

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
M.TECH VLSI

SESSION: 2021-2022

2nd YEAR, 1st SEMESTER

DAY	9.00 AM – 9.55AM	9.55 AM – 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/MATH 6121/MS	L/MATH 6121/MS	Break						
TUE						L/VLSI 6132/KM	L/VLSI 6132/KM			
WED			L/VLSI 6132/AMB							
THU					L/VLSI 6125/SM					
FRI	L/VLSI 6125/SM	L/VLSI 6125/SM			L/MATH 6121/DC					

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

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FACULTY NAMES

Faculty names	Initials	Department
Prof. Amrita Banerjee	AMB	ECE
Prof.(Dr.) Kasturi Mukherjee	KM	ECE
Prof.(Dr.) Susovan Mandal	SM	ECE
Prof.(Dr.) Dipankar Chakraborty	DC	Mathematics
Prof. Moulipriya Sarkar	MS	Mathematics

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COURSE STRUCTURE

2nd Year, Semester I

A. Theory								
Sl. No.	Course Type	Code	Course Title	Contact Hours/Week				Credits
				L	T	P	Total	
1	Professional Elective PE-5	VLSI6131	Nano materials and Nano Technology	3	0	0	3	3
		VLSI6132	RF IC Design and MEMS					
2	Open Elective	MATH6121	Optimization Techniques	3	0	0	3	3
		CSEN6121	Business Analytics					
		ECEN 6125	Design and Technology for Photonic Integrated Circuit					
		AEIE6123	Intelligent Control					
Total of Theory				6	0	0	6	6
B. Sessional								
1	Dissertation	VLSI6195	Dissertation Phase I	0	0	20	20	10
Total of Semester				6	0	20	26	16

OPEN ELECTIVES TO BE OFFERED BY ECE DEPARTMENT (3rd Semester):

Open Elective	ECEN6121	Ad Hoc Networks and Uses	3	0	0	3	3
	ECEN6122	Embedded Systems					
	ECEN6123	Cognitive Radios					
	ECEN6124	Automation in VLSI Design					

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