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

B.TECH, 4th YEAR, 1st SEMESTER   **SESSION: 2021-2022**

DAY	9.00 AM – 9.55AM	9.55AM – 10.50 AM	10.50 NOON – 11.45 PM	11.45AM-12.25PM	12.25 PM – 1.20PM	1.20PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05PM-5.00PM	5.00PM-5.55PM
MON	L/HMTS 4101/GF 1	L/HMTS 4101/GF1	**L/ECEN4111/SP**	Break	L/ECEN 4121/PRB / L/INFO 4121/UKD / L/CSEN 4121/AG / L/MATH 4121/SC	L/ECEN 4124/AMB / **L/CSEN 4126/TC** / **L/AEIE 4126/IN** / **L/AEIE 4127/DMG** / **L/CHEN 4126/SB**	L/ECEN4111/SP			
TUE	L/ECEN 4142/AC / **L/ECEN 4142/ AMD** / **L/ECEN 4144/ SCH**				**LAB/ECEN4161/SP/(AR*+PS*)GRP 4**					
WED	LAB/ECEN4161/SP/(SUC*+PS*)/GRP 3		L/ECEN4111/SP		L/ECEN 4121/PRB / L/INFO 4121/UKD / L/CSEN 4121/AG / L/MATH 4121/SC	L/ECEN 4124/AMB / **L/CSEN 4126/TC** / **L/AEIE 4126/AP** / **L/AEIE 4127/SAM** / **L/CHEN 4126/SV**	L/ECEN 4142/AC / **L/ECEN 4142/ AMD** / **L/ECEN 4144/ SCH**			
THU										
FRI			L/HMTS 4101/GF3		**L/ECEN 4121/PRB** / **L/INFO 4121/DPN** / **L/CSEN 4121/AG** / **L/MATH 4121/SC**	**L/ECEN 4124/AMB** / L/CSEN 4126/TC / L/AEIE 4126/IN / L/AEIE 4127/DMG / L/CHEN 4126/SV				

To be effective from 1st October, 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, 4th YEAR, 1st SEMESTER   **SESSION: 2021-2022**

FACULTY NAMES

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

TA NAMES

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

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COURSE STRUCTURE

4th Year 1st Semester:

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

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

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

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

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

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

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

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