
Total of Semester			5	0	19	24	20

List of Free Elective II:

1. AEIE 4281 : Sensor Technology
2. CIVL 4282 : Principles of Surveying
3. CIVL 4283 : Project Planning and Management
4. HMTS 4281: Introduction to Industrial Sociology
5. HMTS 4283: Elementary Spanish for Beginners
6. AEIE 4282 : Control System & Applications

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

1. MECH 4281: Mechanical Handling of Materials
2. MECH 4282: Aerodynamics
3. MECH 4283: Modern Manufacturing Technology

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HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

DEPARTMENT: MECHANICAL ENGINEERING

B. Tech 4th Year 2nd Semester Sec -A

SESSION: 2020-2021

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 NOON – 12.50 PM	1.00 PM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON				LUNCH BREAK	CIVL 4283/BD /CME 617	Remedial	MECH 4221 /ABS, SNM, RS, AR, SKS
					HMTS 4281/SC /CME 607		
TUE		HMTS 4202/SS /CME 607				Mentoring	MECH 4221/AJB, RD, SH, AB, SBH
WED					CIVL 4283/RS /CME 617	MECH 4291	MECH 4221/BP, SK, SDR, PG, RM
					HMTS 4281/SC /CME 607		
THU						HMTS 4202/SS /CME 607	MECH 4221/AKR, JS, SK, AC, MB
FRI					CIVL 4283/ BD /CME 617	Interaction	MECH 4221/ SSP, DB, AM, VKS, RB
					HMTS 4281/SC /CME 607		

To be Effective from 17.03.2021.

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: MECHANICAL ENGINEERING

B. Tech 4th Year 2nd Semester Sec -A

SESSION: 2020-2021

INITIALS	FULL NAME	DEPARTMENT
BD	Prof. Biswarup Das	CIVL
RS	Prof. Rupam Sam	CIVL
SC	Dr. Suparna Chakraborty	HUM
SS	Prof. Saibal Sen	HUM

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT: MECHANICAL ENGINEERING

B. Tech 4th Year 2nd Semester Sec -A

SESSION: 2020-2021

COURSE STRUCTURE: 4th Year 2nd Semester

Theory							
Sl. No.	Code	Paper	Contact Hours/Week				Credit Points
			L	T	P	Total	
1	HMTS 4202	Project Management	2	0	0	2	2
2	**** 428X	Free Elective- II	3	0	0	3	3
Total Theory			5	0	0	5	5
Laboratory/ Practical							
3	MECH 4211	Advanced Manufacturing Lab	0	0	3	3	2
Total Practical			0	0	3	3	2
Sessional							
4	MECH 4221	Design of an Industrial Product	0	0	4	4	2
5	MECH 4231	Comprehensive Viva Voce					3
6	MECH 4291	Project II	0	0	12	12	8
Total Sessional			0	0	16	16	13
Total of Semester			5	0	19	24	20

List of Free Elective II:

1. **AEIE 4281** : Sensor Technology
2. **CIVL 4282** : Principles of Surveying
3. **CIVL 4283** : Project Planning and Management
4. **HMTS 4281**: Introduction to Industrial Sociology
5. **HMTS 4283**: Elementary Spanish for Beginners
6. **AEIE 4282** : Control System & Applications

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

1. **MECH 4281**: Mechanical Handling of Materials
2. **MECH 4282**: Aerodynamics
3. **MECH 4283**: Modern Manufacturing Technology

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TIME TABLE

INFORMATION TECHNOLOGY

B.Tech 4thYear 2nd Semester

SESSION: 2020-2021

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 NOON – 12.50 PM	1.00 PM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON	HMTS 4201 GDG ICT205	INFO4243 SR ICT205		LUNCH BREAK	MATH4281 JB ICTB02		Remedial/ Additional Classes
					BIOT4281 SMB ICT205		
TUE	Mentoring		HMTS 4201 ID ICT205				Remedial/ Additional Classes
WED					MATH4281 JB ICTB02		Remedial/ Additional Classes Mentoring
					BIOT4281 SMB ICT205		
THU	INFO4243 DPM ICT205						Remedial/ Additional Classes
FRI					MATH4281 DC CME615A		Remedial/ Additional Classes
					BIOT4281 SHD ICT205		

To be Effective from 17th March, 2021

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Students should target 100% attendance

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INFORMATION TECHNOLOGY

B.Tech 4thYear 2nd Semester

SESSION: 2020-2021

INITIALS	FULLNAME	DEPARTMENT
GDG	Prof. Goutam Dasgupta	Humanities
ID	Prof. Indrani De	Humanities
SMB	Prof. (Dr.) Soma Banerjee	Biotechnology
SHD	Prof. Sonali Hazra Das	Biotechnology
DC	Prof. (Dr.) Dipankar Chakraborty	Mathematics
JB	Prof. (Dr.) Jhumpa Bhadra	Mathematics
SR	Prof. (Dr.) Siuli Roy	Information Technology
DPM	Prof. Deep Malya Mukhopadhyay	Information Technology

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TIME TABLE

INFORMATION TECHNOLOGY

B.Tech 4thYear 2nd Semester

SESSION: 2020-2021

COURSE STRUCTURE:

B Tech in IT: 4th Year 2nd Semester Syllabus:

Theory							
Sl. No	Paper Code	Paper Name	Contact Hrs per Week				Credit Point
			L	T	P	Total	
1	HMTS4201	Organizational Behavior	2	0	0	2	2
2		Professional Elective - V	3	1	0	4	4
3		Free Elective - II	3	0	0	3	3
		Total Theory				9	9

Sessional							
Sl. No	Paper Code	Paper Name	Contact Hrs per Week				Credit Point
			L	T	P	Total	
5	INFO4231	Comprehensive Viva Voce	0	0	0	0	3
6	INFO4291	Project - II	0	0	12	12	8
		Total Sessional				12	11
Total Semester						21	20

** Free Elective papers offered by the Department of Information Technology:

1. INFO4281 Fundamentals of Cryptography
2. INFO4282 Soft Computing Application

Professional Elective – V Papers (any one):

- 2(a) INFO4241 Parallel Computing
- 2(b) INFO4242 Natural Language Processing
- 2(c) INFO4243 Cryptography & Network Security
- 2(d) INFO4244 Soft Computing

Free Elective – II Papers (any one):

- 3(a) AEIE4282 Control System & Application
- 3(b) BIOT4281 Computational Biology
- 3(c) ECEN4281 Cellular & Satellite Communication

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HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

ELECTRICAL ENGINEERING

B. Tech 4th Year 2nd Semester

SESSION: 2020-2021

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 NOON – 12.50 PM	1.00 PM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON	ELEC4291/PROJECT-II			LUNCH BREAK	L/CHEN4282/ SWV/CME408		Remedial/ Additional Classes
					L/BIOT4282/ BC/CME514		
TUE					ELEC4032/SEMINAR-II		
WED					L/CHEN4282/ SWV/ICT402		Remedial/ Additional Classes
					L/BIOT4282/ SDE/CME514		
THU					L/HMTS4201/ ID/CME514	MENTORING	Remedial/ Additional Classes
FRI	S/ ELEC4221/ AK/ CME514				L/CHEN4282/ SWV/ICTB05	L/HMTS4201/ SS/CME514	Remedial/ Additional Classes
					L/BIOT4282/ BC/CME514		

To be Effective from 17.03.2021

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HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

ELECTRICAL ENGINEERING

B. Tech 4th Year 2nd Semester

SESSION: 2020-2021

INITIALS	FULLNAME	DEPARTMENT
AK	MR. ANIRBAN KOLAY	EE
SWV	PROF. SWAMI VEDAJNANANDA	CHE
BC	PROF. BHASWATI CHAKRABORTY	BT
SDE	PROF. SUDIPTA DEY BANDYOPADHYAY	BT
ID	PROF. INDRANI DEY	HUMANITIES
SS	PROF. SAIBAL SEN	HUMANITIES

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HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

ELECTRICAL ENGINEERING

B. Tech 4th Year 2nd Semester

SESSION: 2020-2021

Theory:

Sl. No	Code	Paper	Contact Periods per Weeks			Total Contact Hrs	Credits
			L	T	P		
1	HMTS4201	Organizational Behavior	2	0	0	2	2
2		Free Electives-II	3	0	0	3	3
		Total Theory	5	0	0	5	5

Sessional:

Sl. No.	Code	Paper	Contact Periods per Weeks			Total Contact Hrs	Credits
			L	T	P		
1	ELEC4032	Seminar-II	0	0	0	3	2
2	ELEC4221	Electrical System Design	0	0	0	3	2
3	ELEC4231	Comprehensive Viva Voce	0	0	0	0	3
4	ELEC4291	Project - II	0	0	0	12	8
		Total of Sessional	0	0	0	18	15
TOTAL OF SEMESTER:						23	20

Free Elective-II Papers(any one)

- 2(a) INFO4282 Soft Computing Application
- 2(b) CHEN4282 Total Quality Management & Assurance
- 2(c) BIOT4282 Non-Conventional Energy

Free Elective-II Paper offered to other Department

ELEC4282 Fundamentals of Illumination Engineering

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
ECE (SEC-A)

B TECH-4TH YEAR 2ND SEMESTER

SESSION 2020-2021 (EVEN)

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 NOON – 12.50 PM	1.00 PM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON				LUNCH BREAK	L/CSEN4181/RNM/ ICT 604		L/ECEN4141/ AMB/ICT605
					L/CSEN4282/AC/ICT 605		
					L/INFO4281/UKD/ICT B05		
					L/MATH4281/JB/ ICT B02		L/ECEN4242/ PS/ICT003(C)
					L/CHEN4282/SWB/CME 408		
					L/INFO4282/BPS/ICT 403		L/ECEN4243/ TC/ICT604
TUE					L/ECEN4141/ AMB/ICT 605		
					L/ECEN4242/ PS/ICT 003(C)		
					L/ECEN4243/ TC/ICT 604		
WED					L/CSEN4181/RNM/ICT 604		HMTS420 /ID/ ICT 604
					L/CSEN4282/AC/ICT 605		
					L/INFO4281/DPM/ICT B01		
					L/MATH4281/JB/ICT B02		
					L/CHEN4282/SWB/ICT 402		
					L/INFO4282/BPS/ICT 401		
THU					L/ECEN4141/ AMB/ICT 605		
					L/ECEN4242/ PS/ICT 003(C)		
					L/ECEN4243/ TC/ICT 604		
FRI			L/ECEN4141/ AMB/ICT 605		L/CSEN4181/RNM/ICT 604		HMTS4201 SS/ ICT 604
			L/ECEN4242/ PS/ICT 003(C)		L/CSEN4282/AC/ICT 605		
			L/ECEN4243/ TC/ICT 604		L/INFO4281/DPM/ICT B01		
					L/MATH4281/ DC/CB 615A/		
					L/ CHEN4282/ SWB/ICT B05		
					L/INFO4282/BPS/ICT 403		

To be Effective from 17th March, 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 & COMMUNICATION ENGINEERING
ECE (SEC-A)

B TECH-4TH YEAR 2ND SEMESTER

SESSION 2020-2021 (EVEN)

FACULTY NAME

Initials	Faculty name	Department
AMB	Prof. AMRITA BANERJEE	ECE
PS	Prof. PRATIMA SHAW	ECE
TC	Prof. TAPAS CHAKRABORTY	ECE
RNM	Prof. RUDRANATH MITRA	ECE
AC	Prof. ARINDAM CHATTERJEE	CSE
DPM	DHAY	IT
BPS	Prof. BAPPA SARDER	IT
JB	Prof. JHUMPA BHADRA	MATH
DC	Prof. DIPANKAR CHAKRABORTY	MATH
SWB	Prof. Swami Vedajnanada	CHEM
UKD	Prof. UTTAM KUMAR DASH	IT
ID	Prof. INDRANI DEY	HUMANITIES
SS	Prof. SAIBAL SEN	HUMANITIES

To be Effective from 17th March, 2021

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Students should target 100% attendance

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
ECE (SEC-A)

B TECH-4TH YEAR 2ND SEMESTER

SESSION 2020-2021 (EVEN)

4th Year 2nd Semester:

A. Theory							
SL No.	Course Code	Course Name	Contact Hours/Week				Credit Points
			L	T	P	Total	
1	HMETS4201	Organizational Behaviour	2	0	0	2	2
2	Free Elective 2	Theory – PE 2	3	0	0	3	3
3	Prof Elective 3	Theory – PE 3	3	1	0	4	4
Total Theory						9	9

B. Sessionals							
4	ECEN4231	Comprehensive Viva Voce	-	-	-	-	3
5	ECEN4291	Project-II	0	0	12	12	8
Total Sessional					12	12	11
Total of Semester						21	20

Free Elective 2 (for ECE students)	
Course Code	Course Name
CHEN4282	Total Quality Management & Assurance
AEIE4281	Sensor Technology
MATH4281	Probability and Stochastic Processes
CSEN4281	Fundamentals of RDBMS
CSEN4282	Mobile Computing
BIOT4282	Non- Conventional Energy
INFO4281	Cryptography & Network Security
INFO4282	Soft Computing

Prof Elective 3	
Course Code	Course Name
ECEN4241	Remote Sensing using Satellites
ECEN4242	Computer Organization
ECEN4243	Alternative Energy Sources

Free Elective 2 (offered by ECE department)	
Course Code	Course Name
ECEN4281	Cellular and Satellite Communications
ECEN4282	VLSI Design
ECEN4283	VLSI Testing and Verification

Students should target 100 % attendance

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
ECE (SEC-B)

B TECH-4TH YEAR 2ND SEMESTER

SESSION 2020-2021 (EVEN)

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 NOON – 12.50 PM	1.00 PM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON				LUNCH BREAK	L/CSEN4181/RNM/ ICT604 L/CSEN4282/AC/ICT605 L/INFO4281/UKD/ICT B05 L/MATH4281/JB/ ICT B02 L/CHEN4282/SWB/CME 408 L/INFO4282/BPS/ICT 403		L/ECEN4141/AMB/ICT605 L/ECEN4242/PS/ICT003(C) L/ECEN4243/TC/ICT604
TUE					L/ECEN4141/ AMB/ICT605 L/ECEN4242/ PS/ICT003(C) L/ECEN4243/ TC/ICT604		
WED					L/CSEN4181/RNM/ICT604 L/CSEN4282/AC/ICT605 L/INFO4281/DPM/ICT B01 L/MATH4281/JB/ICT B02 L/CHEN4282/SWB/ICT 402 L/INFO4282/BPS/ICT 401	HMTS4201/ ICT604/ID	
THU					L/ECEN4141/ AMB/ICT605 L/ECEN4242/ PS/ICT003(C) L/ECEN4243/ TC/ICT604		HMTS4201 ICT604/ID
FRI			L/ECEN4141/ AMB/ICT605 L/ECEN4242/ PS/ICT003(C) L/ECEN4243/ TC/ICT604		L/CSEN4181/RNM/ICT604 L/CSEN4282/AC/ICT605 L/INFO4281/DPM/ICT B01 L/MATH4281/ DC/CB 615A/ L/ CHEN4282/ SWB/ICT B05 L/INFO4282/BPS/ICT 403		

To be Effective from 17th March, 2021

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
ECE (SEC-B)

B TECH-4TH YEAR 2ND SEMESTER

SESSION 2020-2021 (EVEN)

Faculty name	Initials	Department
Prof. AMRITA BANERJEE	AMB	ECE
Prof. PRATIMA SHAW	PS	ECE
Prof. TAPAS CHAKRABORTY	TC	ECE
Prof. RUDRANATH MITRA	RNM	ECE
Prof. ARINDAM CHATTERJEE	AC	CSE
Prof. DEEP MALYA MUKHOPADHDHAY	DPM	IT
Prof. BAPPA SARDER	BPS	IT
Prof. JHUMPA BHADRA	JB	MATH
Prof. DIPANKAR CHAKRABORTY	DC	MATH
Prof. Swami Vedajnanada	SWB	CHEM
Prof. UTTAM KUMAR DASH	UKD	IT
Prof. INDRANI DEY	ID	HUMANITIES

To be Effective from 17th March, 2021

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
ECE (SEC-B)

B TECH-4TH YEAR 2ND SEMESTER

SESSION 2020-2021 (EVEN)

4th Year 2nd Semester:

A. Theory							
Sl. No.	Course Code	Course Name	Contact Hours/Week				Credit Points
			L	T	P	Total	
1	HMIS4201	Organizational Behaviour	2	0	0	2	2
2	Free Elective 2	Theory – PE 2	3	0	0	3	3
3	Prof Elective 3	Theory – PE 3	3	1	0	4	4
Total Theory						9	9

B. Sessionals							
4	ECEN4231	Comprehensive Viva Voce	-	-	-	-	3
5	ECEN4291	Project-II	0	0	12	12	8
Total Sessional					12	12	11
Total of Semester						21	20

Free Elective 2 (for ECE students)	
Course Code	Course Name
CHEN4282	Total Quality Management & Assurance
AEIE4281	Sensor Technology
MATH4281	Probability and Stochastic Processes
CSEN4281	Fundamentals of RDBMS
CSEN4282	Mobile Computing
BIOT4282	Non- Conventional Energy
INFO4281	Cryptography & Network Security
INFO4282	Soft Computing

Prof Elective 3	
Course Code	Course Name
ECEN4241	Remote Sensing using Satellites
ECEN4242	Computer Organization
ECEN4243	Alternative Energy Sources

Free Elective 2 (offered by ECE department)	
Course Code	Course Name
ECEN4281	Cellular and Satellite Communications
ECEN4282	VLSI Design
ECEN4283	VLSI Testing and Verification

To be Effective from 17th March, 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 ELECTRONICS & COMMUNICATION ENGINEERING
ECE (SEC-C)

B TECH-4TH YEAR 2ND SEMESTER

SESSION 2020-2021 (EVEN)

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 NOON – 12.50 PM	1.00 PM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON				LUNCH BREAK	L/CSEN4181/RNM/ ICT604 L/CSEN4282/AC/ICT605 L/INFO4281/UKD/ICT B05 L/MATH4281/JB/ ICT B02 L/CHEN4282/SWB/CME 408 L/INFO4282/BPS/ICT 403	HMTS4201/ GDG/ICT 502	L/ECEN4141/ AMB/ICT605 L/ECEN4242/ PS/ICT003(C) L/ECEN4243/ TC/ICT604
TUE					L/ECEN4141/ AMB/ICT605 L/ECEN4242/ PS/ICT003(C) L/ECEN4243/ TC/ICT604		HMTS4201/SS/ICT 501
WED					L/CSEN4181/RNM/ICT604 L/CSEN4282/AC/ICT605 L/INFO4281/DPM/ICT B01 L/MATH4281/JB/ICT B02 L/CHEN4282/SWB/ICT 402 L/INFO4282/BPS/ICT 401		
THU					L/ECEN4141/ AMB/ICT605 L/ECEN4242/ PS/ICT003(C) L/ECEN4243/ TC/ICT604		
FRI			L/ECEN4141/ AMB/ICT605 L/ECEN4242/ PS/ICT003(C) L/ECEN4243/ TC/ICT604		L/CSEN4181/RNM/ICT604 L/CSEN4282/AC/ICT605 L/INFO4281/DPM/ICT B01 L/MATH4281/ DC/CB 615A/ L/ CHEN4282/ SWB/ICT B05 L/INFO4282/BPS/ICT 403		

To be Effective from 17th 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 ELECTRONICS & COMMUNICATION ENGINEERING
ECE (SEC-C)

B TECH-4TH YEAR 2ND SEMESTER

SESSION 2020-2021 (EVEN)

FACULTY NAME

Initials	Faculty name	Department
AMB	Prof. AMRITA BANERJEE	ECE
PS	Prof. PRATIMA SHAW	ECE
TC	Prof. TAPAS CHAKRABORTY	ECE
RNM	Prof. RUDRANATH MITRA	ECE
AC	Prof. ARINDAM CHATTERJEE	CSE
DPM	Prof. DEEP MALYA MUKHOPADHDHAY	IT
BPS	Prof. BAPPA SARDER	IT
JB	Prof. JHUMPA BHADRA	MATH
DC	Prof. DIPANKAR CHAKRABORTY	MATH
SWB	Prof. Swami Vedajnanada	CHEM
UKD	Prof. UTTAM KUMAR DASH	IT
GDG	Prof. GAUTAM DASGUPTA	HUMANITIES
SS	Prof. SAIBAL SEN	HUMANITIES

To be Effective from 17th 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 ELECTRONICS & COMMUNICATION ENGINEERING
ECE (SEC-C)

B TECH-4TH YEAR 2ND SEMESTER

SESSION 2020-2021 (EVEN)

4th Year 2nd Semester:

A. Theory							
SL No.	Course Code	Course Name	Contact Hours/Week				Credit Points
			L	T	P	Total	
1	HMETS4201	Organizational Behaviour	2	0	0	2	2
2	Free Elective 2	Theory – PE 2	3	0	0	3	3
3	Prof Elective 3	Theory – PE 3	3	1	0	4	4
Total Theory						9	9

B. Sessionals							
4	ECEN4231	Comprehensive Viva Voce	-	-	-	-	3
5	ECEN4291	Project-II	0	0	12	12	8
Total Sessional					12	12	11
Total of Semester						21	20

Free Elective 2 (for ECE students)	
Course Code	Course Name
CHEN4282	Total Quality Management & Assurance
AEIE4281	Sensor Technology
MATH4281	Probability and Stochastic Processes
CSEN4281	Fundamentals of RDBMS
CSEN4282	Mobile Computing
BIOT4282	Non- Conventional Energy
INFO4281	Cryptography & Network Security
INFO4282	Soft Computing

Prof Elective 3	
Course Code	Course Name
ECEN4241	Remote Sensing using Satellites
ECEN4242	Computer Organization
ECEN4243	Alternative Energy Sources

Free Elective 2 (offered by ECE department)	
Course Code	Course Name
ECEN4281	Cellular and Satellite Communications
ECEN4282	VLSI Design
ECEN4283	VLSI Testing and Verification

Students should target 100 % attendance

Member

HOD

Principal

HERITAGE INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B.Tech 4th Year 8th Semester Sec A

Session 2020-2021

Day / Time		10:00-11:00	11:00-12:00	12:00-13:00	13:00-14:00	14:00-15:00	15:00-16:00	16:00-17:00
MON	Gr-1	CSEN4191/PROJECT	L/CSEN4261/SMK/ICT201A L/CSEN 4264/DB/ICTB10 L/CSEN4262/PLD/ICTB07		B	Free Elective L/MATH4281/ICTB02/JB L/MATH4282/ICTB09/SD L/BIOT4281/ICT205 L/ECEN4282/ICT201B/OB	REMEDIAL	
	Gr-2							
TUE	Gr-1	SEN4261/SMK/ ICT201A L/CSEN4262/PLD/ICTB07 L/CSEN 4263/TC/ICTB12 L/CSEN 4264/DB/ICTB10	L/CSEN4263/TC/ICTB12	CSEN4191/PROJECT	R	L/HMTS4201/ICTB02/ID		
	Gr-2							
WED	Gr-1	L/CSEN4246/AC/ICTB07	L/CSEN4244/SB/ICTB10 L/CSEN4245/LMD/CB615B	E	Free Elective L/MATH4281/ICTB02/JB L/MATH4282/ICTB09/SDS L/BIOT4281/ICT205 L/ECEN4282/ICT201A/OB	REMEDIAL		
	Gr-2							
THU	Gr-1	L/CSEN4246/AC/ICTB07	REMEDIAL	L/CSEN4263/TC/ICB12	A	CSEN4191/PROJECT	REMEDIAL	
	Gr-2							
FRI	Gr-1	L/CSEN4244/SB/ICTB07 L/CSEN4245/LMD/CB615B	CSEN4191/PROJECT	K	Free Elective L/MATH4281/B09/DC L/BIOT4281/ICT205 L/MATH4282/CB615A L/ECEN4282/CB615B/OB	CSEN4191/PROJECT		
	Gr-2							

To be Effective from 17th March, 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

B.Tech 1st Year 2nd Semester Course Curriculum

Sl.	Course Code	Course Name	Contact Hrs per Week				Credit Points
			L	T	P	Total	
A. THEORY							
1	HMTS4201	Organizational Behaviour	2	0	0	2	2
2	CSEN4241-CSEN4250	Professional Elective-IV	3	0	0	3	3
	CSEN4241 CSEN4242 CSEN4243 CSEN4244 CSEN4245 CSEN 4246	Distributed Algorithms Approximation Algorithms Computational Complexity Pattern Recognition Social Network Analysis Mobile Computing					
3	CSEN4261-CSEN4270	Professional Elective-V	3	0	0	3	3

	CSEN 4261 CSEN4262 CSEN 4263 CSEN 4264 CSEN 4265	Distributed Databases Image Processing Soft Computing Machine Learning Real Time & Embedded System					
4		Free Elective - II	3	0	0	3	3
	ECEN4282/ ECEN4283/ MATH4281/ MATH4282/ BIOT4281/ BIOT4282/ AEIE4281/ HMTS4283	VLSI Design VLSI Testing & Verification Probability and Stochastic Process Advanced Computational Mathematics and Graph theory Computational Biology Non-conventional Energy Sensor Technology Elementary Spanish for beginners					
Total Theory			11	0	0	11	11
B. PRACTICAL							
1	CSEN 4271 CSEN 4272 CSEN 4273 CSEN 4274 CSEN4275	Distributed Databases Lab Image Processing Lab Soft Computing Lab Machine Learning Lab Real Time & Embedded System Lab	0	0	3	3	2
Total Practical			0	0	3	3	2
C. SESSIONAL							
1	CSEN4231	Grand Viva	-	-	-	-	3
2	CSEN4291	Project II	0			9	8
Total Sessional			0	0	4	-	11
Total of Semester			11	0	3	23	24

Details of Faculty Members		
Initials	Name	Department
LMD	Prof. Lopamudra Dey	CSE
SB	Prof. Saikat Banerjee	
AC	Prof. Arindam Chatterjee	
PLD	Prof. (Dr.) Poulami Das	
SMK	Prof. Smritikona Barai	
TC	Prof. Tapas Chakraborty	
DB	Prof. (Dr.) Dinabandhu Bhandari	
DC	Prof. (Dr.) Dipankar Chakraborty	MATHS
JB	Prof. (Dr.) Jhumpa Bhadra	
ID	Prof. Indrani Dey	HUMANITIES
OB	Prof. Orijeet Bandopadhyay	ECE

HERITAGE INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B.Tech 4th Year 8th Semester Sec B

Session 2020-2021

Day / Time		10:00-11:00	11:00-12:00	12:00-13:00	13:00-14:00	14:00-15:00	15:00-16:00	16:00-17:00
MON	Gr-1	CSEN4191/PROJECT	L/CSEN4261/SMK/ICT201A L/CSEN 4264/DB/ICTB10 L/CSEN4262/PLD/ICTB07		B	Free Elective L/MATH4281/ICTB02/JB L/MATH4282/ICTB09/SD L/BIOT4281/ICT205 L/ECEN4282/ICT201B/OB	REMEDIAL	
	Gr-2							
TUE	Gr-1	CSEN4261/SMK/ ICT201A L/CSEN4262/PLD/ CB615A L/CSEN 4263/TC/CB615B L/CSEN 4264/DB/ICTB10	L/CSEN4263/TC/ CB615B	L/HMTS4201/ICTB10/SS	R			
	Gr-2							
WED	Gr-1	CSEN4191/PROJECT	CSEN4191/PROJECT	L/CSEN4244/SB/ICTB10 L/CSEN4245/LMD/CB615B	E	Free Elective L/MATH4281/ICTB02/JB L/MATH4282/ICTB09/SDS L/BIOT4281/ICT205 L/ECEN4282/ICT201A/OB	REMEDIAL	
	Gr-2							
THU	Gr-1	CSEN4191/PROJECT	CSEN4191/PROJECT	L/CSEN4263/TC/ B12	A	L/CSEN4246/CB615B/AK	REMEDIAL	
	Gr-2							
FRI	Gr-1	L/CSEN4244/SB/ICTB07 L/CSEN 4245/LMD/ICT615B L/CSEN 4246 (GRP2)//CB615A/AK	L/HMTS4201/CB615B/GDG	K	Free Elective L/MATH4281/B09/DC L/BIOT4281/ICT205 L/MATH4282/CB615A L/ECEN4282/CB615B/OB			
	Gr-2							

To be Effective from 17th March, 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

B.Tech 1st Year 2nd Semester Course Curriculum

Sl.	Course Code	Course Name	Contact Hrs per Week				Credit Points
			L	T	P	Total	
A. THEORY							
1	HMTS4201	Organizational Behaviour	2	0	0	2	2
2	CSEN4241-CSEN4250	Professional Elective-IV	3	0	0	3	3
	CSEN4241 CSEN4242 CSEN4243 CSEN4244 CSEN4245 CSEN 4246	Distributed Algorithms Approximation Algorithms Computational Complexity Pattern Recognition Social Network Analysis Mobile Computing					
3	CSEN4261-CSEN4270	Professional Elective-V	3	0	0	3	3

	CSEN 4261 CSEN4262 CSEN 4263 CSEN 4264 CSEN 4265	Distributed Databases Image Processing Soft Computing Machine Learning Real Time & Embedded System					
4		Free Elective - II	3	0	0	3	3
	ECEN4282/ ECEN4283/ MATH4281/ MATH4282/ BIOT4281/ BIOT4282/ AEIE4281/ HMTS4283	VLSI Design VLSI Testing & Verification Probability and Stochastic Process Advanced Computational Mathematics and Graph theory Computational Biology Non-conventional Energy Sensor Technology Elementary Spanish for beginners					
Total Theory			11	0	0	11	11
B. PRACTICAL							
1	CSEN 4271 CSEN 4272 CSEN 4273 CSEN 4274 CSEN4275	Distributed Databases Lab Image Processing Lab Soft Computing Lab Machine Learning Lab Real Time & Embedded System Lab	0	0	3	3	2
Total Practical			0	0	3	3	2
C. SESSIONAL							
1	CSEN4231	Grand Viva	-	-	-	-	3
2	CSEN4291	Project II	0			9	8
Total Sessional			0	0	4	-	11
Total of Semester			11	0	3	23	24

Details of Faculty Members		
Initials	Name	Department
LMD	Prof. Lopamudra Dey	CSE
SB	Prof. Saikat Banerjee	
AC	Prof. Arindam Chatterjee	
PLD	Prof. (Dr.) Poulami Das	
SMK	Prof. Smritikona Barai	
TC	Prof. Tapas Chakraborty	
DB	Prof. (Dr.) Dinabandhu Bhandari	
DC	Prof. (Dr.) Dipankar Chakraborty	MATHS
JB	Prof. (Dr.) Jhumpa Bhadra	
SS	Prof. Saibal Sen	HUMANITIES
GDG	Prof. Gautam Das Gupta	
OB	Prof. Orijeet Bandopadhyay	ECE

HERITAGE INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B.Tech 4th Year 8th Semester Sec C

Session 2020-2021

Day / Time		10:00-11:00	11:00-12:00	12:00-13:00	13:00-14:00	14:00-15:00	15:00-16:00	16:00-17:00
MON	Gr-1	CSEN4191/PROJECT	L/CSEN4261/SMK/ICT201A L/CSEN 4264/DB/ICTB10 L/CSEN4262/PLD/ICTB07		B	Free Elective L/MATH4281/ICTB02/JB L/MATH4282/ICTB09/SD L/BIOT4281/ICT205 L/ECEN4282/ICT201B/OB	REMEDIAL	
	Gr-2							
TUE	Gr-1	SEN4261/SMK/ ICT201A L/CSEN4262/PLD/ CB615A L/CSEN 4263/TC/CB615B L/CSEN 4264/DB/ICTB10	L/CSEN4263/TC/ CB615B	CSEN4191/PROJECT	R	L/HMTS4201/CB615A/SS		
	Gr-2							
WED	Gr-1	L/CSEN 4246//(GR1)/AC/ICTB07		L/CSEN4244/SB/ICTB10 L/CSEN4245/LMD/CB615B	E	Free Elective L/MATH4281/ICTB02/JB L/MATH4282/ICTB09/SDS L/BIOT4281/ICT205 L/ECEN4282/ICT201A/OB	REMEDIAL	
	Gr-2		CSEN4191/PROJECT					
THU	Gr-1	LCSEN 4246//(GR1)/AC/B07	REMEDIAL	L/CSEN4263/TC/ B12	A	CSEN4191/PROJECT	REMEDIAL	
	Gr-2					L/CSEN4246(GRP2) /CB615B/AK		
FRI	Gr-1	L/CSEN4244/SB/ICTB07 L/CSEN 4245/LMD/ICT615B L/CSEN 4246 (GRP2)//CB615A/AK		CSEN4191/PROJECT	K	Free Elective L/MATH4281/B09/DC L/BIOT4281/ICT205 L/MATH4282/CB615A L/ECEN4282/CB615B/OB	CSEN4191/PROJECT	
	Gr-2							

To be Effective from 17th March, 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

B.Tech 1st Year 2nd Semester Course Curriculum

Sl.	Course Code	Course Name	Contact Hrs per Week				Credit Points
			L	T	P	Total	
A. THEORY							
1	HMTS4201	Organizational Behaviour	2	0	0	2	2
2	CSEN4241-CSEN4250	Professional Elective-IV	3	0	0	3	3
	CSEN4241 CSEN4242 CSEN4243 CSEN4244 CSEN4245 CSEN 4246	Distributed Algorithms Approximation Algorithms Computational Complexity Pattern Recognition Social Network Analysis Mobile Computing					
3	CSEN4261-CSEN4270	Professional Elective-V	3	0	0	3	3

	CSEN 4261 CSEN4262 CSEN 4263 CSEN 4264 CSEN 4265	Distributed Databases Image Processing Soft Computing Machine Learning Real Time & Embedded System					
4		Free Elective - II	3	0	0	3	3
	ECEN4282/ ECEN4283/ MATH4281/ MATH4282/ BIOT4281/ BIOT4282/ AEIE4281/ HMTS4283	VLSI Design VLSI Testing & Verification Probability and Stochastic Process Advanced Computational Mathematics and Graph theory Computational Biology Non-conventional Energy Sensor Technology Elementary Spanish for beginners					
Total Theory			11	0	0	11	11
B. PRACTICAL							
1	CSEN 4271 CSEN 4272 CSEN 4273 CSEN 4274 CSEN4275	Distributed Databases Lab Image Processing Lab Soft Computing Lab Machine Learning Lab Real Time & Embedded System Lab	0	0	3	3	2
Total Practical			0	0	3	3	2
C. SESSIONAL							
1	CSEN4231	Grand Viva	-	-	-	-	3
2	CSEN4291	Project II	0			9	8
Total Sessional			0	0	4	-	11
Total of Semester			11	0	3	23	24

Details of Faculty Members		
Initials	Name	Department
LMD	Prof. Lopamudra Dey	CSE
SB	Prof. Saikat Banerjee	
AC	Prof. Arindam Chatterjee	
PLD	Prof. (Dr.) Poulami Das	
SMK	Prof. Smritikona Barai	
TC	Prof. Tapas Chakraborty	
DB	Prof. (Dr.) Dinabandhu Bhandari	
DC	Prof. (Dr.) Dipankar Chakraborty	MATHS
JB	Prof. (Dr.) Jhumpa Bhadra	
SS	Prof. Saibal Sen	HUMANITIES
OB	Prof. Orijeet Bandopadhyay	ECE

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 4th Year 2nd Semester

SESSION: 2020-2021

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 NOON – 12.50 PM	1.00 PM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON	L/CHEN 4243/SB/CB 214	Remedial	Remedial	LUNCH BREAK	L/MECH 4283/RD/CB 315	Remedial	Remedial
					L/AEIE 4282/RSG/CB 214		
TUE	L/CHEN 4242/SWV/CB 214	L/CHEN 4241/PB/CB 214	Remedial		Remedial	Remedial	
WED	L/CHEN 4241/PB/CB 214	L/CHEN 4242/SWV/CB 214	Remedial		L/MECH 4283/RD/CME 408	Remedial	Remedial
					L/AEIE 4282/RSG/CB 214		
THU	L/CHEN 4243/SWV/CB 214	L/HMTS 4201/SS/CB 214	L/CHEN 4243/SB/CB 214		L/HMTS 4201/SS/CB 214	Remedial	Remedial
FRI	L/CHEN 4241/PB/CB 214	L/CHEN 4242/SWV/CB 214	Remedial		L/MECH 4283/SK/CME 408	Remedial	Remedial
					L/AEIE 4282/ RSG /CB 214		

To be Effective from 17th March, 2021

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

Member

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Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 4th Year 2nd Semester

SESSION: 2020-2021

INITIALS	FULLNAME	DEPARTMENT
PB	Prof. Pinaki Bhattacharya	Chemical Engineering
SWV	Prof. Swami Vedajnananda	Chemical Engineering
SB	Prof. Sangita Bhattacharjee	Chemical Engineering
RD	Prof. Rajat Dutta	Mechanical Engineering
SK	Prof. Subham Kundu	Mechanical Engineering
RSG	Prof. Reshma Sengupta	Applied Electronics & Instrumentation Engg.
SS	Prof. Saibal Sen	Humanities

Member

HOD

Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 4th Year 2nd Semester

SESSION: 2020-2021

COURSE STRUCTURE:

THEORY

S. No.	Code	Course Title	L	T	P	H	Credit
01	CHEN 4241 - 4244	Professional Elective-IV	3	0	0	3	3
02	FE 4281 - 4283	Free Elective-II	3	0	0	3	3
03	HMTS 4201	Organizational Behaviour	2	0	0	2	2
Total							8

LABORATORY

S. No.	Code	Course Title	L	T	P	H	Credit
Total							0

SESSIONAL

S. No.	Code	Course Title	L	T	P	H	Credit
01	CHEN 4291	Project –II	0	0	8	8	8
02	CHEN 4221	Plant Design	0	0	4	4	4
03	CHEN 4231	Comprehensive Viva Voce	0	0	3	3	3
Total							15
TOTAL CREDIT							23

Professional Elective IV	CHEN 4241 Catalysis & Catalytic Reactor Design	CHEN 4242 Total Quality Management	CHEN 4243 Environmental Engineering & Pollution Control.	CHEN 4244 Operations Research – Engineering Applications
Free Elective II for Chemical Engineering students	MECH 4283	BIOT 4281 Computational Biology	AEIE 4282 Control System and Applications	MATH 4281 Probability and Stochastic Processes

Member

HOD

Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

DEPARTMENT OF CIVIL ENGINEERING

B.Tech : 4th Year 2nd Semester (Sec-B)

SESSION: 2020 – 2021 (Even Semester)

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 AM – 12.50 AM	1.00 AM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON	L/CIVL 4201 RS / CME 406		L/HMTS 4201 GDG/ CME 406	BREAK	L/ MECH 4281/SBH/CME 406 L/MECH 4283/ RD/ CB 315 L/CHEN 4282 / SVJ/ CME 408 L/BIOT 4282 /BC / CME 514		
TUE	L/CIVL 4201 BD / CME 406		L/CIVL 4242 RR / CME 406		L/CIVL 4242 RR / CME 406		
WED	L/HMTS 4201 ID/ CME 406				L/ MECH 4281/SBH/CME 406 L/MECH 4283/ RD/CME 408 L/CHEN 4282 / SVJ/ ICT 402 L/BIOT 4282 / SDC/ CME 514		
THU	L/CIVL 4242 RL / CME 406						
FRI					L/ MECH 4281/AB/CME 406 L/MECH 4283/ SK/CME 408 L/CHEN 4282 / SVJ/ ICT B05 L/BIOT 4282 /BC / CME 514		

To be Effective from 17th March, 2021

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

Member

HOD

Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

DEPARTMENT OF CIVIL ENGINEERING

B.Tech : 4th Year 2nd Semester (Sec-B)

SESSION: 2020 – 2021 (Even Semester)

Abbreviations:

INITIAL	FULL NAME	DEPARTMENT
RL	Prof.(Dr.) Rajashree Lodh	Civil Engineering
RR	Prof. Rudra Prasad Roychowdhury	Civil Engineering
DG	Prof. Debanjan Ghosh	Civil Engineering
BD	Prof. Biswarup Das	Civil Engineering
RS	Prof. Biswarup Das	Civil Engineering
SBH	Prof. Sovan Bhowmick	Mechanical Engineering
AB	Prof. Anubhab Basu	Mechanical Engineering
RD	Prof. Rajat Dutta	Mechanical Engineering
SK	Prof. Subham Kundu	Mechanical Engineering
SVJ	Prof. Swami Vedajnananda	Chemical Engineering
BC	Prof. Bhaswati Chakraborty	Biotechnology
SDB	Prof. Sudipta Dey Bandhopadhyay	Biotechnology
GDG	Prof. Gautam Dasgupta	Humanities
ID	Prof. Indrani De (Guest Faculty)	Humanities

To be Effective from 17th March, 2021

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

Member

HOD

Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

DEPARTMENT OF CIVIL ENGINEERING

B.Tech : 4th Year 2nd Semester (Sec-B)

SESSION: 2020 – 2021 (Even Semester)

COURSE STRUCTURE:

A. THEORY							
Sl No	Code Number	Subject	Contact Hours				Credit point
			L	T	P	Total	
1	CIVL 4201	Construction Planning and Project Management	3	0	0	3	3
2		Professional Elective IV	3	1	0	4	4
	CIVL 4241	Bridge Engineering					
	CIVL 4242	Traffic Engineering and Transportation Planning					
	CIVL 4243	Advanced Foundation Engineering					
	CIVL 4244	Finite Element Analysis					
3		Free Elective II	3	0	0	3	3
	CIVL 4281	Remote Sensing and GIS					
	CIVL 4282	Principles of Surveying					
	CIVL 4283	Project Planning and Management					
4	HMTS 4201	Organizational Behaviour	2	0	0	2	2
Total Theory			12				12
B. SESSIONAL							
5	CIVL 4231	Comprehensive Viva Voce	0	0	0	0	3
6	CIVL 4291	Project II	0	0	12	12	8
Total Sessional			12				11
Total of Semester			24				23

<u>Professional Elective IV</u>	<u>Free Elective for Civil Engineering Students</u>
CIVL 4242: Traffic Engineering and Transportation Planning	MECH 4281: Mechanical Handling of Materials MECH 4283: Modern Manufacturing Technology CHEN 4282: Total Quality Management and Assurance BIOT 4282: Non Conventional Energy

To be Effective from 17th March, 2021

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

Member

HOD

Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

DEPARTMENT OF CIVIL ENGINEERING

B.Tech : 4th Year 2nd Semester (Sec-A)

SESSION: 2020 – 2021 (Even Semester)

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 AM – 12.50 AM	1.00 AM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON				BREAK	L/ MECH 4281/SBH/CME 406 L/MECH 4283/RD/CB 315 L/CHEN 4282 / SVJ/ CME 408 L/BIOT 4282 /BC / CME 514	L/HMTS 4201 ID/ CME 408	L/HMTS 4201 ID/ CME 408
TUE	L/CIVL 4201 RS/ CME 408		L/CIVL 4242 RL / CME 408		L/CIVL 4242 RL/CME 408		
WED	L/CIVL 4242 RR / CME 408				L/ MECH 4281/SBH/CME 406 L/MECH 4283/RD /CME 408 L/CHEN 4282 / SVJ/ ICT 402 L/BIOT 4282 / SDC/ CME 514		
THU	L/CIVL 4201 BD / CME 408						
FRI					L/ MECH 4281/AB/ CME 406 L/MECH 4283/SK /CME 408 L/CHEN 4282 / SVJ/ ICT B05 L/BIOT 4282 / BC/ CME 514		

To be Effective from 17th March, 2021

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Students should target 100% attendance

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HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

DEPARTMENT OF CIVIL ENGINEERING

B.Tech : 4th Year 2nd Semester (Sec-A)

SESSION: 2020 – 2021 (Even Semester)

Abbreviations

INITIAL	FULL NAME	DEPARTMENT
RL	Prof.(Dr.) Rajashree Lodh	Civil Engineering
RR	Prof. Rudra Prasad Roychowdhury	Civil Engineering
DG	Prof. Debanjan Ghosh	Civil Engineering
BD	Prof. Biswarup Das	Civil Engineering
RS	Prof. Rupam Sam	Civil Engineering
SBH	Prof. Sovan Bhowmick	Mechanical Engineering
AB	Prof. Anubhab Basu	Mechanical Engineering
RD	Prof. Rajat Dutta	Mechanical Engineering
SK	Prof. Subham Kundu	Mechanical Engineering
SVJ	Prof. Swami Vedajnananda	Chemical Engineering
BC	Prof. Bhaswati Chakraborty	Biotechnology
SDB	Prof. Sudipta Dey Bandhopadhyay	Biotechnology
ID	Prof.Indrani De (Guest Faculty)	Humanities

To be Effective from 17th March, 2021

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TIME TABLE

DEPARTMENT OF CIVIL ENGINEERING

B.Tech : 4th Year 2nd Semester (Sec-A)

SESSION: 2020 – 2021 (Even Semester)

COURSE STRUCTURE:

A. THEORY							
Sl No	Code Number	Subject	Contact Hours				Credit point
			L	T	P	Total	
1	CIVL 4201	Construction Planning and Project Management	3	0	0	3	3
2		Professional Elective IV	3	1	0	4	4
	CIVL 4241	Bridge Engineering					
	CIVL 4242	Traffic Engineering and Transportation Planning					
	CIVL 4243	Advanced Foundation Engineering					
	CIVL 4244	Finite Element Analysis					
3		Free Elective II	3	0	0	3	3
	CIVL 4281	Remote Sensing and GIS					
	CIVL 4282	Principles of Surveying					
	CIVL 4283	Project Planning and Management					
4	HMTS 4201	Organizational Behaviour	2	0	0	2	2
Total Theory			12				12
B. SESSIONAL							
5	CIVL 4231	Comprehensive Viva Voce	0	0	0	0	3
6	CIVL 4291	Project II	0	0	12	12	8
Total Sessional			12				11
Total of Semester			24				23

To be Effective from 17th March, 2021

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DEPARTMENT OF CIVIL ENGINEERING

B.Tech : 4th Year 2nd Semester (Sec-A)

SESSION: 2020 – 2021 (Even Semester)

<u>Professional Elective IV</u>	<u>Free Elective for Civil Engineering Students</u>
CIVL 4242: Traffic Engineering and Transportation Planning	MECH 4281: Mechanical Handling of Materials MECH 4283: Modern Manufacturing Technology CHEN 4282: Total Quality Management and Assurance BIOT 4282: Non Conventional Energy

To be Effective from 17th March, 2021

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

Students should target 100% attendance

Member

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Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<DEPARTMENT of BIOTECHNOLOGY>

B.Tech 4th Year 2nd Semester

SESSION: 2020-2021

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 NOON – 12.50 PM	1.00 PM – 2.00 PM	2.00 PM – 2.50 PM	3.00 PM – 3.50 PM	4.00 PM – 4.50 PM
MON	L/BIOT 4241 CB 408 SHD	L/HMTS 4203 CB 408 NKJ	L/BIOT 4242 CB 408 RG	LUNCH BREAK	L/CHEN 4281 CB 408 PB	L/BIOT 4246 CB 408 DC	
					L/CHEN4282 CME 408 SWV		
TUE	L/HMTS 4203 NKJ CB 408	L/BIOT 4241 CB 408 SHD	Remedial class CB 408		L/BIOT4242 CB 408 NKJ	L/BIOT 4246 CB 408 DC	
WED	L/HMTS 4203 TKG CB 408	L/BIOT 4241/PC CB 408	Remedial class CB 408		L/CHEN 4281 CB 408 PB		Remedial class CB408
					L/CHEN4282 ICT 402 SWV		
THU	L/BIOT 4242/NKJ CB 408	L/BIOT 4241 CB408 PC	L/BIOT 4242 CB 408 RG		L/BIOT4246 CB 408 SHD		Remedial class CB408
FRI	L/HMTS 4203 CB408 TKG	Remedial class CB408	L/BIOT 4246 CB408 SHD		L/CHEN 4281 CB 408 PB		
					L/CHEN 4282 ICT B05 SWV		

To be Effective from 17th March, 2021

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

Students should target 100% attendance

Member

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Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

< DEPARTMENT of BIOTECHNOLOGY >

B.Tech 4th Year 2nd Semester

SESSION: 2020-2021

INITIALS	FULLNAME	DEPARTMENT
DC	Prof. (Dr.) Dipankar Chaudhury	BT
RG	Dr. Riddhi Goswami	BT
NKJ	Dr. Nandan Kumar Jana	BT
TKG	Dr. Tapan Kumar Ghosh	BT
SMB	Dr. Soma Banerjee	BT
SDE	Dr. Sudipta Dey Bandyopadhyay	BT
PC	Prof. Plaban Chawdhuri	BT
PB	Prof. (Dr.) Pinaki Bhattacharya	CHE
SWV	Prof. (Dr.) Swami Vedajananda	CHE

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HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

< DEPARTMENT of BIOTECHNOLOGY >

B.Tech 4th Year 2nd Semester

SESSION: 2020-2021

COURSE STRUCTURE:

A. THEORY								
Sl No	Code	Field	Theory	Contact Hours/Week				Cr. Points
				L	T	P	Total	
1	HMTS4203	Humanities	Bioethics & IPR	3	0	0	3	2
2	BIOT4241	Prof. elective-IV	Renewable Energy Technology	3	1	0	4	4
	BIOT4242		Tissue Engineering					
	BIOT4243		Biomedical Engineering					
	BIOT4244		Post Harvest Technology					
	BIOT4245		Metabolic Engineering					
	BIOT4246		Medical & Pharmaceutical Biotechnology					
	BIOT4247		Basic Process Equipment Design					
3	BIOT4281	Free elective-II*	Computational Biology	3	0	0	3	3
	BIOT4282		Non-conventional Energy					
			Total of Theory				10	9
B. SESSIONAL								
4	BIOT4231	Sessional	Comprehensive Viva Voce					3
5	BIOT4291	Sessional	Project-II	0	0	16	16	8
			Total of Sessional				16	11
			Total of Semester				26	20

* Open Elective papers offered by the Department of Biotechnology for other departments

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