

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

**B. Tech 4th Year 7th Semester SESSION: 2020-2021**

Day	9-9:50	10-10:50	11-11:50	12-12:50	1-2 BREAK	2-2:50	3-3:50	4-4:50
Mon								
Tue	AEIE4111/AKB,SMC/BM,SMP,SJD/GR1							
	AEIE4112/SKD,AMS/SKB,HP,KM,SBJ/GR2							
Wed		HMTS 4121/KGT						
Thurs	AEIE4111/AKB,SMC/BM,SMP,SJD/GR2							
	AEIE4112/SKD,AMS/SKB,HP,KM,SBJ/GR1							
Fri								

To be effective from 17th May, 2021.

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

GR1-----Group1 Class Roll-1753001 to 1753038

GR1-----Group2 Class Roll-1753042 to 1753078

Member

HOD

Principal

### Faculty Details

INITIALS	FULLNAME	DEPARTMENT
KGT	Dr.KasturiGuhaThakurta	HUM
SKD	Prof. (Dr.) Soumik Das	AEIE
AKB	Prof.(Dr.) Anil Kumar Bag	AEIE
AMS	Prof. Arindam Sarkar	AEIE
SMC	Prof.Samik Chakraborty	AEIE

### TA Details

INITIALS	FULLNAME	DEPARTMENT
SBJ	Mrs. Suparna Banerjee	AEIE
SMP	Mrs. Sampa (Paul) Maity	AEIE
HP	Mrs. Harapriya Panda	AEIE
SJD	Mr. Sujoy Kumar Das	AEIE
SKB	Mr. Sumit Kumar Bakshi	AEIE
KM	Mr. KoushikMazumder	AEIE
BM	Mr. BibhasMaikap	AEIE



#### 4<sup>th</sup> Year 1<sup>st</sup> Semester Syllabus:

<b>Theory</b>							
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points
			L	T	P	Total	
1	AEIE4101	Telemetry & Remote Control	3	1	-	4	4
2	AEIE4102	Power Electronics and Drives	3	1	-	4	4
3	AEIE4141/ AEIE4142/ AEIE4143	Advanced Process Control/ Soft Computing/ Power plant Instrumentation	3	-	-	3	3
4	BIOT4181/ CSEN4182/ ECEN4181/ MATH4182	Biosensors/ Big Data and Web Technology/ VLSI Design Automation/ Linear Algebra/	3	-	-	3	3
<b>Total Theory</b>			<b>12</b>	<b>2</b>	<b>-</b>	<b>14</b>	<b>14</b>

<b>Laboratory</b>							
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points
			L	T	P	Total	
1	AEIE4111	Telemetry & Remote Control Lab	-	-	3	3	2
2	AEIE4112	Power Electronics and Drives Lab	-	-	3	3	2
<b>Total Laboratory</b>			<b>-</b>	<b>-</b>	<b>6</b>	<b>6</b>	<b>4</b>

<b>Sessional</b>							
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points
			L	T	P	Total	
1	HMTS4121	Professional Development	-	-	3	3	2
2	AEIE4131	Industrial Training Evaluation	4 Weeks during 6 <sup>th</sup> – 7 <sup>th</sup> Semester Break				2
3	AEIE4191	Project I	-	-	6	6	4
<b>Total Sessional</b>			<b>-</b>	<b>-</b>	<b>9</b>	<b>9</b>	<b>8</b>
<b>Total of Semester</b>			<b>12</b>	<b>2</b>	<b>15</b>	<b>29</b>	<b>26</b>

# HERITAGE INSTITUTE OF TECHNOLOGY

4<sup>th</sup> YEAR 7<sup>th</sup> SEM ONLINE LAB ROUTINE

DEPARTMENT OF BIOTECHNOLOGY

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	4-4.50 pm
MON	BIOT4151 (KM-RC)			LUNCH  BREAK	HMTS 4121		
	BIOT 4152 (SB)						
	BIOT 4153 (BC-SDE)						
TUE	BIOT4151 (KM-RC)						
	BIOT 4152(SB)						
	BIOT 4153(BC-SDE)						
WED	BIOT4151(KM-RC)						
	BIOT 4152(SB)						
	BIOT 4153(BC-SDE)						
THU	BIOT4151(KM-RC)						
	BIOT 4152(SB)						
	BIOT 4153(BC-SDE)						
FRI	BIOT4151(KM-RC)						
	BIOT 4152 (SB)						
	BIOT 4153(BC-SDE)						

To be effective from May 17, 2021

**4<sup>th</sup> YEAR 7<sup>th</sup> SEM ONLINE LAB ROUTINE**

**HERITAGE INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF BIOTECHNOLOGY**

**SESSION: 2020-2021**

**To be effective from May 17, 2021**

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### CHEMICAL ENGINEERING

**B. Tech<sup>4</sup><sup>th</sup>Year 1<sup>st</sup>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					CHEN 4112/PS, TA: SeB, SD/Gr. I		
TUE	CHEN 4113/AG, TA: MR,SM/Gr. I				CHEN 4112/SWV, TA: SeB,SB/Gr. II		
WED	CHEN 4113/SB, TA: MR,SS/Gr. II				CHEN 4191		
THU	HMTS 4121/SPR				CHEN 4191		
FRI							

**To be Effective from 17<sup>th</sup> May, 2021**

**A minimum of 75% attendance is mandatory for being eligible to sit for the University Examination.**

**Students should target 100% attendance**

**Member**

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**HERITAGE INSTITUTE OF TECHNOLOGY**  
TIME TABLE  
**CHEMICAL ENGINEERING**

**B. Tech4<sup>th</sup>Year 1<sup>st</sup>Semester**

**SESSION: 2020-2021**

INITIALS	FULLNAME	DEPARTMENT
PS	Prof. Pramita Sen	Chemical Engineering
SWV	Prof. Swami Vedajnananda	Chemical Engineering
AG	Prof. Avijit Ghosh	Chemical Engineering
SB	Prof. Sangita Bhattacharjee	Chemical Engineering
SPR	Ms. Saptarna Roy	Humanities

**Member**

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# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### CHEMICAL ENGINEERING

**B. Tech4<sup>th</sup>Year 1<sup>st</sup>Semester**

**SESSION: 2020-2021**

<b>THEORY</b>							
<b>S.No</b>	<b>Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>H</b>	<b>Credit</b>
01	CHEN 4101	Transport Phenomena	3	1	0	4	4
02	CHEN 4103	Modeling Simulation and Optimization	3	0	0	3	3
03	CHEN 4141-4143	Professional Elective III	3	0	0	3	3
04	FE 4181-4184	Free Elective-I	3	0	0	3	3
<b>Total Theory</b>							<b>13</b>
<b>LABORATORY</b>							
<b>S.No</b>	<b>Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>H</b>	<b>Credit</b>
01	CHEN 4112	Instrumental Methods of Analysis Lab	0	0	3	3	2
02	CHEN 4113	Process Control Laboratory	0	0	3	3	2
<b>Total</b>							<b>4</b>
<b>SESSIONAL</b>							
<b>S.No.</b>	<b>Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>H</b>	<b>Credit</b>
01	CHEN4191	Project-I	0	0	6	6	4
02	CHEN 4131	Industrial Training	4wks-6 <sup>th</sup> -7 <sup>th</sup> sem break				2
03	CHEN 4132	Seminar II	0	0	0	3	2
04	HMTS 4121	Professional Development	0	0	3	3	2
<b>Total</b>							<b>10</b>
<b>TOTAL CREDIT</b>							<b>27</b>

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# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### DEPARTMENT OF CIVIL ENGINEERING

**B.Tech : 4<sup>th</sup> Year, 7<sup>th</sup> Semester (Sec-A)**

**SESSION: 2020 – 2021 ( Odd Semester)**

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 PM – 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				BREAK			
TUE							
WED	LAB/ CIVL 4111 SK, DC						
THU					LAB/ HMTS 4121 KM		
FRI	LAB/ CIVL 4111 DC						

**To be Effective from 17<sup>th</sup> May, 2021**

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

**Member**

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# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

## DEPARTMENT OF CIVIL ENGINEERING

**B.Tech : 4<sup>th</sup> Year, 7<sup>th</sup> Semester (Sec-A)**

**SESSION: 2020 – 2021 ( Odd Semester)**

### Abbreviations

INITIAL	FULL NAME	DEPARTMENT
SK	Prof. SouravKar	Civil Engineering
DG	Prof. Debanjan Ghosh	Civil Engineering
DC	Prof. Dona Chatterjee	Civil Engineering
SPR	Prof. Saptaparna Roy	Humanities
KM	Prof. Koyel Mallick	Humanities

**To be Effective from 17<sup>th</sup> May, 2021**

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

**Member**

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**Principal**

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### DEPARTMENT OF CIVIL ENGINEERING

**B.Tech : 4<sup>th</sup> Year, 7<sup>th</sup> Semester (Sec-A)**

**SESSION: 2020 – 2021 ( Odd Semester)**

#### COURSE STRUCTURE:

A.THEORY				
Sl No	Code Number	Subject	Contact Hours L T P Total	Credit point
1	CIVL 4101	Water Resources Engineering	3 1 0 4	4
2		Professional Elective II	3 1 0 4	3
	CIVL 4141	Advanced Structural Analysis		
	CIVL 4142	Remote Sensing and GIS		
	CIVL 4143	Advanced Pavement Engineering		
	CIVL 4144	Hydraulics Structures		
3		Professional Elective III	3 1 0 4	4
	CIVL 4161	Soil Dynamics and Machine Foundations		
	CIVL 4162	Structural Dynamics & Earthquake Engineering		
	CIVL 4163	Environmental Pollution & Control		
	CIVL 4164	Advanced R.C.C. Design		
4		Free Elective I	3 0 0 3	3
	CIVL 4181	Building Materials		
	CIVL 4182	Hydrology		
	CIVL 4183	Environmental Pollution & Control		
Total Theory			15	14
B. PRACTICAL				
5	CIVL 4111	Computer Application in Civil Engg	0 0 3 3	2
Total Practical			3	2
C.SESSIONAL				
6	HMTS 4121	Professional Development	0 0 3 3	2
7	CIVL 4131	Industrial Training Evaluation	4 weeks during 6 <sup>th</sup> -7 <sup>th</sup> Sem. break	2
8	CIVL 4132	Seminar II	0 0 3 3	2
9	CIVL 4191	Project -I	0 0 6 6	4
Total Sessional			12	10
Total of Semester			30	26

Free Elective for Civil Engineering Students (4<sup>th</sup> Year 1<sup>st</sup> Semester):

MECH 4181: Quantitative Decision Making

CHEN 4181: Safety and Hazard Analysis

ELEC 4182: Circuit Theory Analysis

**To be Effective from 17<sup>th</sup> May, 2021**

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# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### DEPARTMENT OF CIVIL ENGINEERING

**B.Tech : 4<sup>th</sup> Year, 7<sup>th</sup> Semester (Sec-B)**

**SESSION: 2020 – 2021 (Odd Semester)**

DAY	10.00 AM – 10.50 AM	11.00 AM – 11.50 AM	12.00 PM – 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				BREAK	LAB/ HMTS 4121 SPR		
TUE	LAB/ CIVL 4111 SK, DG						
WED							
THU					LAB/ CIVL 4111 SK, DG		
FRI							

**To be Effective from 17<sup>th</sup> May, 2021**

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**Member**

**HOD**

**Principal**

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

## DEPARTMENT OF CIVIL ENGINEERING

**B.Tech : 4<sup>th</sup> Year, 7<sup>th</sup> Semester (Sec-B)**

**SESSION: 2020 – 2021 (Odd Semester)**

### Abbreviations:

INITIAL	FULL NAME	DEPARTMENT
SK	Prof. SouravKar	Civil Engineering
DG	Prof. Debanjan Ghosh	Civil Engineering
DC	Prof. Dona Chatterjee	Civil Engineering
SPR	Prof. Saptaparna Roy	Humanities
KM	Prof. Koyel Mallick	Humanities

**To be Effective from 17<sup>th</sup> May, 2021**

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# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### DEPARTMENT OF CIVIL ENGINEERING

**B.Tech : 4<sup>th</sup> Year, 7<sup>th</sup> Semester (Sec-B)**

**SESSION: 2020 – 2021 (Odd Semester)**

#### COURSE STRUCTURE:

A.THEORY						
Sl No	Code Number	Subject	Contact Hours			Credit point
			L	T	P Total	
1	CIVL 4101	Water Resources Engineering	3	1	0 4	4
2		Professional Elective II	3	1	0 4	3
	CIVL 4141	Advanced Structural Analysis				
	CIVL 4142	Remote Sensing and GIS				
	CIVL 4143	Advanced Pavement Engineering				
	CIVL 4144	Hydraulics Structures				
3		Professional Elective III	3	1	0 4	4
	CIVL 4161	Soil Dynamics and Machine Foundations				
	CIVL 4162	Structural Dynamics & Earthquake Engineering				
	CIVL 4163	Environmental Pollution & Control				
	CIVL 4164	Advanced R.C.C. Design				
4		Free Elective I	3	0	0 3	3
	CIVL 4181	Building Materials				
	CIVL 4182	Hydrology				
	CIVL 4183	Environmental Pollution & Control				
Total Theory			15			14
B. PRACTICAL						
5	CIVL 4111	Computer Application in Civil Engg	0	0	3 3	2
Total Practical			3			2
C.SESSIONAL						
6	HMTS 4121	Professional Development	0	0	3 3	2
7	CIVL 4131	Industrial Training Evaluation	4 weeks during 6 <sup>th</sup> -7 <sup>th</sup> Sem. break			2
8	CIVL 4132	Seminar II	0	0	3 3	2
9	CIVL 4191	Project -I	0	0	6 6	4
Total Sessional			12			10
Total of Semester			30			26

**Free Elective for Civil Engineering Students (4<sup>th</sup> Year 1<sup>st</sup> Semester):**

MECH 4181: Quantitative Decision Making  
 CHEN 4181: Safety and Hazard Analysis  
 ELEC 4182: Circuit Theory Analysis

**To be Effective from 17<sup>th</sup> May, 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**

**CSE 7TH SEMESTER LAB ROUTINE****Session: 2020-2021**

	10:00 AM-12:50 PM	1:00 PM-2:00 PM	2:00 PM-4:50 PM
MONDAY		BREAK	CSEN 4111/SEC C/SS AR+DS+SHS
TUESDAY			HMTS 4121/CSE A
			HMTS 4121/CSE C
WEDNESDAY	CSEN 4111/SEC B-GR 3/AC SM+SHS		
THURSDAY			CSEN 4111/SEC B-GR 4/AC SC+AR
FRIDAY	CSEN 4111/SEC A/SCB SC+PD+DS		
	HMTS 4121/CSE B		

**To be effective from 17th May, 2021**

**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ECE A**

**B. Tech 4th Year 1st Semester**

**SESSION: 2020-2021(Odd)**

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	5.00 PM – 5.50 PM
MON	LAB/HMTS 4121/KM							
TUE	LAB/ECEN 4111/ SM/DP+PSD					LAB/ECEN 4113/AC/ STM+PM		
WED								
THU								
FRI								

To be effective from 17<sup>th</sup> May, 2021  
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Students should target 100% attendance

**Member**

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**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ECE A**

**B. Tech 4th Year 1st Semester**

**SESSION: 2020-2021(Odd)**

<b>INITIALS</b>	<b>FULLNAME</b>	<b>DEPARTMENT</b>
SM	Prof. Susovan Mondal	ECE
AC	Prof. Ananya Chattopadhyay	ECE
KM	Prof. Koyel Mallick	HUM
DP	Ms. Debjani Paul	ECE
STM	Ms. Simantoni Mandal	ECE
PSD	Mr. Partha Sarathi Das	ECE
PM	Mr. Prativa Mandal	ECE

**To be effective from 17<sup>th</sup> May, 2021**

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**Principal**

**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ECE A**

**B. Tech 4th Year 1st Semester**

**SESSION: 2020-2021(Odd)**

<b>B. Practical</b>							
5	<b>ECEN4111</b>	RF & Microwave Engineering Laboratory	0	0	3	3	2
6	<b>ECEN4113</b>	Advanced Communication Systems Laboratory	0	0	3	3	2
<b>Total Practical</b>						<b>6</b>	<b>4</b>

<b>C. Sessionals</b>							
8	<b>HMTS4121</b>	Professional Development	0	0	3	3	2

To be effective from 17<sup>th</sup> May, 2021  
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**Member**

**HOD**

**Principal**

**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ECE B**

**B. Tech 4th Year 1st Semester**

**SESSION: 2020-2021(Odd)**

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	5.00 PM – 5.50 PM
MON	LAB/HMTS 4121/KDT			LUNCH BREAK				
TUE	LAB/ECEN 4111/DS/RP+AD					LAB/ECEN 4113/SCH/MS+SM		
WED								
THU								
FRI								

To be effective from 17<sup>th</sup> May, 2021  
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**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ECE B**

**B. Tech 4th Year 1st Semester**

**SESSION: 2020-2021(Odd)**

<b>INITIALS</b>	<b>FULLNAME</b>	<b>DEPARTMENT</b>
DS	Prof. Debanjali Sadhu	ECE
SCH	Prof. Sabyasachi Chatterjee	ECE
KDT	Prof. Kasturi Guha Thakur	HUM
RP	Ms. Rubi Paul	ECE
MS	Ms. Madhabi Samanta	ECE
AD	Mr. Arindam Das	ECE
SM	Mr. Susanta Mandal	ECE

**To be effective from 17<sup>th</sup> May, 2021**

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**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ECE B**

**B. Tech 4th Year 1st Semester**

**SESSION: 2020-2021(Odd)**

<b>B. Practical</b>							
5	<b>ECEN4111</b>	RF & Microwave Engineering Laboratory	0	0	3	3	2
6	<b>ECEN4113</b>	Advanced Communication Systems Laboratory	0	0	3	3	2
<b>Total Practical</b>						<b>6</b>	<b>4</b>

<b>C. Sessionals</b>							
8	<b>HMTS4121</b>	Professional Development	0	0	3	3	2

To be effective from 17<sup>th</sup> May, 2021  
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**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ECE C**

**B. Tech 4th Year 1st Semester**

**SESSION: 2020-2021(Odd)**

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	5.00 PM – 5.50 PM
MON	LAB/HMTS 4121/SC			LUNCH BREAK				
TUE								
WED	LAB/ECEN 4111/TD/TM+AR							
THU						LAB/ECEN 4113/SDG/PS+MOU		
FRI								

To be effective from 17<sup>th</sup> May, 2021  
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**Member**

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**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ECE C**

**B. Tech 4th Year 1st Semester**

**SESSION: 2020-2021(Odd)**

<b>INITIALS</b>	<b>FULLNAME</b>	<b>DEPARTMENT</b>
TD	Prof. Tania Das	ECE
SDG	Prof. Shounak Dasgupta	ECE
SC	Prof. Suparna Chakraborty	HUM
PS	Mr. Pritam Sahu	ECE
TM	Mr. Tapas Maiti	ECE
MOU	Mr. Mousumi Samanta	ECE
AR	Mr. Aditi Roy	ECE

To be effective from 17<sup>th</sup> May, 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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**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ECE C**

**B. Tech 4th Year 1st Semester**

**SESSION: 2020-2021(Odd)**

<b>B. Practical</b>							
5	<b>ECEN4111</b>	RF & Microwave Engineering Laboratory	0	0	3	3	2
6	<b>ECEN4113</b>	Advanced Communication Systems Laboratory	0	0	3	3	2
<b>Total Practical</b>						<b>6</b>	<b>4</b>

<b>C. Sessionals</b>							
8	<b>HMTS4121</b>	Professional Development	0	0	3	3	2

To be effective from 17<sup>th</sup> May, 2021  
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Students should target 100% attendance

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# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### ELECTRICAL ENGINEERING

B. Tech 4<sup>th</sup> Year 1<sup>st</sup> Semester(LAB)

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			
TUE	HMTS4121/MDC						
WED							
THU							
FRI					ELEC4111/ ED&AK/ BM & RDC		

To be Effective from 17.05.2021

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  
**ELECTRICAL ENGINEERING**

**B. Tech 4<sup>th</sup> Year 1<sup>st</sup> Semester(LAB)**

**SESSION: 2020-2021**

INITIALS	FULLNAME	DEPARTMENT
ED	MS. EMILY DATTA	EE
AK	MR. ANIRBAN KOLAY	EE
BM	MR. BISWAJYOTI MUKHERJEE	EE
RDC	MS. RUPALI DEY CHATTERJEE	EE
MDC	DR. MADHUMITA DAS CHANDRA	HUM

**Member**

**HOD**

**Principal**

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**HERITAGE INSTITUTE OF TECHNOLOGY**  
TIME TABLE  
**ELECTRICAL ENGINEERING**

**B. Tech 4<sup>th</sup> Year 1<sup>st</sup> Semester(LAB)**

**SESSION: 2020-2021**

**B.Tech in Electrical Engineering 4<sup>th</sup> Year 1<sup>st</sup> Semester Syllabus**

**Theory:**

Sl. No.	Code	Paper	Contact Periods per Weeks			Total Contact Hrs	Credits
			L	T	P		
1	ELEC4101	Electric Drives & Power Utilization	3	1	0	4	4
2	ELEC4102	High Voltage Engineering	3	1	0	4	4
3		Professional Elective-III	3	0	0	3	3
4		Free Elective-I	3	0	0	3	3
		Total Theory	15	0	0	14	14

**Practical:**

Sl. No.	Code	Paper	Contact Periods per Weeks			Total Contact Hrs	Credits
			L	T	P		
1	ELEC4111	Electric Drives Lab.	0	0	3	3	2
2	HMTS 4121	Group Discussion for Professional	0	0	3	3	2
		Total of Practical	0	0	6	6	4

**Sessional:**

Sl. No.	Code	Paper	Contact Periods per Weeks			Total Contact Hrs	Credits
			L	T	P		
1	ELEC4191	Project- I	0	0	0	6	4
2	ELEC4121	Electrical Machine Design	0	0	0	3	2
3	ELEC4031	Seminar-I	0	0	0	3	2
4	ELEC4131	Industrial Training Evaluation	0	0	0	0	2
		Total of Sessional	0	0	0	12	10
TOTAL OF SEMESTER:						32	28

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**HERITAGE INSTITUTE OF TECHNOLOGY**  
TIME TABLE  
**ELECTRICAL ENGINEERING**

**B. Tech 4<sup>th</sup> Year 1<sup>st</sup> Semester(LAB)**

**SESSION: 2020-2021**

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# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### INFORMATION TECHNOLOGY

**B.Tech 4thYear 1st Semester**

**SESSION: 2020-2021**

DAY	9.00 AM – 10.00 AM	10.00 AM – 11.00 AM	11.00 AM – 12.00 PM	12.00 PM – 1.00 PM	1.00 PM – 2.00 PM	2.00 PM – 3.00 PM	3.00 PM – 4.00 PM	4.00 PM – 5.00 PM
MON					BREAK		INFO4112/JDH(Gr1)TM,MB	
TUE				INFO4112/JDH(Gr1)TM,MB				
				INFO4111/SPB(Gr2)SR,SB				
WED	INFO4121/DPM(Gr1)SG, SB	INFO4111/SPB(Gr2) MB,AD				INFO4111/SPB(Gr1)AD,MB		
				INFO4112/JDH(Gr2)TM,SR				
THU			HMTS 4121 (Gr1+Gr2)					
				INFO4111/SPB(Gr1)SR,SG				
FRI	INFO4121/DPM(Gr2) SG,AD						INFO4112/JDH(Gr2)TM,SB	

**To be Effective from 17 May, 2021**

**A minimum of 75% attendance is mandatory for being eligible to sit for the University Examination.**

**Students should target 100% attendance**

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# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

## INFORMATION TECHNOLOGY

**B.Tech 4thYear 1st Semester**

**SESSION: 2020-2021**

INITIALS	FULLNAME	DEPARTMENT
JDH	Prof. Joydev Hazra	Information Technology
SPB	Prof. Sudipta Bhadra	Information Technology
DPM	Prof. Deep Malya Mukhopadhyay	Information Technology
SC	Dr. Suparna Chakraborty	Humanities

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# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

## INFORMATION TECHNOLOGY

B.Tech 4th Year 1st Semester

SESSION: 2020-2021

COURSE STRUCTURE:

Theory							
Sl. No	Paper Code	Paper Name	Contact Hrs per Week				Credit Point
			L	T	P	Total	
1	INFO4101	Internet Technology	3	1	0	4	4
2	INFO4102	Image Processing	3	1	0	4	4
3		Professional Elective - IV	3	0	0	3	3
4		Free Elective - I	3	0	0	3	3
		<b>Total Theory</b>				<b>14</b>	<b>14</b>

Laboratory							
Sl. No	Paper Code	Paper Name	Contact Hrs per Week				Credit Point
			L	T	P	Total	
5	INFO4111	Internet Technology Laboratory	0	0	3	3	2
6	INFO4112	Image Processing Laboratory	0	0	3	3	2
		<b>Total Laboratory</b>				<b>6</b>	<b>4</b>

Sessional							
Sl. No	Paper Code	Paper Name	Contact Hrs per Week				Credit Point
			L	T	P	Total	
7	HMTS4121	Professional Development	0	0	3	3	2
8	INFO4131	Industrial Training Evaluation	0	0	0	0	2
9	INFO4121	Industry Competence Laboratory	0	0	3	3	2
10	INFO4191	Project - I	0	0	6	6	4
		<b>Total Sessional</b>				<b>12</b>	<b>10</b>
		<b>Total Semester</b>				<b>32</b>	<b>28</b>

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

1. INFO4181 Cyber Crime & Cyber Security
2. INFO4182 Cloud Computing

**Professional Elective – IV Papers (any one):**

- 3(a) INFO4141 Distributed Operating System
- 3(b) INFO4142 Cyber Law & Security Policy
- 3(c) INFO4143 Fundamentals of Cloud Computing

**Free Elective – I Papers (any one):**

- 4(a) ECEN4181 VLSI Design Automation
- 4(b) MATH4181 Operations Research and Optimization Techniques
- 4(c) AEIE 4182 Introduction to Embedded System

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**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT: MECHANICAL ENGINEERING**

**B Tech. 4<sup>th</sup> Year 7<sup>th</sup> Semester    Sec - A**

**Session: 2020-21**

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	4:00-4.50 pm	5:00-5:50 P.M
MO N	Gr 1				BREAK	HMTS 4121/MDC			
	Gr 2								
TUE	Gr 1				BREAK				
	Gr 2								
WED	Gr 1				BREAK	MECH 4111/ AR/ RR, SC			
	Gr 2					MECH 4111/SB/ SG, AD			
THU	Gr 1				BREAK		MECH 4112/SH/ APB, SJ		
	Gr 2						MECH 4112/SNM/ RK, SP		
FRI					BREAK				

Fourth year routine will be effective from 17<sup>th</sup> May, 2021. A minimum of 75% attendance is mandatory for being eligible to sit for the End Semester Examination. Students should target 100% attendance.

**Members**

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**Principal**

**HERITAGE INSTITUTE OF TECHNOLOGY****TIME TABLE****DEPARTMENT: MECHANICAL ENGINEERING****B Tech. 4<sup>th</sup> Year 7<sup>th</sup> Semester    Sec - A****Session: 2020-21**

<b>INITIAL</b>	<b>FULL NAME</b>	<b>DEPARTMENT</b>
SNM	Prof. Sankar Nath Mukhopadhyay	ME
SB	Dr. Sumanta Banerjee	ME
AR	Prof. Avik Ray	ME
SH	Prof. Sudip Kumar Halder	ME
MDC	Prof. (Dr.) Madhumita Das Chanda	HUMANITIES

**Members****HOD****Principal**

**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT: MECHANICAL ENGINEERING**

**B Tech. 4<sup>th</sup> Year 7<sup>th</sup> Semester Sec - A**

**Session: 2020-21**

**COURSE STRUCTURE**  
**4th Year 1<sup>st</sup> Semester Curriculum:**

Theory							
Sl. No.	Code	Paper	Contact Hrs/Week				Credit Points
			L	T	P	Total	
1	<b>MECH 4101</b>	Power Plant Engineering	3	0	0	3	3
2	<b>MECH 4102</b>	Advanced Manufacturing Technology	3	1	0	4	4
3	<b>MECH 4103</b>	Operations Research	3	0	0	3	3
4	<b>MECH 414X</b>	Professional Elective - V	3	0	0	3	3
5	<b>**** 418Y</b>	Free Elective- I	3	0	0	3	3
<b>Total Theory</b>			<b>16</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>16</b>
Laboratory/ Practical							
6	<b>MECH 4111</b>	IC Engine Lab	0	0	3	3	2
7	<b>MECH 4112</b>	Machining & Machine Tools Lab	0	0	3	3	2
<b>Total Practical</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>4</b>

Sessional							
Sl. No	Paper Code	Paper Name	Contact Hrs/Week				Credit Points
			L	T	P	Total	
8	<b>HMTS 4121</b>	Professional Development	0	0	3	3	2
9	<b>MECH 4131</b>	Industrial Training Evaluation					2
10	<b>MECH 4191</b>	Project I	0	0	6	6	4
		<b>Total Sessional</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>	<b>8</b>
<b>Total of Semester</b>			<b>16</b>	<b>0</b>	<b>15</b>	<b>31</b>	<b>28</b>

**List of Prof. Elective- V**

- |  |   |
|--|---|
| 1. <b>MECH 4141:</b> Advanced Welding Technology           | 2. <b>MECH 4142:</b> Computational Methods in Engineering |
| 3. <b>MECH 4143:</b> Quantity Production Method            | 4. <b>MECH 4144:</b> Computational Fluid Dynamics         |
| 5. <b>MECH 4145:</b> Supply Chain Management and Logistics |   |

**List of Free Elective I:**

- |  |   |   |
|--|---|---|
| 1. <b>AEIE 4181:</b> Instrumentation & Telemetry | 2. <b>CHEN 4182:</b> Project Management | 3. <b>CIVL 4181:</b> Building Materials |
|--|---|---|

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

- |   |   |  |
|---|---|--|
| 1. <b>MECH 4181:</b> Quantitative Decision Making | 2. <b>MECH 4182:</b> Quality Control & Management | 3. <b>MECH 4183:</b> Ecology and Environmental Engineering |
|---|---|--|

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**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT: MECHANICAL ENGINEERING**

**B Tech. 4<sup>th</sup> Year 7<sup>th</sup> Semester    Sec - B**

**Session : 2020-21**

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	4:00-4.50 pm	5:00-5:50 P.M
MON	Gr 1				BREAK				
	Gr 2								
TUE	Gr 1				BREAK				
	Gr 2								
WED	Gr 1				BREAK	MECH 4111/BP/ MM, STR			
	Gr 2					MECH 4111/AJB/ SCB, MK			
THU	Gr 1				BREAK		MECH 4112/ SDR/MC, SCD		
	Gr 2						MECH 4112/ SK/AKD, SD		
FRI						HMTS 4121/MDC			

Fourth year routine will be effective from 17<sup>th</sup> May, 2021. A minimum of 75% attendance is mandatory for being eligible to sit for the End Semester Examination. Students should target 100% attendance.

**Members**

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**HERITAGE INSTITUTE OF TECHNOLOGY****TIME TABLE****DEPARTMENT: MECHANICAL ENGINEERING****B Tech. 4<sup>th</sup> Year 7<sup>th</sup> Semester    Sec - B****Session : 2020-21**

<b>INITIAL</b>	<b>FULL NAME</b>	<b>DEPARTMENT</b>
SK	Prof. Subham Kundu	ME
SDR	Prof. Sudipta Roy	ME
AJB	Dr. Arup Jyoti Bhowal	ME
BP	Prof. Bankim Pattanayak	ME
MDC	Prof. (Dr.) Madhumita Das Chanda	HUMANITIES

**Members****HOD****Principal**

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### DEPARTMENT: MECHANICAL ENGINEERING

B Tech. 4<sup>th</sup> Year 7<sup>th</sup> Semester Sec - B

Session : 2020-21

### COURSE STRUCTURE

#### 4th Year 1<sup>st</sup> Semester Curriculum:

Theory							
Sl. No.	Code	Paper	Contact Hrs/Week				Credit Points
			L	T	P	Total	
1	MECH 4101	Power Plant Engineering	3	0	0	3	3
2	MECH 4102	Advanced Manufacturing Technology	3	1	0	4	4
3	MECH 4103	Operations Research	3	0	0	3	3
4	MECH 414X	Professional Elective - V	3	0	0	3	3
5	**** 418Y	Free Elective- I	3	0	0	3	3
Total Theory			16	0	0	16	16
Laboratory/ Practical							
6	MECH 4111	IC Engine Lab	0	0	3	3	2
7	MECH 4112	Machining & Machine Tools Lab	0	0	3	3	2
Total Practical			0	0	6	6	4

Sessional							
Sl. No	Paper Code	Paper Name	Contact Hrs/Week				Credit Points
			L	T	P	Total	
8	HMTS 4121	Professional Development	0	0	3	3	2
9	MECH 4131	Industrial Training Evaluation					2
10	MECH 4191	Project I	0	0	6	6	4
		Total Sessional	0	0	9	9	8
Total of Semester			16	0	15	31	28

#### List of Prof. Elective- V

1. MECH 4141: Advanced Welding Technology
2. MECH 4142: Computational Methods in Engineering
3. MECH 4143: Quantity Production Method
4. MECH 4144: Computational Fluid Dynamics
5. MECH 4145: Supply Chain Management and Logistics

#### List of Free Elective I:

1. AEIE 4181: Instrumentation & Telemetry
2. CHEN 4182: Project Management
3. CIVL 4181: Building Materials

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

1. MECH 4181: Quantitative Decision Making
2. MECH 4182: Quality Control & Management
3. MECH 4183: Ecology and Environmental Engineering

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