

Department of Electronics & Communication Engineering Indian Institute of Technology Roorkee

Autumn 2021

B. Tech. 1st Year ECE

	Monday		Tuesday		Wednesday		Thursday	Friday	
8.00- 8.55								L HSN 001 B	
9.00-9.55					T MAN 001 (O7)	T MAN 001 (O8)			
10.00-10.55			T PHN 005 (O5)	T PHN 005 (O6)				T MAN 001 (O5)	T MAN 001 (O6)
								T PHN 005 (O7)	T PHN 005 (O8)
11-05-12.00	T HSN 002 (O5)	T HSN 002 (O6)							
12.05-1.00	T HSN 002 (O7)	T HSN 002 (O8)							
1.00-2.00									
2.00-2.55	L CEN 105		L CEN 105		L CSN 103		L CEN 105		L CSN 103
3.00-3.55	L MAN 001		L CSN 103		L MAN 001		L PHN 005		L MAN 001
4.05-5.00	L ECN 101		L PHN 005				L HSN 002 Batches: 3-4		L PHN 005
5.05-6.00			L HSN 001A						L ECN 101
6.05-7.00									

ECN-101 Introduction to ECE

Prof. V. S. Poonia / Prof. D. Ghosh

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B. Tech. 2nd Year ECE

	Monday	Tuesday	Wednesday	Thursday	Friday
8.00-8.55		L HSSMEC HSN-01 Batch-3		L HSSMEC HSN-01 Batch-3	
9.00-9.55	L MIN-108	L MIN-108			
10.00-10.55	L ECN-207	L ECN-203	L ECN-207	L ECN-203	L ECN-203
11.05-12.00	L ECN-242		L ECN-242	L ECN-207	L ECN-242
12.05-1.00	L ECN-291	L ECN-291		L ECN-291	
1.00-2.00					
2.00-2.55	P ECN-242 (O5+O6)	P ECN-242 (O7+O8)	T ECN-207 (O5+O7)	T ECN-207 (O6+O8)	P MIN-108 (O7, O8)
3.00-3.55			T ECN-203 (O6+O8)	T ECN-203 (O5+O7)	
			T ECN-291 (O5+O7)	T ECN-242 (O5+O7)	
			T ECN-242 (O6+O8)	T ECN-291 (O6+O8)	
4.05-5.00	T HSSMEC (O7+O8)	P MIN-108 (O5, O6)		P MIN-108 (O5, O6)	
5.05-6.00	T HSSMEC (O5+O6)				

ECN-203 Signals & Systems

ECN-242 Semiconductor Devices

ECN-291 Electronic Network Theory

ECN-207 Computer Architecture and organization

MIN-108 Mechanical Engineering Drawing

Prof. V. Pankajakshan

**Prof. Tanmoy Pramanik (Lab -
Prof. SM and Prof. VSP)**

Prof. A. Datta

Prof. S. Mittal

Prof. AK / Prof. DKS

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B. Tech. 3rd Year ECE

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00-9.55					
10.00-10.55	T CSN-341 (O5+O6) T ECN-DEC1 (O5+O6)	T CSN-341 (O7+O8) T ECN-DEC1 (O7+O8)	L ECN-351	P ECN-341	
11.05-12.00	T ECN-311 (O5+O6)	P ECN-351 (O7+O8)	P ECN-351 (O5+O6)		
12.05-1.00	T ECN-311 (O7+O8)				
1.00-2.00					
2.00-2.55	L ECN-331	L ECN-331	L EC-333	L ECN-331	L ECN-333
3.00-3.55	L CSN-341* L ECN-DEC1*	L ECN-333	L CSN-341* L ECN-DEC1*	L ECN-311	L CSN-341* L ECN-DEC1*
4.05-5.00		L ECN-311			L ECN-311
5.05-6.00					
6.00-7.00	L M-Elec	L M-Elec		L M-Elec	

*Departmental elective courses (DEC-1): ECN-316/ECN-359/ECN-3xx/ECN-3xx/CSN-341

ECN-311	Principles of Digital Communication	Prof. Anshul Jaiswal
ECN-331	Antenna Theory	Prof. A. Patnaik
ECN-333	Microwave Engineering	Prof. Nagendra P. Pathak
ECN-351	Linear IC Applications lab	Prof. S. Manhas
ECN-341	Microelectronics Devices, Technology, Circuits Lab	Prof. A. Dasgupta/ Prof. T. Pramanik
M-Elec	Management Elective	
DEC-1 Departmental Elective Course-I		
ECN-316	Digital Image processing	Prof. Dheeraj Kumar

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ECN-359	Compound Semiconductor Devices and Circuits	Prof. B. Sarkar
ECN-3xx	Machine Learning in Semiconductor Manufacturing	Prof. Brijesh Kumar
ECN-3xx	Electronics Subsystems	Prof. A. Bulusu
CSN-341	Computer Networks	Prof. Rajdeep Niyogi

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B. Tech. 4th Yr ECE

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00-9.55					
10.00-10.55					
11.05-12.00					
12.05-1.00					
1.00-2.00					
2.00-2.55					
3.00-3.55	T ECN-499	T ECN-499			
4.05-5.00					
5.05-6.00					

ECN-499 Training Seminar

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M.Tech. 1st Yr Communication Systems

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00-9.55					
10.00-10.55	L ECN-511	L ECN-515	L ECN-511	L ECN-515	L ECN-515
11.05-12.00	L ECN-5xxa	L ECN-5xxb	L ECN-5xxa	L ECN-511	L ECN-5xxa
12.05-1.00			L ECN-5xxb		L ECN-5xxb
1.00-2.00					
2.00-2.55					
3.00-3.55		P ECN-510		T ECN-515	T ECN-5xxb
4.05-5.00				T ECN-5xxa	T ECN-511
5.05-6.00					

ECN-510	Digital Communication Laboratory	Prof. M. Rawat/ Prof. P. M. Pradhan
ECN-511	Linear Algebra and Random Processes	Prof. Abhay Kumar Sah
ECN-515	Information and Coding Theory	Prof. A. Tyagi
ECN-5xxa	Wireless Communication Systems	Prof. E. Sharma
ECN-5xxb	Digital communication and signal processing techniques	Prof. M. Rawat/ Prof. P. M. Pradhan

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M.Tech. 1st Yr RF & Microwave Engineering

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00-9.55					
10.00-10.55	L ECN-544	L ECN-531	L ECN-544	L ECN-531	L ECN-531
11.05-12.00	L ECN-554	L ECN-532	L ECN-554	L ECN-544	L ECN-554
12.05-1.00	L ECN-542	L ECN-542	L ECN-532	L ECN-542	L ECN-532
1.00-2.00					
2.00-2.55					
3.00-3.55		P ECN-530			T ECN-544
4.05-5.00				T ECN-542	
5.05-6.00					

EC-530 Microwave Lab

EC-531 Microwave Engineering

EC-532 Advanced EMFT

EC-542 Microwave Integrated Circuits

EC-544 Advanced Radar Engineering

EC-554 Microwave and Millimeter Wave Circuits

Prof D. Bhatt/ Prof. D. Kundu

Prof. A. Mohan

Prof. R. K. Panigrahi

Prof. Karun Rawat

Prof. D. Singh

Prof. D. Bhatt

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M. Tech. 1st Yr VLSI

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00-9.55					
10.00-10.55	L ECN-573	L ECN-581	L ECN-573	L ECN-581	L ECN-581
11.05-12.00	L ECN-579	L ECN-578	L ECN-579	L ECN-573	L ECN-579
12.05-1.00	L ECN-525	L ECN-525	L ECN-578	L ECN-525	L ECN-578
1.00-2.00					
2.00-2.55					
3.00-3.55	T ECN-573	P ECN- 575		P ECN-576	T ECN-581
4.05-5.00	T ECN-579				T ECN-578
5.05-6.00					T ECN-525

ECN-525	Hardware Architecture for Deep Learning	Prof. S. Mittal
ECN-573	Digital VLSI Circuit Design	Prof. S. Dasgupta
ECN-579	Foundations of Semiconductor Device Physics	Prof. B. Sarkar/ Prof. A. Dasgupta
ECN-581	Analog VLSI Design	Prof. S. Roy
ECN-575	Microelectronics Lab 1	Prof. B. Sarkar
ECN-576	Simulations Lab 1	Prof. S. Dasgupta/ Prof. A. Bulusu
ECN-578	Digital System Design	Prof. B. P. Das

**Department of Electronics & Communication Engineering
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Autumn 2021

B. Tech. 2nd Year CSE

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00-9.55					
10.00-10.55					
11.05-12.00	L ECN-203		L ECN-203		L ECN-203
12.05-1.00					
1.00-2.00					
2.00-2.55			T ECN-203 (O1+O2)	T ECN-203 (O3+O4)	
3.00-3.55					
4.05-5.00					
5.05-6.00					

ECN-203 Signals & Systems

Prof. S. Khanna, Prof. D. Ghosh