

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

**B. Tech 3rd Year 2nd Semester**

**SESSION: 2020-2021**

Day	10-10:50	11-11:50	12-12:50	1-2 BREAK	2-2:50	3-3:50	4- 4:50
Mon	CSEN3206 SSG/ICT005	AEIE3231 SAM/ICT005	AEIE3201 DC/ICT005		AEIE3293 AMS,SMC/ICT005	CHEN3221/SB/ICTB12 ECEN3222/DR/ ICTB03 INFO3221/HD/ CB212 MATH3222/DC/ICT205	
Tue	HMTS 3201/ID/ICT005	AEIE3231 SAM/ICT005	AEIE3232 AMS/ICT005		AEIE3293 DMG,SMC/ICT005	INCO3016/ICT005	
Wed	AEIE3232 AMS/ICT005	CSEN3206 SSG/ICT005	AEIE3201 DC/ICT005		AEIE3293 DMG,SMC/ICT005	CHEN3221/SWV/ICTB08 ECEN3222/DR/ICTB02 INFO3221/ HD/CB212 MATH3222/DC/ICT205	
Thurs	CSEN3206 SSG/ICT005	AEIE3231 DMG/ICT005	AEIE3232 AMS/ICT005		AEIE3293 DMG,SMC/ICT005	INCO 3016/ICT005	
Fri	AEIE3201 DC/ICT005	HMTS 3201/ID/ICT005	HMTS 3201/SS/ICT005		CSEN3206 SSG/ICT005	CHEN3221/SWV/ICT201B ECEN3222/DR/ICTB02 INFO3221/HD/ ICT212 MATH3222/IB/ICT205	

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 3rd Year 6th Semester**

**SESSION: 2020-2021**

<b>INITIALS</b>	<b>FULLNAME</b>	<b>DEPARTMENT</b>
<i>SAM</i>	Prof. Samiul Alam	<b>Applied Electronics and Instrumentation Engineering</b>
<i>AKB</i>	Prof. (Dr.) Anil Kumar Bag	
<i>AMS</i>	Prof. Arindam Sarkar	
<i>SMC</i>	Prof. Samik Chakraborty	
<i>RSG</i>	Prof. Reshma Sengupta	
<i>DMG</i>	Prof. Damayanti Ghosh	
<i>SSG</i>	Prof. Somenath Sengupta	<b>Computer Science and Engineering</b>
<i>HD</i>	Prof. Hemanta De	<b>Information Technology</b>
<i>DR</i>	Prof. Debamita Roy	<b>Electronics &amp; Communication Engineering</b>
<i>SB</i>	Prof. (Dr.) Sangita Bhattacharjee	<b>Chemical Engineering</b>
<i>SWV</i>	Prof. (Dr.) Swami Vedajnananda	
<i>DC</i>	Prof. (Dr.) Dipankar Chakraborty	<b>Mathematics</b>
<i>JB</i>	Prof. (Dr.) Jhumpa Bhadra	
<i>ID</i>	Prof. (Dr.) Indrani De	<b>Humanities</b>
<i>SS</i>	Prof. (Dr.) Saibal Sen	

Member

HOD

Principal

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

**B. Tech 3rd Year 6th Semester**

**SESSION: 2020-2021**

3 <sup>rd</sup> Year 2 <sup>nd</sup> Semester Course Structure								
Theory								
Sl. No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Engineering Science Courses	CSEN3206	Basics of RDBMS	3	1	0	4	4
2	Humanities & Social Sciences including Management courses	HMTS3201	Economics for Engineers	3	0	0	3	3
3	Core Subject Courses	AEIE3201	Introduction to Internet of Things	3	0	0	3	3
4	Program Elective Courses - II	AEIE3231/ AEIE3232/ AEIE3233	Embedded Systems/ Opto Electronics and Fibre Optics/ Mobile Communication	3	0	0	3	3
5	Emerging Area/ Open Elective Courses - I		OE-01	3	0	0	3	3
6	Mandatory Courses	INCO3016	Indian Constitution and Civil Society	2	0	0	2	-
<b>Total Theory</b>				<b>18</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>16</b>
Laboratory								
Sl. No	Category	Code	Course Title	Contact hrs/wk				Credit Points
				L	T	P	Total	
1	Engineering Science Courses	CSEN3256	Basics of RDBMS Lab	0	0	3	3	1.5
2	Core Subject Courses	AEIE3251	Internet of Things Lab	0	0	2	2	1
3	Core Subject Courses	AEIE3295	Mini Project/Electronic Design Workshop	0	0	4	4	2
4	Seminar	AEIE3293	Term Paper and Seminar	0	0	4	4	2
<b>Total Laboratory</b>				<b>0</b>	<b>0</b>	<b>13</b>	<b>13</b>	<b>6.5</b>
<b>Total of Semester</b>				<b>18</b>	<b>0</b>	<b>13</b>	<b>31</b>	<b>22.5</b>

**OPEN ELECTIVES BASKET I FOR AEIE B. TECH STUDENTS:**

Open Electives	Semester	Paper Code	Paper Name
Open Electives I	VI	AEIE3223	Industrial Automation
		AEIE3224	Electronic Instrumentation
		ECEN3222	Designing with Processors and Controllers
		ECEN3223	Analog and Digital Communication
		INFO3221	Introduction to E-Commerce
		CHEN3221	Water and Liquid Waste Management
		CHEN3222	Industrial Safety and Hazards
		MATH3221	Computational Mathematics
		MATH3222	Advanced Probability and Information Theory
		MATH3223	Scientific Computing

Member

HOD

Principal

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

**B. Tech 3<sup>rd</sup> Year 2nd Semester Sec -B (B1: 1857087 - 1857129; B2: 1857130 - 1857160)**

**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	MECH 3211/ AJB /CME 110	MECH 3231/ABS /CME 110	HMTS 3201/BB /CME 110	LUNCH BREAK	Interaction	MECH 3236/AKR /CME 110	Remedial/ Additional Classes	
		MECH 3232/VKS /CME 617				MECH 3237/DB /CME 114		
		MECH 3233/AM /CME 114				MECH 3238/SKS /CME 012		
TUE	MECH 3201/ ABS /CME 110	MECH 3211/AR /CME 110	HMTS 3201/BB/CME 110	LUNCH BREAK	MECH 3236/AKR /CME 110	MECH 3221/SKS /CME 012	Remedial/ Additional Classes	
					MECH 3237/PG /CME 012	MECH 3222/SK /CME 114		
					MECH 3238/SS /CME 114	MECH 3223/SNM /CME 105		
					MECH 3239/JS /CME 105	MECH 3224/SDR /CME 110		
WED	MECH 3221/ SKS /CME 012	MECH 3231/ABS /CME 110	LUNCH BREAK	MECH 3293 (B1)/ SNM /CME 105				
	MECH 3222/SBH /CME 617			MECH 3232/RD /CME 617	MECH 3293 (B2)/ SK /CME 110			
	MECH 3223/SNM /CME 114							
	MECH 3224/AKR /CME 110							MECH 3233/AM /CME 105
THU	HMTS 3201/BB /CME 110	MECH 3236/BP /CME 105	MECH 3201/ ABS /CME 110	LUNCH BREAK	Remedial	Mentoring	Remedial/ Additional Classes	
		MECH 3237/PG /CME 012						
		MECH 3238/SS/ CME 114						
		MECH 3239/SSP /CME 617						
FRI	Remedial	MECH 3231/ABS /CME 110	MECH 3211/ AJB /CME 110	LUNCH BREAK	MECH 3201/ RB /CME 110	MECH 3221/SKS /CME 012	Remedial/ Additional Classes	
		MECH 3232/RD /CME 617				MECH 3222/SBH /CME 114		
		MECH 3233/RS /CME 012				MECH 3223/JS /CME 105		
						MECH 3224/AKR /CME 110		

**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**

**Member**

**HOD**

**Principal**

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

DEPARTMENT: MECHANICAL ENGINEERING

B. Tech 3<sup>rd</sup> Year 2nd Semester Sec -B

SESSION: 2020-2021

INITIALS	FULL NAME	DEPARTMENT
SS	Prof. (Dr.) Sukanta Sarkar	ME
AJB	Prof.(Dr.) Arup Jyoti Bhowal	ME
JS	Prof.(Dr.) Jyotirmoy Saha	ME
AKR	Prof.(Dr.) Amal Kumar Ray	ME
SNM	Prof. Sankar Nath Mukhopadhyay	ME
ABS	Prof. Amalendu Biswas	ME
BP	Prof. Bankim Pattanayak	ME
AR	Prof. Avik Ray	ME
RS	Prof.(Dr.) Rajarshi Sengupta	ME
RB	Prof. Ranojit Banerjee	ME
VKS	Prof. Vishnu Kumar Singh	ME
AM	Prof.(Dr.) Arindam Mandal	ME
SK	Prof. Subham Kundu	ME
AC	Prof. Abhishek Chandra	ME
SSP	Prof.(Dr.) Suswagato Poria	ME
PG	Prof. Pritam Ghosh	ME
DB	Prof. Debiprasad Banerjee	ME
SDR	Prof. Sudipta Roy	ME
SBH	Prof. Sovan Bhowmick	ME
RD	Prof. Rajat Dutta	ME
SKS	Prof. Sukanta Saha	ME
BB	Prof. Bedabrata Bhaduri	HUM

Member

HOD

Principal

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

B. Tech 3<sup>rd</sup> Year 2nd Semester Sec -B

SESSION: 2020-2021

**COURSE STRUCTURE: 3<sup>rd</sup> Year 2<sup>nd</sup> Semester**

<b>Theory</b>								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Humanities	HMTS 3201	Economics for Engineers	3	0	0	3	3
2	Professional Core Courses	MECH 3201	Machine Design- II	3	0	0	3	3
3	Professional Elective Courses	MECH 3231-3233	Professional Elective - II	3	0	0	3	3
4	Professional Elective Courses	MECH 3236-3239	Professional Elective - III	3	0	0	3	3
5	Open Elective Courses		Open Elective-I	3	0	0	3	3
<b>Total Theory</b>				<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>15</b>
<b>Laboratory/ Practical</b>								
1	Professional Core Courses	MECH 3256	Machining & Machine Tools Lab	0	0	3	3	2
2	Professional Elective Courses	MECH 3281-3283	Professional Elective –II Lab	0	0	2	2	1
3	Seminar	MECH 3293	Seminar & Term Thesis	0	0	4	4	2
<b>Total Practical</b>				<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>	<b>4.5</b>
<b>Total of Semester</b>				<b>15</b>	<b>0</b>	<b>9</b>	<b>24</b>	<b>19.5</b>
<b>Honours Course</b>								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Core Courses	MECH 3211	IC Engine	3	0	0	3	3
2	Professional Core Courses	MECH 3261	IC Engine Lab	0	0	2	2	1
<b>Total Semester with Honours</b>				<b>18</b>	<b>0</b>	<b>11</b>	<b>29</b>	<b>23.5</b>

Member

HOD

Principal

<b>List of Professional Elective – II</b>			<b>List of Professional Elective Lab – II</b>		
<b>Sl.No.</b>	<b>Paper Code</b>	<b>Paper Name</b>	<b>Sl.No.</b>	<b>Paper Code</b>	<b>Paper Name</b>
<b>1</b>	MECH 3231	Finite Element Method	<b>1</b>	MECH 3281	Finite Element Method Lab
<b>2</b>	MECH 3232	Mechatronics & Control systems	<b>2</b>	MECH 3282	Mechatronics & Control systems Lab
<b>3</b>	MECH 3233	Advanced Fluid Mechanics	<b>3</b>	MECH 3283	Advanced Fluid Mechanics Lab

<b>List of Professional Elective – III</b>		
<b>Sl.No.</b>	<b>Paper Code</b>	<b>Paper Name</b>
<b>1</b>	MECH 3236	Total Quality Management (TQM)
<b>2</b>	MECH 3237	Turbo Machinery
<b>3</b>	MECH 3238	Aerodynamics
<b>4</b>	MECH 3239	Tool Engineering

**List of Open Elective I (Emerging Field)**

MECH 3221: Computational Fluid Dynamics  
 MECH 3222: Advanced Welding Technology  
 MECH 3223: New Product Development  
 MECH 3224: Industrial Engineering

**Member**

**HOD**

**Principal**

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

**B. Tech 3<sup>rd</sup> Year 2nd Semester Sec -A ( A1: 1857001 - 1857040; A2: 1857041 -1857081)**

**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	MECH 3201/ RM /CME 114	MECH 3231/ABS /CME 110	MECH 3211/AR /CME 114	LUNCH BREAK	HMTS 3201/BB /CME 114	MECH 3236/AKR /CME 110	Remedial/ Additional Classes
		MECH 3232/VKS /CME 617				MECH 3237/DB /CME 114	
		MECH 3233/AM /CME 114				MECH 3238/SKS /CME 012	
	MECH 3239/JS /CME 105						
TUE	MECH 3201/ SSP /CME 114	HMTS 3201/BB /CME 114	Remedial		MECH 3236/AKR /CME 110	MECH 3221/SKS /CME 012	Remedial/ Additional Classes
					MECH 3237/PG /CME 012	MECH 3222/SK /CME 114	
					MECH 3238/SS /CME 114	MECH 3223/SNM /CME 105	
					MECH 3239/JS /CME 105	MECH 3224/SDR /CME 110	
WED	MECH 3221/ SKS /CME 012	MECH 3231/ABS /CME 110	HMTS 3201/BB /CME 114	Mentoring	Remedial	Remedial/ Additional Classes	
	MECH 3222/SBH /CME 617						
	MECH 3223/SNM /CME 114						
	MECH 3224/AKR /CME 110						
THU	MECH 3211/SB /CME 114	MECH 3236/BP /CME 105	LUNCH BREAK	MECH 3293 (A1) / SKS / CME 012			
		MECH 3237/PG /CME 012		MECH 3293 (A2) / AJB / CME 114			
		MECH 3238/SS/ CME 114					
		MECH 3239/SSP /CME 617					
FRI	Interaction	MECH 3231/ABS /CME 110	MECH 3201/ RM /CME 114	LUNCH BREAK	MECH 3211/SB /CME 114	MECH 3221/SKS /CME 012	Remedial/ Additional Classes
		MECH 3232/RD /CME 617				MECH 3222/SBH /CME 114	
		MECH 3233/RS /CME 012				MECH 3223/JS /CME 105	
						MECH 3224/AKR /CME 110	

**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**

**Member**

**HOD**

**Principal**



# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

DEPARTMENT: MECHANICAL ENGINEERING

B. Tech 3<sup>rd</sup> Year 2nd Semester Sec -A

SESSION: 2020-2021

INITIALS	FULL NAME	DEPARTMENT
SS	Prof. (Dr.) Sukanta Sarkar	ME
JS	Prof. (Dr.) Jyotirmoy Saha	ME
AKR	Prof. (Dr.) Amal Kumar Ray	ME
SNM	Prof. Sankar Nath Mukhopadhyay	ME
ABS	Prof. Amalendu Biswas	ME
BP	Prof. Bankim Pattanayak	ME
AR	Prof. Avik Ray	ME
RS	Prof.(Dr.) Rajarshi Sengupta	ME
SB	Prof.(Dr.) Sumanta Banerjee	ME
VKS	Prof. Vishnu Kumar Singh	ME
AM	Prof.(Dr.) Arindam Mandal	ME
SK	Prof. Subham Kundu	ME
AC	Prof. Abhishek Chandra	ME
SSP	Prof.(Dr.) Suswagato Poria	ME
PG	Prof. Pritam Ghosh	ME
RM	Prof. Ritwik Mandal	ME
DB	Prof. Debiprasad Banerjee	ME
SDR	Prof. Sudipta Roy	ME
SBH	Prof. Sovan Bhowmick	ME
RD	Prof. Rajat Dutta	ME
SKS	Prof. Sukanta Saha	ME
BB	Prof. Bedabrata Bhaduri	HUM

Member

HOD

Principal

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

B. Tech 3<sup>rd</sup> Year 2nd Semester Sec -A

SESSION: 2020-2021

**COURSE STRUCTURE: 3<sup>rd</sup> Year 2<sup>nd</sup> Semester**

<b>Theory</b>								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Humanities	HMTS 3201	Economics for Engineers	3	0	0	3	3
2	Professional Core Courses	MECH 3201	Machine Design- II	3	0	0	3	3
3	Professional Elective Courses	MECH 3231-3233	Professional Elective - II	3	0	0	3	3
4	Professional Elective Courses	MECH 3236-3239	Professional Elective - III	3	0	0	3	3
5	Open Elective Courses		Open Elective-I	3	0	0	3	3
<b>Total Theory</b>				<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>15</b>
<b>Laboratory/ Practical</b>								
1	Professional Core Courses	MECH 3256	Machining & Machine Tools Lab	0	0	3	3	2
2	Professional Elective Courses	MECH 3281-3283	Professional Elective –II Lab	0	0	2	2	1
3	Seminar	MECH 3293	Seminar & Term Thesis	0	0	4	4	2
<b>Total Practical</b>				<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>	<b>4.5</b>
<b>Total of Semester</b>				<b>15</b>	<b>0</b>	<b>9</b>	<b>24</b>	<b>19.5</b>
<b>Honours Course</b>								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Core Courses	MECH 3211	IC Engine	3	0	0	3	3
2	Professional Core Courses	MECH 3261	IC Engine Lab	0	0	2	2	1
<b>Total Semester with Honours</b>				<b>18</b>	<b>0</b>	<b>11</b>	<b>29</b>	<b>23.5</b>

Member

HOD

Principal

List of Professional Elective – II			List of Professional Elective Lab – II		
Sl.No.	Paper Code	Paper Name	Sl.No.	Paper Code	Paper Name
1	MECH 3231	Finite Element Method	1	MECH 3281	Finite Element Method Lab
2	MECH 3232	Mechatronics & Control systems	2	MECH 3282	Mechatronics & Control systems Lab
3	MECH 3233	Advanced Fluid Mechanics	3	MECH 3283	Advanced Fluid Mechanics Lab

List of Professional Elective – III		
Sl.No.	Paper Code	Paper Name
1	MECH 3236	Total Quality Management (TQM)
2	MECH 3237	Turbo Machinery
3	MECH 3238	Aerodynamics
4	MECH 3239	Tool Engineering

**List of Open Elective I (Emerging Field)**

MECH 3221: Computational Fluid Dynamics  
MECH 3222: Advanced Welding Technology  
MECH 3223: New Product Development  
MECH 3224: Industrial Engineering

**Member**

**HOD**

**Principal**

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### INFORMATION TECHNOLOGY

**B.Tech 3<sup>rd</sup> Year 2<sup>nd</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	INFO3202 RPS ICTB04		INFO3211 JDH ICTB04	LUNCH  BREAK	INFO3232 SPB ICTB04	MATH3222 DC ICT205	HMTS 3201 BB ICTB04
						ELEC3221 ED ICTB04	
						ECEN3222 DR ICTB03	
TUE	INFO3233 DPM ICTB04	INFO3232 SPB ICTB04	INFO3293 RJB, SR ICTB04				
WED	INFO3201 JDH ICTB04		Mentoring		HMTS 3201 BB ICTB04	MATH3222 DC ICT205	Remedial/ Additional Classes
				ELEC3221 NC ICTB04			
				ECEN3222 DR ICTB02			
THU	INFO3211 JDH ICTB04		INFO3232 SPB ICTB04	INFO3293 UKD, SPB ICTB04			
FRI	HMTS 3201 SS ICTB04	INFO3233 SR ICTB04	INFO3201 JDH ICTB04	INFO3202 RPS ICTB04	MATH3222 JB ICT205	Remedial/ Additional Classes	
					ELEC3221 SS ICTB04		
					ECEN3222 DR ICTB02		

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

## INFORMATION TECHNOLOGY

B.Tech 3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2020-2021

INITIALS	FULLNAME	DEPARTMENT
SR	Prof. (Dr.) Siuli Roy	Information Technology
SPB	Prof. Sudipta Bhadra	Information Technology
JDH	Prof. Joydev Hazra	Information Technology
UKD	Prof. Uttam Kumar Dash	Information Technology
DPM	Prof. DeepMalya Mukhopadhyaya	Information Technology
RPS	Prof. Rituparna Sinha	Information Technology
RJB	Prof. (Dr.) Raib Biswas	Information Technology
DC	Prof. (Dr.) Dipankar Chakraborty	Mathematics
JB	Prof. (Dr.) Jhumpa Bhadra	Mathematics
ED	Prof. Emily Datta	Electrical Engineering
NC	Prof. Nabanita Chatterjee	Electrical Engineering
SS	Prof. Sarmistha Sinha	Electrical Engineering
DR	Prof. Debamita Roy	Electronics and Communication Engineering
BB	Prof. Bedabrata Bhaduri	Humanities
SS	Prof. Saibal Sen	Humanities

Member

HOD

Principal

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### INFORMATION TECHNOLOGY

**B.Tech 3<sup>rd</sup> Year 2<sup>nd</sup> Semester**

**SESSION: 2020-2021**

**COURSE STRUCTURE:**

**6<sup>th</sup> Semester Syllabus:**

Theory								
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points	Type of Paper
			L	T	P	Total		
1	HMTS3201	Economics For Engineers	3	0	0	3	3	Humanities & Social Sciences including Management Courses
2	INFO3201	Computer Networks	3	0	0	3	3	Professional Core Courses
	INFO3202	Data Analytics	3	0	0	3	3	Professional Core Courses
3	INFO3231/ INFO3232/ INFO3233	Elective II	3	0	0	3	3	Professional Elective courses
4	MATH3223/ ELEC3221/ ECEN3222	Open Elective I	3	0	0	3	3	Open Elective courses
<b>Total Theory</b>			<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>15</b>	

Laboratory								
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points	Type of Paper
			L	T	P	Total		
1	INFO3251	Computer Networks Lab	0	0	3	3	1.5	Professional Core Courses
2	INFO3252	Data Analytics Lab	0	0	3	3	1.5	Professional Core Courses
<b>Total Laboratory</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>3</b>	

Sessional								
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points	Type of Paper
			L	T	P	Total		
1	INFO3293	Term paper and Seminar	0	0	4	4	2	Seminar
<b>Total Sessional</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>2</b>	
<b>Total of Semester without Honours</b>			<b>15</b>	<b>0</b>	<b>10</b>	<b>25</b>	<b>20</b>	
1	INFO3211	Digital Image Processing	3	0	0	3	3	Honors' Course
2	INFO3261	Digital Image Processing Lab	0	0	2	2	1	
<b>Total of Semester with Honours</b>			<b>18</b>	<b>0</b>	<b>12</b>	<b>30</b>	<b>24</b>	

<b>Elective II(6th Sem)</b> 1. INFO3231 – Multimedia Technology & Applications 2. INFO3232 – E-Commerce & ERP 3. INFO3233 – Cryptography & Network Security	<b>Open Elective I(6th Sem)</b> 1. MATH3223 – Scientific Computing 2. ELEC3221 – Fundamentals of Circuit Theory 3. ECEN3222 – Designing with Processors and Controllers
--	--

\*\* Open Elective I offered by IT Department is: Introduction to E-Commerce(INFO3221)

Member

HOD

Principal

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### ELECTRICAL ENGINEERING

**B. Tech 3<sup>rd</sup> Year 2<sup>nd</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	L/HMITS3201 ID CME507	L/ELEC3202 SS CME507	ELEC3211/ RB CME507	LUNCH BREAK	ELEC3293/ TERM PAPER & SEMINAR	L/CSEN3221/ /SSB/ICT-602 L/ECEN3223/ SND/CME507	Remedial/ Additional Classes
TUE	L/ELEC3201 BR CME507	L/ELEC3202 SBS CME507	ELEC3241/ JS CME507		L/HMITS3201 BB CME507	MENTORING	Remedial/ Additional Classes
WED	L/ELEC3202 SBS CME507	L/ELEC3201 SM CME507	ELEC3211/ GDR CME507		ELEC3293/ TERM PAPER & SEMINAR	L/CSEN3221/ /SSB/ICT-602 L/ECEN3223/ SND/CME507	Remedial/ Additional Classes
THU	ELEC3241/ JS CME507	ELEC3211/ AK CME507	L/ELEC3201 SM CME507		S/ELEC3260/ AK/ CME507		ELEC3293/ TERM PAPER & SEMINAR
FRI	L/HMITS3201 GDG CME507	L/ELEC3201 BR CME507	ELEC3241/ JS CME507		ELEC3293/ TERM PAPER & SEMINAR	L/CSEN3221/ /SSB/ICT-602	Remedial/ Additional Classes
						L/ECEN3223/ SND/CME507	

**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**

**Member**

**HOD**

**Principal**



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

**B. Tech 3<sup>rd</sup> Year 2<sup>nd</sup> Semester**

**SESSION: 2020-2021**

<b>INITIALS</b>	<b>FULLNAME</b>	<b>DEPARTMENT</b>
GDR	PROF. DR. G.D. ROY	EE
SM	MR. SUDIPTA MITRA	EE
SS	MS. SARMISTHA SINHA	EE
JS	MS. JAYITA SARKAR	EE
BR	MS. BIDISHA ROY	EE
RB	MR. REETWIK BHADRA	EE
AK	MR. ANIRBAN KOLAY	EE
SBS	MR. SUVOBRATA SIL	EE
SND	MS. SAYANTANI DUTTA	ECE
SSB	MR. SUSOBHAN BAIDYA	CSE
ID	PROF. INDRANI DEY	HUMANITIES
BB	PROF. BEDABRATA BHADURI	HUMANITIES
GDG	PROF. GAUTAM DASGUPTA	HUMANITIES

**Member**

**HOD**

**Principal**

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

## ELECTRICAL ENGINEERING

B. Tech 3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2020-2021

### Theory:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	ELEC3201	Power System-II	3	1	0	4	4
2.	ELEC3202	Microprocessor & Microcontroller	3	0	0	3	3
3.	HMTS3201	Economics for Engineers	3	0	0	3	3
4.	Professional Elective-II		3	0	0	3	3
5.	Open Elective-I		3	0	0	3	3
<b>Total Theory</b>			<b>15</b>	<b>1</b>	<b>0</b>	<b>16</b>	<b>16</b>

### Practical/Sessional:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	ELEC3251	Power System-II Lab	0	0	2	2	1
2.	ELEC3252	Microprocessor & Microcontroller Lab	0	0	2	2	1
3.	ELEC3260	Electrical Machine Design	0	0	2	2	1
4.	ELEC3293	Term Paper and Seminar	0	0	4	4	2
<b>Total Laboratory/Sessional</b>			<b>0</b>	<b>0</b>	<b>10</b>	<b>10</b>	<b>5</b>
<b>TOTAL OF SEMESTER WITHOUT HONOURS COURSE</b>						<b>26</b>	<b>21</b>

Member

HOD

Principal

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

## ELECTRICAL ENGINEERING

B. Tech 3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2020-2021

### Honours:

Sl. No.	Code	Paper	Contact periods per week			Total Contact Hrs	Credits
			L	T	P		
1.	ELEC3211	Electric Drives	3	0	0	3	3
2.	ELEC3261	Electric Drives Lab.	0	0	2	2	1
Total Honours			3	0	2	5	4
TOTAL OF SEMESTER WITH HONOURS COURSE						31	25

### Professional Elective-II Paper (any one)

- 4(a). ELEC3241      Illumination Engineering  
4(b). ELEC3242      Electrical Machine Dynamics

### Open Electives-I Paper (any one)

- 5(a).CSEN3221      Fundamentals of RDBMS  
5(b).ECEN3222      Designing with Processors and Controllers  
5(c).ECEN3223      Analog and Digital Communication  
5(d).CHEN3221      Materials for Engineering Applications  
5(e).CHEN3222      Industrial Safety and Hazards  
5(f).CIVL3221      Project Planning and Management  
5(g).AEIE3222      Fundamentals of Electronic Measurements

### Open Elective-I Paper to be offered by Dept. of EE

- ELEC3221      Fundamentals of Circuit Theory

Member

HOD

Principal

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

**B. Tech. 3<sup>rd</sup> Year 2<sup>nd</sup> 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	L/HMTS3201 /BB/ICT 601	L/HMTS3201 /BB/ICT 601	L/INCO3016 / ICT601		L/CSEN3208 /SSB/ICT 601	L/ ECEN 3221/PS/ICT 601 L/CSEN 3221/SSB/ICT 602 L/AEIE 3221/AKB/ICT 603 L/MATH/3222/DC/ICT 205/	
TUE	L/ECEN3201 /AMB/ICT 601	L/ECEN3211 /SDG/ICT 601	Remedial//ICT 601		L/ECEN3231/ICT 601/AS L/ECEN3232/ICT602/PRB L/ECEN3234/ICT 603/SSB	S/Seminar/SCH+AR+CR+SDG+SM+MK+PRB +RRP+AS /ICT 601	
WED	L/CSEN3208 /SSB/ICT601	L/ECEN3201 /AMB/ICT 601	L/INCO3016 /ICT 601		L/ECEN3211 /SDG/ICT 601	L/ ECEN 3221/PS/ICT 601 L/CSEN 3221/SSB/ICT 602 L/AEIE 3221/AKB/ICT 603 L/MATH 3222/DC/ICT 205/	
THU	L/ECEN3211/ SDG/ICT 601	L/CSEN3208 / SSB /ICT 601	L/ECEN3231/ICT 601/AS L/ECEN3232/ICT602/PRB L/ECEN3234/ICT 603/SSB		L/HMTS3201 /BB/ICT 601	Remedial//ICT 601	
FRI	L/ECEN3231/ICT 601/AS L/ECEN3232/ICT602/PRB L/ECEN3234/ICT 603/SSB	S/Seminar/SSB+SC+AMD+KM+SND+OB+PS+SB+TD /ICT 601			L/ECEN3201 /AMB/ICT 601	L/ ECEN 3221/PS/ICT 601 L/CSEN 3221/SSB/ICT 602 L/AEIE 3221/AKB/ICT 603 L/MATH 3222/DC/ICT 205/	Remedial//I CT 601 Remedial//I CT 602 Remedial//I CT 603

**To be Effective from 17<sup>th</sup> 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 A**

**B. Tech. 3<sup>rd</sup> Year 2<sup>nd</sup> Semester**

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

**FACULTY NAMES**

<b>Initials</b>	<b>Faculty Names</b>	<b>Department</b>
PRB	Prof. Prabir Banerjee	ECE
AS	Prof. Anindya Sen	ECE
SDG	Prof. Shounak Dasgupta	ECE
SND	Prof. Sayantani Datta	ECE
AMD	Prof. Asima Adak	ECE
SSB	Prof. Shib Sankar Bhowmick	ECE
AR	Prof. Arindam Ray	ECE
SC	Prof. Soumyo Chatterjee	ECE
SM	Prof. Susovan Mandal	ECE
CR	Prof. Chandrima Roy	ECE
SCH	Prof. Sabyasachi Chatterjee	ECE
KM	Prof. Kasturi Mukherjee	ECE
AMB	Prof. Amrita Banerjee	ECE
PS	Prof. Pratima Shaw	ECE
DC	Prof. Dipankar Chakraborty	MATH
JB	Prof. Jhumpa Bhadra	MATH
BB	Prof. Bedabrata Bhaduri	HUMANITIES
SSB	Prof. Susobhan Baidya	CSE
AKB	Prof. Anil Kumar Bag	AEIE

**To be Effective from 17<sup>th</sup> 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 A**

B. Tech. 3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2020-2021 (EVEN)

**Course Structure**

Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Core Courses	<b>ECEN3201</b>	Digital VLSI Design	3	0	0	3	3
2	Engineering Science Course	<b>CSEN3208</b>	Object Oriented Programming Concept by using C++	3	0	0	3	3
3	HU	<b>HMTS3201</b>	Economics for Engineers	3	0	0	3	3
4	Professional Elective-2	<b>ECEN3231</b>	Digital Image Processing & Pattern recognition	3	0	0	3	3
		<b>ECEN3232</b>	IoT for Communication					
		<b>ECEN3233</b>	Power Electronics					
		<b>ECEN 3234</b>	Network Security					
		<b>ECEN 3235</b>	Advanced Digital Communication					
5	Open Elective - 1	<b>ECEN3221</b>	Artificial Intelligence in Radio Communication	3	0	0	3	3
		<b>AEIE3221</b>	Fundamentals Of Sensors And Transducers					
		<b>CSEN3221</b>	Fundamentals of RDBMS					
		<b>MATH3221</b>	Computational Mathematics					
		<b>MATH3222</b>	Advanced Probability and Information Theory					
		<b>MATH3223</b>	Scientific Computing					
<b>Total Theory</b>				<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>15</b>

**Honors Course**

**To be Effective from 17<sup>th</sup> 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 A**

**B. Tech. 3<sup>rd</sup> Year 2<sup>nd</sup> Semester**

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

4	6 <sup>th</sup>	ECEN3211	Wireless and Cellular Communication	3	0	0	3
		ECEN3261	Wireless and Cellular Communication Laboratory	0	0	2	1

**To be Effective from 17<sup>th</sup> 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 B**

**B. Tech. 3<sup>rd</sup> Year 2<sup>nd</sup> 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	L/ECEN3201 /KD/ICT 602	L/HMETS3201 /ID/ICT 602	L/HMETS3201 /ID/ICT 602	LUNCH BREAK	L/CSEN3208/ KP/ICT 602	L/ ECEN 3211/PS/ICT 601 L/CSEN 3221/SSB/ICT 602 L/AEIE 3221/AKB/ICT 603 L/MATH/3222/DC/ICT 205	
TUE	L/HMETS3201 /BB/ICT 602	L/ECEN3211 /SCH/ICT 602	L/ECEN3201 /KD/ICT 602		L/ECEN3231/ICT 601/AS L/ECEN3232/ICT602/PRB L/ECEN3234/ICT 603/SSB		Remedial/ ICT 602
WED	L/ECEN3211 /SCH/ICT 602	S/Seminar/DS+SB+TD+DM+MS+AMD+SDG+ SJC++SND/ICT 602			Remedial/ICT602	L/ ECEN 3211/PS/ICT 601 L/CSEN 3221/SSB/ICT 602 L/AEIE 3221/AKB/ICT 603 L/MATH/3222/DC/ICT 205/	INCO3016 /ICT 602
THU	L/CSEN3208 /ICT 602/KP	L/ECEN3211 /SCH/ICT 602	L/ECEN3231 /AS/ICT 601 L/ECEN3232 /PRB/ICT 602 L/ECEN3234 /SSB/ICT 603		S/Seminar/MK+DR+KD+AS+RRP+SP+SCH+KM+AC+AR /ICT 602		
FRI	L/ECEN3231/AS/ICT 601 L/ECEN3232/PRB/ICT602 ECEN3234 /SSB/ICT 603	L/ECEN3201 /KD/ICT 602	L/INCO3016 /ICT602		L/CSEN3208/KP/ICT 602	L/ ECEN 3211/PS/ICT 601 L/CSEN 3221/SSB/ICT 602 L/AEIE 3221/AKB/ICT 603 L/MATH/3222/DC/ICT 205/	Remedial//IC T 601 Remedial//IC T 602 Remedial//IC T 603

**To be Effective from 17<sup>th</sup> 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 B**

B. Tech. 3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2020-2021(Even)

**FACULTY NAMES**

<b>Initials</b>	<b>Faculty Names</b>	<b>Department</b>
PRB	Prof. Prabir Banerjee	ECE
AS	Prof. Anindya Sen	ECE
KD	Prof. Krishanu Dutta	ECE
RRP	Prof. Rajib Ranjan Pal	ECE
DS	Prof. Debanjali Sadhu	ECE
SB	Prof. Sriparna Bhattacharya	ECE
SSB	Prof. Shib Sankar Bhowmick	ECE
TD	Prof. Tania Das	ECE
DM	Prof. Dulal Mandal	ECE
MK	Prof. Mousiki Kar	ECE
DR	Prof. Debamita Roy	ECE
SCH	Prof. Sabyasachi Chatterjee	ECE
PS	Prof. Pratima Shaw	ECE
DC	Prof. Dipankar Chakraborty	MATH
JB	Prof. Jhumpa Bhadra	MATH
ID	Prof. Indrani Dey	HUMANITIES
BB	Prof. Bedabrata Bhaduri	HUMANITIES
SSB	Prof. Susobhan Baidya	CSE
KP	Prof. Kamal Podder	CSE
AKB	Prof. Anil Kumar Bag	AEIE

**To be Effective from 17<sup>th</sup> 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 B**

B. Tech. 3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2020-2021(Even)

**Course Structure**

A. Theory								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Core Courses	ECEN3201	Digital VLSI Design	3	0	0	3	3
2	Engineering Science Course	CSEN3208	Object Oriented Programming Concept by using C++	3	0	0	3	3
3	HU	HMTS3201	Economics for Engineers	3	0	0	3	3
4	Professional Elective-2	ECEN3231	Digital Image Processing & Pattern recognition	3	0	0	3	3
		ECEN3232	IoT for Communication					
		ECEN3233	Power Electronics					
		ECEN 3234	Network Security					
		ECEN 3235	Advanced Digital Communication					
5	Open Elective - 1	ECEN3221	Artificial Intelligence in Radio Communication	3	0	0	3	3
		AEIE3221	Fundamentals Of Sensors And Transducers					
		CSEN3221	Fundamentals of RDBMS					
		MATH3221	Computational Mathematics					
		MATH3222	Advanced Probability and Information Theory					
	MATH3223	Scientific Computing						
<b>Total Theory</b>				<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>15</b>

**Honors Course**

4	6 <sup>th</sup>	ECEN3211	Wireless and Cellular Communication	3	0	0	3
		ECEN3261	Wireless and Cellular Communication Laboratory	0	0	2	1

**To be Effective from 17<sup>th</sup> 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 C**

**B. Tech. 3<sup>rd</sup> Year 2<sup>nd</sup> 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	L/CSEN3208 /TC/ICT 603	L/HMETS3201 /GDG/ICT 603	L/ECEN3211 /DS/ICT 603	LUNCH BREAK		L/ ECEN 3211/PS/ICT 601 L/CSEN 3221/SSB/ICT 602 L/AEIE 3221/AKD/ICT 603 L/MATH/3222/DC/ICT 205	L/INCO3016/I CT 603
TUE	L/ECEN3201 /DR/ICT 603	S/Seminar/PS+AC+TC+OB+PRB+DR+PAG+ CR+AMB+SM/ICT 603			L/ECEN3231/AS/IC T 601	S/Seminar/AMB+PAG+SP+SJC+MS+DS+SSB+ KD+DM+SC/ICT 603	
WED	L/ECEN3211 /DS/ICT 603	L/ECEN3201 /DR/ICT 603	L/HMETS3201 /ID/ICT 603		L/ECEN3232/PRB /ICT 602	L/ ECEN 3211/PS/ICT 601 L/CSEN 3221/SSB/ICT 602 L/AEIE 3221/AKD/ICT 603 L/MATH/3222/DC/ICT 205	
THU	L/HMETS3201 /ID/ICT 603	L/CSEN3208/TC/I CT 603	L/ECEN3231/ ICT 601/AS		L/ECEN3234/SSB/IC T 603		
FRI	L/ECEN3232/PRB/ICT 602	L/ECEN3211 /DS/ICT 603	L/ECEN3201 /DR/ICT 603		L/ECEN3234/ ICT 603/SSB	Remedial//ICT 603	Remedial//ICT 603
	L/ECEN3231/AS/ICT 601					Remedial//ICT 603	Remedial//ICT 603
	L/ECEN3234/SSB/ICT 603					L/ ECEN 3211/PS/ICT 601 L/CSEN 3221/SSB/ICT 602 L/AEIE 3221/AKD/ICT 603 L/MATH/3222/DC/ICT 205	Remedial//ICT 603 <b>Remedial//ICT 603</b> Remedial//ICT 603

**To be Effective from 17<sup>th</sup> 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 C

B. Tech. 3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2020-2021 (EVEN)

**FACULTY NAMES**

<b>Initials</b>	<b>Faculty Names</b>	<b>Department</b>
PRB	Prof. Prabir Banerjee	ECE
AS	Prof. Anindya Sen	ECE
SSB	Prof. Shib Sankar Bhowmick	ECE
DS	Prof. Debanjali Sadhu	ECE
DR	Prof. Debamita Roy	ECE
OB	Prof. Orijit Biswas	ECE
PS	Prof. Pratima Shaw	ECE
AMB	Prof. Amrita Banerjee	ECE
PAG	Prof. Prativa Agarwalla	ECE
SP	Prof. Srabanti Pandit	ECE
SJC	Prof. Subhrajit Chakraborty	ECE
MS	Md. Sahnawaz	ECE
TC	Prof. Tapas Chakrabarti	CSE
DC	Prof. Dipankar Chakraborty	MATH
JB	Prof. Jhumpa Bhadra	MATH
ID	Prof. Indrani Dey	HUMANITIES
ID	Prof. Gautam Dasgupta	HUMANITIES
AKB	Prof. Anil Kumar Bag	AEIE

**To be Effective from 17<sup>th</sup> 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 C**

B. Tech. 3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2020-2021 (EVEN)

**Course Structure**

<b>A. Theory</b>								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Core Courses	<b>ECEN3201</b>	Digital VLSI Design	3	0	0	3	3
2	Engineering Science Course	<b>CSEN3208</b>	Object Oriented Programming Concept by using C++	3	0	0	3	3
3	HU	<b>HMTS3201</b>	Economics for Engineers	3	0	0	3	3
4	Professional Elective-2	<b>ECEN3231</b>	Digital Image Processing & Pattern recognition	3	0	0	3	3
		<b>ECEN3232</b>	IoT for Communication					
		<b>ECEN3233</b>	Power Electronics					
		<b>ECEN 3234</b>	Network Security					
		<b>ECEN 3235</b>	Advanced Digital Communication					
5	Open Elective - 1	<b>ECEN3221</b>	Artificial Intelligence in Radio Communication	3	0	0	3	3
		<b>AEIE3221</b>	Fundamentals Of Sensors And Transducers					
		<b>CSEN3221</b>	Fundamentals of RDBMS					
		<b>MATH3221</b>	Computational Mathematics					
		<b>MATH3222</b>	Advanced Probability and Information Theory					
		<b>MATH3223</b>	Scientific Computing					
<b>Total Theory</b>				<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>15</b>

**Honors Course**

4	6 <sup>th</sup>	<b>ECEN3211</b>	Wireless and Cellular Communication	3	0	0	3
		<b>ECEN3261</b>	Wireless and Cellular Communication Laboratory	0	0	2	1

**To be Effective from 17<sup>th</sup> 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**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**B.Tech 3rd Year 6th 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	L/CSEN3201/ /ICT201B/ACA		L/CSEN3232/ICTB11/KP L/CSEN3233/ICTB12/SPS L/CSEN3235/ICT201B/ADB	B		MATH3221(SEC A+ SEC B GR1) /ICT201B/DC CHEN3221 / ICTB12/SB AEIE3221/AKB/ICT603 ECEN3221/ICT601/PS ECEN3222/ICTB03/DR ECEN3223/CME507/SND	REMEDIAL
	Gr-2							
TUE	Gr-1		REMEDIAL	L/INCO3016/ICT201B	R		CSEN3293 SEMINAR/ICT201B/ DBS + MBK	
	Gr-2							
WED	Gr-1	L/CSEN3202/ CB615A/RRC		L/CSEN3232/ICTB11/KP L/CSEN3233/ICTB12/SPS L/CSEN3235/ICT201B/ADB	E	REMEDIAL	MATH3221(SEC A+ SEC B GR1) /ICT201B/DC CHEN3221 / ICT201A/SWV AEIE3221/AKB/B02 ECEN3221/ICT601/PS ECEN3222/ICTB02/DR ECEN3223/CME507/SND	
	Gr-2							
THU	Gr-1		L/CSEN3202/ /CB615A/RRC		A	L/INCO3016/ICT201B	L/HMTS3201/ /ICT201B/ID	L/HMTS3201/ /ICT201B/BB
	Gr-2							
FRI	Gr-1	L/CSEN3201/ /ICT201B/ACA		L/CSEN3202/ /CB615A/RRC	K	L/HMTS3201/ /ICT201A/GDG	MATH3221(SEC A+ SEC B GR1) /IB/ ICT201B CHEN3221 / ICT201A/SWV AEIE3221/AKB/ ICT603 ECEN3221/ ICT601/PS ECEN3222/ ICTB02/DR ECEN3223/ CME507/SND	
	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	
<b>A. THEORY</b>							
1	CSEN3201	Software Engineering	4	0	0	4	4
2	CSEN3202	Computer Networks	4	0	0	4	4
3	HMTS3201	Economics for Engineers	3	0	0	3	3
4	CSEN3231-CSEN3240	Professional Elective-II	3	0	0	3	3
	CSEN3231 CSEN3232 CSEN3233 CSEN3234 CSEN3235 CSEN3236	Advanced Operating System Enterprise Application in Java EE Machine Learning Computational Geometry Cloud Computing Big Data					
5		Open Elective-I	3	0	0	2	3

	AEIE3221 ECEN3222 ECEN3223 MATH3221 MATH3223	Fundamentals of Sensors and Transducers Designing with Processors and Controllers Analog and Digital Communication Computational Mathematics Scientific Computing					
6	INCO3016	Indian Constitution and Civil Society(Mandatory)	2	0	0	2	0
<b>Total Theory</b>			<b>19</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>17</b>
<b>B. PRACTICAL</b>							
1	CSEN3251	Software Engineering Lab	0	0	3	3	1.5
2	CSEN3252	Computer Networks Lab	0	0	3	3	15
<b>Total Practical</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>3</b>
<b>C. SESSIONAL</b>							
1	CSEN3293	Term Paper and Seminar	0	0	4	4	2
<b>Total Sessional</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>2</b>
<b>Total of Semester</b>			<b>19</b>	<b>0</b>	<b>10</b>	<b>29</b>	<b>22</b>

<b>Details of Faculty Members</b>		
Initials	Name	Department
KP	Prof. Kamal Podder	CSE
SPS	Prof. Sandip Samadder	
ADB	Prof. Adrija Bhattacharya	
ACA	Prof. Amitabha Acharya	
RRC	Prof. Reshma Roychoudhuri	
SD	Prof. (Dr.) Somjit Datta	MATHS
DC	Prof. (Dr.) Dipankar Chakraborty	
JB	Prof. (Dr.) Jhumpa Bhadra	
SDS	Prof. Sudipta Sarkar	
ID	Prof. Indrani Dey	HUMANITIES
GDG	Prof. Goutam Dasgupta	
BB	Prof. Bedobrata Bhaduri	
PS	Prof. Pratima Shaw	ECE
SND	Prof. Sayantani Dutta	
DR	Prof. Debomita Roy	
SB	Prof. (Dr.) Sangita Bhattacharjee	CHEM
SWV	Prof. (Dr.) Swami Vedajnananda	

**HERITAGE INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**B.Tech 3rd Year 6th 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	L/CSEN3202/ /B09/MBK		L/CSEN3232/ICTB11/KP L/CSEN3233/ICTB12/SPS L/CSEN3235/ICT201B/ADB	B	L/CSEN3201/ /CB615B/LMD	MATH3221(SECB GR1) /ICT201B/DC CHEN3221/ICTB12/SB AEIE3221/AKB/ICT603 ECEN3221/ICT601/PS ECEN3222/ICTB03/DR ECEN3223/CME507/SND	REMEDIAL
	Gr-2							
TUE	Gr-1	MATH3221(SECB GR2+SEC C) /CB615B/SDS		L/CSEN3201/ /CB615B/LMD	R		MATH3221(SECB GR2+SEC C) /B12/SD/	L/INCO3016/ICT201A
	Gr-2							
WED	Gr-1	L/CSEN3202/ /CB615B/MBK		L/CSEN3232/ICTB11/KP L/CSEN3233/ICTB12/SPS L/CSEN3235/ICT201B/ADB	E	L/CSEN3201/ /CB615B/LMD	MATH3221(SECB GR1) /ICT201B/DC CHEN3221/ICT201A/SWV AEIE3221/AKB/B02 ECEN3221/ICT601/PS ECEN3222/ICTB02/DR ECEN3223/CME507/SND	L/HM3201/ /ICTB10/BB
	Gr-2							
THU	Gr-1	MATH3221(SECB GR2+SEC C) /B09/SD		L/HM3201/ /ICTB11/BB	A	SEMINAR/CSEN3293/ICTB11/ACA+AG		
	Gr-2							
FRI	Gr-1	REMEDIAL		L/CSEN3202/ /B09/MBK	K	REMEDIAL	MATH3221 (SECB GR1)/JB/ ICT201B CHEN3221/ICT201A/SWV AEIE3221/AKB/ ICT603 ECEN3221/ ICT601/PS ECEN3222/ ICTB02/DR ECEN3223/ CME507/SND	L/INCO3016/ICT201A
	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	
<b>A. THEORY</b>							
1	CSEN3201	Software Engineering	4	0	0	4	4
2	CSEN3202	Computer Networks	4	0	0	4	4
3	HM3201	Economics for Engineers	3	0	0	3	3
4	CSEN3231-CSEN3240	Professional Elective-II	3	0	0	3	3
	CSEN3231	Advanced Operating System					
	CSEN3232	Enterprise Application in Java EE					
	CSEN3233	Machine Learning					
	CSEN3234	Computational Geometry					
	CSEN3235	Cloud Computing					
	CSEN3236	Big Data					
5		Open Elective-I	3	0	0	2	3



	AEIE3221 ECEN3222 ECEN3223 MATH3221 MATH3223	Fundamentals of Sensors and Transducers Designing with Processors and Controllers Analog and Digital Communication Computational Mathematics Scientific Computing					
6	INCO3016	Indian Constitution and Civil Society(Mandatory)	2	0	0	2	0
<b>Total Theory</b>			<b>19</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>17</b>
<b>B. PRACTICAL</b>							
1	CSEN3251	Software Engineering Lab	0	0	3	3	1.5
2	CSEN3252	Computer Networks Lab	0	0	3	3	15
<b>Total Practical</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>3</b>
<b>C. SESSIONAL</b>							
1	CSEN3293	Term Paper and Seminar	0	0	4	4	2
<b>Total Sessional</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>2</b>
<b>Total of Semester</b>			<b>19</b>	<b>0</b>	<b>10</b>	<b>29</b>	<b>22</b>

<b>Details of Faculty Members</b>		
Initials	Name	Department
KP	Prof. Kamal Podder	CSE
SPS	Prof. Sandip Samadder	
ADB	Prof. Adrija Bhattacharya	
MBK	Prof. (Dr.) Mohuya B. Kar	
LMD	Prof. Lopamudra Dey	
SD	Prof. (Dr.) Somjit Datta	MATHS
DC	Prof. (Dr.) Dipankar Chakraborty	
JB	Prof. (Dr.) Jhumpa Bhadra	
SDS	Prof. Sudipta Sarkar	
BB	Prof. Bedobrata Bhaduri	HUMANITIES
PS	Prof. Pratima Shaw	ECE
SND	Prof. Sayantani Dutta	
DR	Prof. Debomita Roy	
SB	Prof. (Dr.) Sangita Bhattacharjee	CHEM
SWV	Prof. (Dr.) Swami Vedajnananda	

**HERITAGE INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**B.Tech 3rd Year 6th 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	REMEDIAL	L/CSEN3202/ /CB615A/AK	L/CSEN3232/ICTB11/KP L/CSEN3233/ICTB12/SPS L/CSEN3235/ICT201B/ADB	B	L/CSEN3201/ /ICTB12/NB	CHEN3221/ICTB12/SB AEIE3221/AKB/ICT603 ECEN3221/ICT601/PS ECEN3222/ICTB03/DR ECEN3223/CME507/SND	REMEDIAL
	Gr-2							
TUE	Gr-1	MATH3221(SECB GR2+SEC C) /CB615B/SDS	L/CSEN3202/ /CB615A/AK		R	MATH3221(SECB GR2+SEC C) /B12/SD/	L/CSEN3201/ /ICTB12/NB	L/HM3201/ /B10/BB
	Gr-2							
WED	Gr-1	L/HM3201/ /B12/BB	L/CSEN3232/ICTB11/KP L/CSEN3233/ICTB12/SPS L/CSEN3235/ICT201B/ADB		E	L/INCO3016/B12	CHEN3221/ICT201A/SWV AEIE3221/AKB/B02 ECEN3221/ICT601/PS ECEN3222/ICTB02/DR ECEN3223/CME507/SND	REMEDIAL
	Gr-2							
THU	Gr-1	MATH3221(SECB GR2+SEC C) /B09/SD	L/CSEN3202/ /CB615B/AK	L/CSEN3201/ /ICTB10/NB	A		SEMINAR/CSEN3293/ICT201A/AS+ADB	
	Gr-2							
FRI	Gr-1			L/CSEN3201/ /ICTB12/NB	K	L/INCO3016/B12	CHEN3221 / ICT201A/SWV AEIE3221/AKB/ ICT603 ECEN3221/ ICT601/PS ECEN3222/ ICTB02/DR ECEN3223/ CME507/SND	L/HM3201/ /B10/GDG
	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	
<b>A. THEORY</b>							
1	CSEN3201	Software Engineering	4	0	0	4	4
2	CSEN3202	Computer Networks	4	0	0	4	4
3	HM3201	Economics for Engineers	3	0	0	3	3
4	CSEN3231-CSEN3240	Professional Elective-II	3	0	0	3	3
	CSEN3231	Advanced Operating System					
	CSEN3232	Enterprise Application in Java EE					
	CSEN3233	Machine Learning					
	CSEN3234	Computational Geometry					
	CSEN3235	Cloud Computing					
	CSEN3236	Big Data					
5		Open Elective-I	3	0	0	2	3

	AEIE3221 ECEN3222 ECEN3223 MATH3221 MATH3223	Fundamentals of Sensors and Transducers Designing with Processors and Controllers Analog and Digital Communication Computational Mathematics Scientific Computing					
6	INCO3016	Indian Constitution and Civil Society(Mandatory)	2	0	0	2	0
<b>Total Theory</b>			<b>19</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>17</b>
<b>B. PRACTICAL</b>							
1	CSEN3251	Software Engineering Lab	0	0	3	3	1.5
2	CSEN3252	Computer Networks Lab	0	0	3	3	15
<b>Total Practical</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>3</b>
<b>C. SESSIONAL</b>							
1	CSEN3293	Term Paper and Seminar	0	0	4	4	2
<b>Total Sessional</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>2</b>
<b>Total of Semester</b>			<b>19</b>	<b>0</b>	<b>10</b>	<b>29</b>	<b>22</b>

<b>Details of Faculty Members</b>		
Initials	Name	Department
KP	Prof. Kamal Podder	CSE
SPS	Prof. Sandip Samadder	
ADB	Prof. Adrija Bhattacharya	
AK	Prof. (Dr.) Anindita Kundu	
NB	Prof. (Dr.) Nilina Bera	
SD	Prof. (Dr.) Somjit Datta	MATHS
DC	Prof. (Dr.) Dipankar Chakraborty	
JB	Prof. (Dr.) Jhumpa Bhadra	
SDS	Prof. Sudipta Sarkar	
GDG	Prof. Goutam Dasgupta	HUMANITIES
BB	Prof. Bedobrata Bhaduri	
PS	Prof. Pratima Shaw	ECE
SND	Prof. Sayantani Dutta	
DR	Prof. Debonita Roy	
SB	Prof. (Dr.) Sangita Bhattacharjee	CHEM
SWV	Prof. (Dr.) Swami Vedajnananda	

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### CHEMICAL ENGINEERING

**B. Tech 3<sup>rd</sup> Year 2<sup>nd</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	L/ CHEN 3202/ PB/CB212	L/ CHEN 3232/ DS/CB212	Seminar/ CHEN 3293/ ARS/CB212	LUNCH BREAK	INCO 3016/GF/CB212	L/ INFO 3221/HD/CB212 L/ AEIE 3222/IN/CB208	Seminar/ CHEN 3293/ ARS/CB212
TUE	L/ CHEN 3231/ DS/CB212	L/ CHEN 3201/ SB/CB212	L/ CHEN 3233/ SC/CB212		INCO 3016/GF/CB212	L/ HMTS 3201/BB/CB212	Seminar/ CHEN 3293/ AM/CB212
WED	L/ CHEN 3201/ PS/CB212	L/ HMTS 3201/BB/CB212	L/ CHEN 3202/ PS/CB212		L/ HMTS 3201/ID/CB212	L/ INFO 3221/HD//CB212 L/ AEIE 3222/IN/CB208	
THU	L/ CHEN 3233/ SC/CB212	L/ CHEN 3202/ PB/CB212	L/ CHEN 3233/ PP+AM/CB212		L/ CHEN 3231/ PS//CB212	Seminar/ CHEN 3293/ AM/CB212	
FRI	L/ CHEN 3231/ DS/CB212	L/ CHEN 3201/ PS/CB212	L/ CHEN 3232/ DS/CB212		L/ CHEN 3232/ AM/CB212	L/ INFO 3221/HD/CB212 L/ AEIE 3222/IN/CB208	

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

<CHEMICAL ENGINEERING>

B. Tech 3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2020-2021

INITIALS	FULLNAME	DEPARTMENT
SC	Prof. Sulagna Chatterjee	Chemical Engineering
PB	Prof. Pinaki Bhattacharya	Chemical Engineering
PS	Prof. Pramita Sen	Chemical Engineering
DD	Prof. Diptendu Datta	Chemical Engineering
ARS	Prof. Aparna Ray Sarkar	Chemical Engineering
SB	Prof. Sangita Bhattacharjee	Chemical Engineering
DS	Prof. Dwaipayan Sen	Chemical Engineering
AM	Prof. Abhyuday Mallick	Chemical Engineering
SWV	Prof. Swami Vedajnananda	Chemical Engineering
IN	Prof. Indrajit Naskar	Applied Electronics & Instrumentation Engg.
HD	Prof. Hemanta De	Information Technology
BB	Prof. Bedabrata Bhaduri	Humanities
ID	Prof. Indrani Dey	Humanities
GF	Guest Faculty	Humanities

Member

HOD

Principal

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

## CHEMICAL ENGINEERING

B. Tech 3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2020-2021

COURSE STRUCTURE:

<b>3<sup>rd</sup> Year 2<sup>nd</sup> Semester (Semester 6)</b>							
<b>THEORY</b>							
S.No	Code	Course Title	L	T	P	H	Credit
01	CHEN 3201	Process Control and Instrumentation	3	0	0	3	3
02	CHEN 3202	Mass Transfer II	3	0	0	3	3
03	CHEN 3241- 3243	Professional Elective-III	3	0	0	3	3
04		Open Elective I	3	0	0	3	3
05	HMT'S 3201	Economics for Engineers	3	0	0	3	3
06	INCO 3016	Indian Constitution and Civil Society	2	0	0	2	0
<b>Total Theory</b>							<b>15</b>
<b>LABORATORY/SESSIONAL</b>							
S.No	Code	Course Title	L	T	P	H	Credit
01	CHEN 3251	Process Control Laboratory	0	0	2	2	1
02	CHEN 3252	Mass Transfer Laboratory	0	0	3	3	1.5
03	CHEN 3253	Process Equipment Design & Drawing Laboratory	0	0	3	3	1.5
04	CHEN 3293	Term Paper & Technical Seminar	0	0	4	4	2
<b>Total Practical</b>							<b>6</b>
<b>Semester Total</b>							<b>21</b>

Professional Elective – III	CHEN 3231	CHEN 3232	CHEN 3233
Subject name	Computational Fluid Dynamics	Novel Separation Processes	Nanotechnology

Member

HOD

Principal

# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### DEPARTMENT OF CIVIL ENGINEERING

**B.Tech : 3<sup>rd</sup> Year 2<sup>nd</sup> 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
<b>MON</b>	L/CIVL 3241 BS / CME 407	R/CIVL 3241 BS / CME 407	SEMINAR/CIVL 3293 (Gr-1) DG,SK / CME 407	<b>BREAK</b>	L/HMTS 3201 GDG / CME 407	L/HMTS 3201 BB / CME 407	REMEDIAL CME 407
<b>TUE</b>	L/CIVL 3241 CB / CME 407		L/CIVL 3201 SS / CME 407		L/CIVL 3201 SS / CME 407	SEMINAR/CIVL 3293 (Gr-1) SK, DG/ CME 407	
<b>WED</b>	L/CIVL 3201 DG / CME 407		L/CIVL 3214 CB / CME 407		L/CIVL 3214 CB / CME 407	SEMINAR/CIVL 3293 (Gr-1) DG, SK / CME 407	REMEDIAL CME 407
<b>THU</b>	L/CIVL 3214 BS/ CME 407		L/HMTS 3201 ID / CME 407		SEMINAR/CIVL 3293 (Gr-2) BD,RS/ CME 407	SEMINAR/CIVL 3293 (Gr-2) BD,RS / CME 407	SEMINAR/CIVL 3293 (Gr-2) RS / CME 407
<b>FRI</b>	L/CIVL 3221 TS / CME 407		L/CIVL 3221 SK / CME 407		R/CIVL 3221 SK / CME 407	SEMINAR/CIVL 3293 (Gr-2) RS,BD / CME 407	REMEDIAL CME 407

**To be Effective from 17<sup>th</sup> 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 CIVIL ENGINEERING

B.Tech : 3<sup>rd</sup> Year 2<sup>nd</sup> Semester (Sec-B)

SESSION: 2020 – 2021 (Even Semester)

### Abbreviations:

INITIAL	FULLNAME	DEPARTMENT
TS	Prof. (Dr.) Tapas Sadhu	Civil Engineering
SS	Prof.(Dr.) Sarmila Sahoo	Civil Engineering
MP	Prof. (Dr.) Monideepa Paul	Civil Engineering
SSC	Prof. (Dr.) Subha Sankar Chowdhury	Civil Engineering
RL	Prof.(Dr.) Rajashree Lodh	Civil Engineering
PS	Prof. Prithwish Saha	Civil Engineering
PBC	Prof. Puja Basu Chaudhuri	Civil Engineering
RR	Prof. Rudra Prasad Roychowdhury	Civil Engineering
SK	Prof. Sourav Kar	Civil Engineering
RS	Prof. Rupam Sam	Civil Engineering
DC	Prof. Dona Chatterjee	Civil Engineering
BS	Prof. Bedshruti Sen	Civil Engineering
CB	Prof. Chandrima Bhadra	Civil Engineering
DG	Prof. Debanjan Ghosh	Civil Engineering
BD	Prof. Biswarup Das	Civil Engineering
BB	Prof. Bedbrata Bhadhuri	Humanities
GDG	Prof. Gautam Dasgupta	Humanities
ID	Prof. Indrani De (Guest Faculty)	Humanities

To be Effective from 17<sup>th</sup> 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 CIVIL ENGINEERING**

**B.Tech : 3<sup>rd</sup> Year 2<sup>nd</sup> Semester (Sec-B)**

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

**COURSE STRUCTURE:**

**To be Effective from 17<sup>th</sup> 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 CIVIL ENGINEERING

B.Tech : 3<sup>rd</sup> Year 2<sup>nd</sup> Semester (Sec-B)

SESSION: 2020 – 2021 (Even Semester)

A. Theory							
Sl. No.	Code	Subject	Contacts Hours / Week			Total	Credit Points
			L	T	P		
1.	CIVL 3201	Design of Steel Structures	3	1	0	4	4
2.	HMTS 3201	Economics for Engineers	3	0	0	3	3
3.	CIVL 3241 - CIVL 3244	Professional Elective - II	3	0	0	3	3
4.	CIVL 3221 & CIVL 3222	Open Elective - I	3	0	0	3	3
<b>Total Theory</b>			12	1	0	13	13
B. Laboratory							
1.	CIVL 3251	Industrial Structure Design and Detailing Lab	0	0	3	3	1.5
2.	CIVL 3252	Computer-aided Structural Analysis and Design	1	0	4	5	3
<b>Total Practical</b>			1	0	7	8	4.5
C. Sessional							
1.	CIVL 3293	Term Paper and Seminar	0	0	4	4	2
<b>Total Sessional</b>			0	0	4	4	2
<b>Total of Semester without Honours</b>			13	1	11	25	19.5
D. Honours							
1.	CIVL 3214	Project Planning and Management	3	1	0	4	4
<b>Total Honours</b>			3	1	0	4	4
<b>Total of Semester with Honours</b>			16	2	11	29	23.5

**Professional Elective II-CIVL 3241- Air and Noise Pollution**

**Open Elective - I (Emerging Field) - CIVL 3221- Repair & Rehabilitation of Structures**

**To be Effective from 17<sup>th</sup> 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 CIVIL ENGINEERING

**B.Tech: 3<sup>rd</sup> Year 2<sup>nd</sup> 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
<b>MON</b>	L/CIVL 3201 DG / CME 215		L/CIVL 3241 CB/ CME 215	<b>BREAK</b>	R/CIVL 3241 CB/ CME 215	SEMINAR/CIVL 3293 (Gr-1) MP, PBC / CME 215	L/HMTS 3201 GDG / CME 215
<b>TUE</b>	L/CIVL 3241 BS / CME 215		SEMINAR/CIVL 3293 (Gr-2) SSC,DC / CME 215		L/CIVL 3214 BS / CME 215	SEMINAR/CIVL 3293 (Gr-1) MP, PBC / CME 215	REMEDIAL CME 215
<b>WED</b>	L/CIVL 3221 TS / CME 215	R/CIVL 3221 TS / CME 215	L/CIVL 3214 BS / CME 215		SEMINAR/CIVL 3293 (Gr-2) SSC,DC / CME 215	SEMINAR/CIVL 3293 (Gr-2) SSC,DC / CME 215	REMEDIAL CME 215
<b>THU</b>	L/HMTS 3201 / CME 215	L/CIVL 3221 SK / CME 215			L/CIVL 3214 CB / CME 215		SEMINAR/CIVL 3293 (Gr-2) SSC,DC / CME 215
<b>FRI</b>	L/CIVL 3201 SS / CME 215		SEMINAR/CIVL 3293 (Gr-1) MP,PBC / CME 215		SEMINAR/CIVL 3293 (Gr-1) MP,PBC / CME 215	L/HMTS 3201 ID/ CME 215	

**To be Effective from 17<sup>th</sup> 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 CIVIL ENGINEERING

B.Tech: 3<sup>rd</sup> Year 2<sup>nd</sup> Semester (Sec-A)

SESSION: 2020– 2021 (Even Semester)

### Abbreviations:

INITIAL	FULLNAME	DEPARTMENT
TS	Prof. (Dr.)Tapas Sadhu	Civil Engineering
SS	Prof.(Dr.) SarmilaSahoo	Civil Engineering
MP	Prof. (Dr.) Monideepa Paul	Civil Engineering
SSC	Prof. (Dr.) SubhaSankar Chowdhury	Civil Engineering
RL	Prof.(Dr.) RajashreeLodh	Civil Engineering
PS	Prof. PrithwishSaha	Civil Engineering
PBC	Prof. Puja Basu Chaudhuri	Civil Engineering
RR	Prof. Rudra Prasad Roychowdhury	Civil Engineering
SK	Prof. SouravKar	Civil Engineering
DC	Prof. Dona Chatterjee	Civil Engineering
BS	Prof. BedshrutiSen	Civil Engineering
CB	Prof. ChandrimaBhadra	Civil Engineering
DG	Prof. Debanjan Ghosh	Civil Engineering
BD	Prof. Biswarup Das	Civil Engineering
RS	Prof. Rupam Sam	Civil Engineering
BB	Prof. Bedbrata Bhadhuri (Guest Faculty)	Humanities
GDG	Prof. Gautam Dasgupta (Guest Faculty)	Humanities
ID	Prof.Indrani De (Guest Faculty)	Humanities

To be Effective from 17<sup>th</sup> 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 CIVIL ENGINEERING

B.Tech: 3<sup>rd</sup> Year 2<sup>nd</sup> Semester (Sec-A)

SESSION: 2020– 2021 (Even Semester)

### COURSE STRUCTURE:

A. Theory							
Sl. No.	Code	Subject	Contacts Hours / Week			Total	Credit Points
			L	T	P		
1.	CIVL 3201	Design of Steel Structures	3	1	0	4	4
2.	HMTS 3201	Economics for Engineers	3	0	0	3	3
3.	CIVL 3241 - CIVL 3244	Professional Elective - II	3	0	0	3	3
4.	CIVL 3221 & CIVL 3222	Open Elective - I	3	0	0	3	3
<b>Total Theory</b>			12	1	0	13	13
B. Laboratory							
1.	CIVL 3251	Industrial Structure Design and Detailing Lab	0	0	3	3	1.5
2.	CIVL 3252	Computer-aided Structural Analysis and Design	1	0	4	5	3
<b>Total Practical</b>			1	0	7	8	4.5
C. Sessional							
1.	CIVL 3293	Term Paper and Seminar	0	0	4	4	2
<b>Total Sessional</b>			0	0	4	4	2
<b>Total of Semester without Honours</b>			13	1	11	25	19.5
D. Honours							
1.	CIVL 3214	Project Planning and Management	3	1	0	4	4
<b>Total Honours</b>			3	1	0	4	4
<b>Total of Semester with Honours</b>			16	2	11	29	23.5

**Professional Elective II-CIVL 3241- Air and Noise Pollution**

**Open Elective - I (Emerging Field)- CIVL 3221-Repair & Rehabilitation of Structures**

**To be Effective from 17<sup>th</sup> 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 BIOTECHNOLOGY>**

**B. Tech 3<sup>rd</sup> Year 2<sup>nd</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	L/BIOT3211 CB406 KM	L/BIOT 3202 CB406 TKG	L/CSEN3207 CB406/ HD	LUNCH  BREAK	L/BIOT 3201 CB406 RG	BIOT 3293/Seminar CB406 TKG+PC		
TUE	L/BIOT3231 ICT 205 DC	L/BIOT 3201 CB406 PC	L/BIOT 3221 CB406 DC		R/BIOT 3202 CB406 TKG	L/BIOT3211 CB406 SMB	R/BIOT3211 CB406 KM	
	L/BIOT 3232 CB 406 SB				R/BIOT 3201 CB406 PC	L/HMTS 3201 CB406 BB	L/BIOT 3221 CB406 SHD	
WED	L/BIOT 3201 CB406 RG	L/BIOT3231 ICT 205 NKJ	L/BIOT 3202 CB406 SDE		R/BIOT3231 ICT 205 NKJ	L/CSEN3207 CB406 HD	L/HMTS 3201 CB406 BB	L/BIOT 3221 CB406 DC
		L/BIOT 3232 CB406 SHD			R/BIOT 3232 CB406 SHD			
THU	L/BIOT3211 CB406 SMB	L/BIOT 3202 CB406 TKG	L/BIOT3231 ICT 205 DC		L/HMTS 3201 CB406 ID	BIOT 3293/Seminar CB406 TKG+PC		
FRI	L/CSEN3207 CB406 HD	L/BIOT 3221 CB406 SHD	L/BIOT 3232 CB 406 SB					

To be Effective from 17<sup>th</sup> 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 BIOTECHNOLOGY >**  
**B. Tech 3<sup>rd</sup> Year 2<sup>nd</sup> Semester** **SESSION: 2020-2021**

INITIALS	FULLNAME	DEPARTMENT
HD	Prof. Hemanta De	IT
BB	Prof. Bedabrata Bhaduri	HUM
ID	Prof. Indrani De	HUM
DC	Prof. (Dr.) Dipankar Chaudhury	BT
RG	Dr. Riddhi Goswami	BT
NKJ	Dr. Nandan Kumar Jana	BT
SMB	Dr. Soma Banerjee	BT
TKG	Dr. Tapan Kumar Ghosh	BT
KM	Dr. Kakali Mukherjee	BT
SDE	Dr. Sudipta Dey Bandyopadhyay	BT
PC	Prof. Plaban Chawdhuri	BT

Member

HOD

Principal

**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**< DEPARTMENT of BIOTECHNOLOGY >**

**B. Tech 3<sup>rd</sup> Year 2<sup>nd</sup> Semester**

**SESSION: 2020-2021**

COURSE STRUCTURE:

A. THEORY								
Sl No	Course Code	Field	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	HMTS3201	Humanities	Economics for Engineers	3	0	0	3	3
2	BIOT3201	Prof. Core	Immunology	3	0	0	3	3
3	BIOT3202	Prof. Core	Bioreactor Design and Analysis	3	0	0	3	3
4	CSEN3207	Engg Science	RDBMS Concept and Computer Networking	3	0	0	3	3
5	BIOT3231	Prof. Elective 2	Molecular Modelling and Drug Designing	3	0	0	3	3
	BIOT3232		Biophysics of Macromolecules					
	BIOT3233		Biosensors and Diagnostics					
6	BIOT3221	Emerging Area / Open Elective 1	Medical and Pharmaceutical Biotechnology	3	0	0	3	3
	BIOT3222		Basics of Nanotechnology					
<b>Total of Theory</b>				<b>18</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>18</b>
B. PRACTICAL/ LABORATORY								
1	BIOT3251	Prof. Core	Immunology lab	0	0	2	2	1
2	BIOT3252	Prof. Core	Bioreactor Design lab	0	0	2	2	1
3	CSEN3257	Engg Science	RDBMS Concept lab	0	0	2	2	1
4	BIOT3293	Seminar	Term paper & Seminar	0	0	4	4	2
<b>Total of Practical</b>				<b>0</b>	<b>0</b>	<b>10</b>	<b>10</b>	<b>5</b>
<b>Total of Semester without Honours</b>				<b>18</b>	<b>0</b>	<b>10</b>	<b>28</b>	<b>23</b>
C. HONOURS								
1	BIOT3211	Honours	Plant Biotechnology	3	0	0	3	3
2	BIOT3261	Honours	Plant Tissue Culture Lab	0	0	2	2	1
<b>Total Honours</b>				<b>3</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>4</b>
<b>Total of Semester with Honours</b>				<b>21</b>	<b>0</b>	<b>12</b>	<b>33</b>	<b>27</b>

Member

HOD

Principal