

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
<Electronics and Communication Engineering>
B. Tech 3rd Year 2nd Semester Sec A **SESSION: 2022-2023**

DAY	GROUP	9.00 AM – 9.55 AM	9.55 AM – 10.50 AM	10.50 AM – 11.45 AM	11.45 AM – 12.25 PM	12.25 PM – 1.20 PM	1.20 PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05 PM – 5.00 PM	5.00 PM – 5.55 PM
MON	GR. 1	L/ECEN 3201/ DR/ ICT 504	L/CSEN 3208/KP/ ICT 504	L/INCO 3016/SG/ ICT504	BREAK	L/ECEN 3211/SDG/504	L/CSEN 3221/ICT 504 & ICT 505 /RNM & SS L/AEIE 3221/RSD/ ICT 511 L/ MATH 3222/CME616/DC L/CHEN/CB218	L/ HMTS3201/GDG/ICT504	L/R/ECEN 3201/ DR/ ICT 504	L/R/ECEN 3211/SDG/ICT 504	Mentoring/ ICT 504Jhum
	GR. 2										
TUE	GR. 1	L/ECEN 3232/PRB/ICT/505	L/ECEN3231/AS/ICT615, L/ECEN 3233SDG/ICT 504, L/ECEN 3233SSB/ICT 505	L/ECEN 3201/ DR/ ICT 504	BREAK	LAB/ECEN 3252/GR1/ OB/ ICT 403/LAB/PM*+AD*			L/ HMTS3201/PS/ ICT504	L/ECEN 3221/PS/ ICT 405	
	GR. 2					LAB/CSEN 3258/GR2/KP+(SDM*+SA*)/ICT B03					
WED	GR. 1	LAB/ECEN 3261/SDG/ICT 501/ GR1/MS*+MOU*		L/CSEN 3208/KP/ICT 504	BREAK	L/ECEN 3232/PRB/ICT/613, L/ECEN3231/AS/ICT615, L/ECEN 3233SDG/ICT 504 & L/ECEN 3234/DS/ICT 511	L/ECEN 3221/PS/ ICT 615 L/CSEN 3221/ICT 504 & ICT 505 /RNM & SS L/AEIE 3221/RSD/ ICT 511 L/ MATH 3222/ CME616/JB L/CHEN/CB218	L/ECEN 3233SSB/ICT 504	L/ECEN 3234/DS/ICT 405	L/CSEN 3221/ICT 504/RNM	Remedial/504
	GR. 2	LAB/ECEN 3251/DR/ICT 603/GR2/SUC*+AD*									
THU	GR. 1	L/ECEN 3232/PRB/ICT/612, L/ECEN3231/AS/ICT615, L/ECEN 3233SDG/ICT 504, L/ECEN 3233SSB/ICT 505 & L/ECEN 3234/DS/ICT 511	LAB/ECEN 3251/DR ICT 603/GR1/PS*+AR*		BREAK	L/INCO 3016/SG/ICT 504	L/HMTS 3201/NM/ICT 504	S/ ECEN 3293/SSB+MS+SP+TD/ICT 504			
	GR. 2		LAB/ECEN 3261/SDG/GR2/ICT 501/MS*+STM*								
FRI	GR. 1	L/CSEN 3208/ KP/ICT 504	L/ECEN 3211/SDG/ICT 504	L/ECEN 3211/SDG/ICT 504	BREAK	L/ECEN 3201/ DR/ ICT 504/	L/ECEN 3221/PS/ ICT 615 L/CSEN 3221/ICT 504 & ICT 505 /RNM & SS L/AEIE 3221/RSD/ ICT 511 L/ MATH 3222/CME616/DC L/CHEN/CB218	LAB/CSEN 3258/GR1/KP+(AR*+TNB*)/ICTB03			
	GR. 2							LAB/ECEN 3252/TC/ICT 403/GR2/TM*+MS*			

To be Effective from 9th January, 2023.
A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination
Students should target 100% attendance

Member *Debanita Roy.*

13
HOD

Debanita Choudhury
Principal

SESSION: 2022-2023

TA Details:

Faculty Details.				TA Details:	
INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
PRB	Prof. (Dr.) Prabir Banerjee	ECE	PM*	Prativa Mandal	ECE
SDG	Prof. (Dr.) Shounak Dasgupta	ECE	AD*	Arindam Das	ECE
AS	Prof. (Dr.) Anindya Sen	ECE	MS*	Madhabi Samanta	ECE
DS	Prof. Debanjali Sadhu	ECE	MOU*	Mousumi Samanta	ECE
DR	Prof. Debamita Roy	ECE	SUC*	Sumana Chowdhuri	ECE
RNM	Prof. Rudranath Mitra	ECE	PS*	Pritam Sahu	ECE
PS	Prof. Pratima Shaw	ECE	AR*	Aditi Roy	ECE
OB	Prof. Orijit Biswas	ECE	STM*	Simantani Mondal	ECE
TD	Prof. Tania Das	ECE	SDM*	SIDDHARTH MOJUMDAR	CSE
SSB	Prof. (Dr.) Shibshankar Bhowmick	ECE	SA*	SURAJIT ACHARYA	CSE
SP	Prof. (Dr.) Srabanti Pandit	ECE	AR*	ANKUR ROY	CSE
MS	Prof. Md. Shehnawaz	ECE	TNB*	TARAK NATH BHOWMICK	CSE
RSD	Prof. Reshma Sengupta	AEIE			
SS	Prof. Shilpi Saha	IT			
DC	Prof. (Dr.) Dipankar Chakraborty	MATH			
JB	Prof. Jhumpa Bhadra	MATH			
SG	Prof. Sanchari Ghosh	HU			
PS	Mrs. Preeta Singh	HU			
GDG	Prof. Gautam Das Gupta	HU			
NM	Ms. Nilanjana Mukhopadhaya	HU			
KP	Prof. Kamal Podder	CSE			

To be Effective from 9th January, 2023.

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

Member Debanita Roy.

HOD

Barab Chaudhary
Principal

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
<Electronics and Communication Engineering>
B. Tech 3rd Year 2nd Semester Sec B **SESSION: 2022-2023**

DAY	GROUP	9.00 AM – 9.55 AM	9.55 AM – 10.50 AM	10.50 AM – 11.45 AM	11.45 AM – 12.25 PM	12.25 PM – 1.20 PM	1.20 PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05 PM – 5.00 PM	5.00 PM – 5.55 PM
MON	GR. 1	L/ CSEN 3208/ SSB/ICT 505		L/ECEN 3201/KD/ICT 505	BREAK	Remedial/ ICT505	L/CSEN 3221/ICT 504 & ICT 505 /RNM & SS	LAB/ECEN 3252/GR3/ OB+RRP/ ICT 403/MS*+AD*		MENTORING/ ICT 505	
	L/AEIE 3221/RSD/ICT 511										
	L/ MATH 3222/CME616/DC						LAB/CSEN 3258/GR4/PSD+(SHS*+DC*)/ICTB03				
	L/CHEN/CB218										
TUE	GR. 1	L/ECEN 3232/PRB/ICT/505	L/ECEN3231/AS/ICT615, L/ECEN 3233SDG/ICT 504, L/ECEN 3233SSB/ICT 505	L/ CSEN 3208/ SSB/ICT 505	BREAK	L/INCO 3016/SG/ICT 505	L/ HMTS 3201/ID/ICT 505	LAB/ECEN 3261/DS/ICT 501/GR3/STM*+MS*		L/ECEN 3221/PS/ ICT 405	
	GR. 2							LAB/ECEN 3251/KD/ICT 603/GR4/SUC*+AR*			
WED	GR. 1	L/ECEN 3201/KD/ICT 505	L/HMTS 3201/GF/ICT 505	L/ECEN 3211/DS/ICT 505	BREAK	L/ECEN 3232/PRB/ICT/613, L/ECEN3231/AS/ICT615, L/ECEN 3233SDG/ICT 504 & L/ECEN 3234/DS/ICT 511	L/ECEN 3221/PS/ ICT 615	L/ECEN 3233SSB/ICT 504	L/ECEN 3234/DS/ICT 405	L/CSEN 3221/ICT 504/RNM	
	L/CSEN 3221/ICT 504 & ICT 505 /RNM & SS										
	L/AEIE 3221/RSD/ICT 511										
	L/ MATH 3222/CME616/IB L/CHEN/CB218										
THU	GR. 1	L/ECEN 3232/PRB/ICT/612, L/ECEN3231/AS/ICT615, L/ECEN 3233SDG/ICT 504, L/ECEN 3233SSB/ICT 505 & L/ECEN 3234/DS/ICT 511	L/ECEN 3201/KD/ICT 505	L/INCO 3016/SG/ICT 505	BREAK	L/ECEN 3211/DSICT 505	L/R/ECEN 3211/DSICT 505	LAB/ECEN 3251/KD/ICT 603/GR3/MOU*+PS*			
	GR. 2							Library	LAB/ECEN 3261/DS/ICT501/GR 4/MS*+STM*		
FRI	GR. 1	LAB/CSEN 3258/GR3/SDB+(SHS*+ID*[MCA])/ICTB03			BREAK	L/R/ECEN 3201/KD/ICT 505	L/ECEN 3221/PS/ ICT 615	L/ECEN 3211/DSICT 505	L/ HMTS 3201/ID/ICT 505	S/ ECEN 3293/SJC+RRP+SND+AR/ ICT 505	
	L/CSEN 3221/ICT 504 & ICT 505 /RNM & SS										
	L/AEIE 3221/RSD/ ICT511										
	L/ MATH 3222// ICT211/DC L/CHEN/CB218										

To be Effective from 9th January, 2023.

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

Students should target 100% attendance

Member *Debamita Roy*

B
HOD

Barun Choudhury
Principal

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
<Electronics and Communication Engineering>
B. Tech 3rd Year 2nd Semester Sec B

SESSION: 2022-2023

Faculty Details:

TA Details:

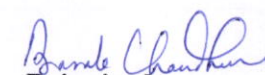
INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
PRB	Prof. (Dr.) Prabir Banerjee	ECE	MS*	Madhabi Samanta	ECE
AS	Prof. (Dr.) Anindya Sen	ECE	AD*	Arindam Das	ECE
DS	Prof. Debanjali Sadhu	ECE	STM*	Simantani Mondal	ECE
KD	Prof. Krishanu Dutta	ECE	AR*	Aditi Roy	ECE
SJC	Prof. Subhrajit Chakrabarty	ECE	SUC*	Sumana Chowdhuri	ECE
CR	Prof. Chandrima Roy	ECE	MOU*	Mousumi Samanta	ECE
KM	Prof. (Dr.) Kasturi Mukherjee	ECE	PS*	Pritam Sahu	ECE
SB	Prof. (Dr.) Sriparna Bhattacharya	ECE	TM*	Tapas Maity	ECE
RNM	Prof. Rudranath Mitra	ECE	PSD*	ParthaSarathi Das	ECE
PS	Prof. Pratima Shaw	ECE	SHS*	SANCHAYITA SARKAR	CSE
RRP	Prof. Rajib Ranjan Paul	ECE	DC*	DIPSHIKHA CHOUDHURY	CSE
SSB	Prof. (Dr.) Shibshankar Bhowmick	ECE	ID*	INDRANIL DASGUPTA	MCA
SDG	Prof. (Dr.) Shounak Dasgupta	ECE			
AR	Prof. Arindam Ray	ECE			
OB	Prof. Orijit Biswas	ECE			
SDB	Prof. Satabdi Barman	CSE			
PSD	Prof. Sushobhan Baidya	CSE			
SSB	Prof. Susobhan Baidya	CSE			
GF	Guest Faculty	HU			
RSD	Prof. Reshma Sengupta	AEIE			
SS	Prof. Shilpi Saha	IT			
DC	Prof. (Dr.) Dipankar Chakraborty	MATH			

To be Effective from 9th January, 2023.

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

Member *Debanita Roy*


HOD


Principal

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
<Electronics and Communication Engineering>
B. Tech 3rd Year 2nd Semester Sec C SESSION: 2022-2023

DAY	GROUP	9.00 AM – 9.55 AM	9.55 AM – 10.50 AM	10.50 AM – 11.45 AM	11.45 AM – 12.25 PM	12.25 PM – 1.20 PM	1.20 PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05 PM – 5.00 PM	5.00 PM – 5.55 PM
MON	GR. 1	L/ECEN 3201/AMB/ICT 511	L/ECEN 3211/SCH/ICT 511	BREAK	L/INCO 3016/SG/ ICT 511	L/CSEN 3221/ICT 504 & ICT 505 /RNM & SS	L/CSEN 3208/ICT 511/ SSB	L/R/ECEN 3201/AMB/ICT 511			
	L/AEIE 3221/RSD/ ICT 511										
	L/ MATH 3222/CME616/DC										
	L/CHEN/CB218										
TUE	GR. 1	L/ECEN 3232/PRB/ICT/505	L/ECEN3231/AS/ICT615, L/ECEN 3233SDG/ICT 504, L/ECEN 3233SSB/ICT 505	L/INCO 3016/SG/ICT 511	BREAK	L/ECEN 3201/AMB/ICT 511	L/CSEN 3208/ICT 511/ SSB	L/HMTS 3201/SS/ICT 511	L/R/ECEN 3211/SCH/ICT 511	L/ECEN 3221/PS/ ICT 405	MENTORING/ ICT 511
	GR. 2										
WED	GR. 1	LAB/CSEN3258/ECE-C/GR-5/SSB+(SDM* + ID* [MCA])/B03			BREAK	L/ECEN 3232/PRB/ICT/613, L/ECEN3231/AS/ICT615, L/ECEN 3233SDG/ICT 504 & L/ECEN 3234/DS/ICT 511	L/ECEN 3221/PS/ ICT 615	L/ECEN 3233/SSB/ICT 504	L/ECEN 3234/DS/ICT 405	L/CSEN 3221/ICT 504/RNM	REMEDIAL/ICT 511
	GR. 2	LAB/ECEN 3252/PS/ICT 403/GR6/PSD*+TM*	L/CSEN 3221/ICT 504 & ICT 505 /RNM & SS								
			L/AEIE 3221/RSD/ ICT 511								
			L/ MATH 3222/CME616/JB L/CHEN/CB218								
THU	GR. 1	L/ECEN 3232/PRB/ICT/612, L/ECEN3231/AS/ICT615, L/ECEN 3233SDG/ICT 504, L/ECEN 3233SSB/ICT 505 & L/ECEN 3234/DS/ICT	L/ECEN 3211/SCH/ICT 511	L/ECEN 3201/AMB/ICT 511	BREAK	LAB/ECEN 3261/SCH/ICT 501/ GR5/SM*+MOU*	S/ ECEN 3293/TC+PAG+PS+AMD/ ICT 511				
	GR. 2					LAB/ECEN 3251/AMB/ICT 603/GR6/PSD*+SUC*					
FRI	GR. 1	LAB/ECEN 3252/GR5/RRP/ ICT 605/SM*+MS*			BREAK	L/HMTS 3201/PS/ICT 511	L/ECEN 3221/PS/ ICT 615	L/HMTS 3201/PS/ICT 511	LAB/ECEN 3251/AMB/ICT 603/GR5/SUC*+PS*		
	GR. 2	LAB/CSEN3258/ECE-C/GR-6/SSB+(SDM* + AD*)/B07	L/CSEN 3221/ICT 504 & ICT 505 /RNM & SS								
			L/AEIE 3221/RSD/ ICT 511								
			L/ MATH 3222/CME616/DC L/CHEN/CB218	LAB/ECEN 3261/SCH/ICT 501/ GR6/MS*+STM*							

To be Effective from 9th January, 2023.
A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination
Students should target 100% attendance

Member *Debanita Roy*

13
HOD

Debanita Roy
Principal

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
<Electronics and Communication Engineering>
B. Tech 3rd Year 2nd Semester Sec C
SESSION: 2022-2023

Faculty Details:

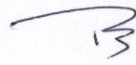
TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
PRB	Prof. (Dr.) Prabir Banerjee	ECE	PSD*	ParthaSarathi Das	ECE
SCH	Prof. (Dr.) Sabyasachi Chatterjee	ECE	TM*	Tapas Maity	ECE
AS	Prof. (Dr.) Anindya Sen	ECE	SM*	Sushanta Mandal	ECE
DS	Prof. (Dr.) Debanjali Sadhu	ECE	MOU*	Mousumi Samanta	ECE
AMB	Prof. Amrita Banerjee	ECE	SUC*	Sumana Chowdhuri	ECE
RNM	Prof. Rudranath Mitra	ECE	MS*	Madhabi Samanta	ECE
PS	Prof. Pratima Shaw	ECE	SDM*	SIDDHARTH MOJUMDAR	CSE
SDG	Prof. (Dr.) Shounak Dasgupta	ECE	AD*	AVIJIT DUTTA	CSE
RRP	Prof. Rajib Ranjan Paul	ECE	ID*	INDRANIL DASGUPTA	MCA
TC	Prof. (Dr.) Tapas Chakrabarty	ECE			
PAG	Prof. Prativa Agarwalla	ECE			
AMD	Prof. (Dr.) Asima Adak	ECE			
SSB	Prof. (Dr.) Shibshankar Bhowmick	ECE			
SS	Prof. Shilpi Saha	CSE			
GDG	Prof. Gautam Das Gupta	HU			
GF	Guest Faculty	HU			
SG	Prof. Sanchari Ghosh	HU			
RSD	Prof. Reshma Sengupta	AEIE			
HD	Prof. Hemanta K. De	IT			
DC	Prof. (Dr.) Dipankar Chakraborty	MATH			

To be Effective from 9th January, 2023.

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

Member *Debamita Roy*


HOD

Partha Sarathi Das
Principal

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
<Electronics and Communication Engineering>
B. Tech 3rd Year 2nd Semester Sec A **SESSION: 2022-2023**

COURSE STRUCTURE:

3 rd Year 2 nd Semester								
S. No.	Category	Course Code	Course Name	Contact Hours/Week	L	T	P	Credit Points
1	Professional Core Course	ECEN301	Digital VLSI Design	3	0	0	3	3
2	Engineering Science Course	ECEN302	Object Oriented Programming Concept by using C++	3	0	0	3	3
3	Elective-1	ECEN303	Experiments for Engineers	3	0	0	3	3
4		ECEN304	Digital Image Processing & Feature Recognition	3	0	0	3	3
5		ECEN305	IoT for Communication	3	0	0	3	3
6		ECEN306	Machine Intelligence and Introduction to Python	3	0	0	3	3
	Professional Elective-2	ECEN307	Network Security	3	0	0	3	3
		ECEN308	Advanced Digital Communications	3	0	0	3	3
7	Open Elective - 1	ECEN309	Artificial Intelligence in Radio Communication	3	0	0	3	3
		AEIE311	Fundamentals of ON Semiconductors and Transistors	3	0	0	3	3
		ECEN310	Fundamentals of ROESII	3	0	0	3	3
		ECEN311	Water and Liquid Waste Management	3	0	0	3	3
		AEIE312	Fundamentals of Electronic Measurement	3	0	0	3	3
		MATH322	Advanced Probability and Information Theory	3	0	0	3	3
Total Theory				18	0	0	18	18

B. Practical							
1	Professional Core Course	ECEN301	Digital VLSI Design Laboratory	0	0	2	2
2	Engineering Science Course	ECEN302	Object Oriented Programming Concept by using C++ Laboratory	0	0	3	3
Total Practical				0	0	5	5

Note:

C. Sessional									
1	Professional Core Course	ECEN202	Mini Project: Electronic Workshop	Design	0	0	3	3	1.5
2	Project Work Seminar, Internship etc	ECEN300	Term paper with Seminar		0	0	4	4	2
Total Sessional					0	0	7	7	3.5

D. Mandatory Course (non-credit)							
1	Mandatory	INCO306	Indian Constitution and Civil Society	2	0	0	2
Total of Semesters without Honours				18	0	14	32

E. Honours							
1	Honours	ECEN301	Studies and Critical Communication	3	0	0	3
		ECEN301	Studies and Critical Communication Laboratory	0	0	2	2
Total Honours				3	0	2	5
Total of Semesters with Honours				21	0	16	37

Open Elective - I	6) ECEN311	6) Artificial Intelligence in Radio Communication
	8) ECEN312	8) Designing with Protectors and Controllers
	10) ECEN313	10) Analog and Digital Communication
Open Elective - I (to be offered by ECE Department)		

To be Effective from 9th January, 2023.
A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination
Students should target 100% attendance

Member *Debanita Roy*

13
HOD

Pradyumn Choudhary
Principal