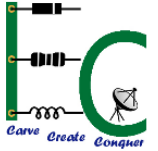




**THE NATIONAL INSTITUTE OF ENGINEERING**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

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**2020-21**

*Courses focusing on employability, entrepreneurship and skill development*

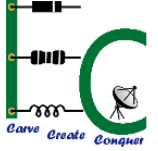
Sl. No	Course Code	Subject	
1	MA3C02	Basic mathematics	<i>Employability</i>
2	EC3L01	Analog CMOS IC-1 Lab	
4	EC3L02	Digital system design lab	
5	MA4C02	Applied Mathematics-1	
6	EC4C01	Analog CMOS IC-2	
7	EC4C02	Arm processors	
8	EC4C03	Operating systems	
9	EC4C04	Electromagnetic field theory	
10	EC4C05	Signals and systems	
11	EC4L01	Analog CMOS IC-2 Lab	
12	EC4L02	Arm processor lab	
13	EC5C01	Digital signal processing	
14	EC5C02	Digital design using verilog	
15	EC5C03	Analog and digital communication	
16	EC5C04	Control systems	
17	EC5L01	Communication lab	
18	EC5L02	Digital signal processing lab	
19	EC5V04	Linear algebra	
20	EC6C01	CMOS VLSI Design	
21	EC6C02	Communication system and coding theory	
22	EC6C03	Communication networks	
23	EC6C04	Embedded systems	
24	EC6L01	Communication network laboratory	
25	EC6L02	CMOS VLSI Laboratory	
26	EC6E102	Digital image processing	
27	EC6E103	Neural networks	
28	EC0413	Wireless communication	
29	EC0414	Communication networks	
30	EC0509	CMOS VLSI Circuit	
31	EC0411	Microwave and radar	
32	EC0306	Satellite communication	
33	EC0413	Wireless communication	
34	EC0414	Communication networks	



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35	EC0509	CMOS VLSI Circuit	
36	EC0411	Microwave and radar	
37	ECO316	Multimedia communication	
38	EC0312	Micro Electronics	
39	EC0328	Bio medical instrumentation	
40	EC0329	System verilog	
41	EC0330	IOT applications	
10	Management	CIPE	<i>Entrepreneurship</i>
11	HS3KV1	Adalitha kannada	
12	HS4C02	Environmental studies	
13	EC5C01	Digital signal processing	
14	EC5C06	Engineering Management	
15	EC5V03	Managerial economics	
16	EC6E101	Bioinformatics	
17	EC0111	E-Waste management	
18	EC0304	Project work	
15	EC3C01	Analog CMOS IC-1	<i>Skill development</i>
16	EC3C02	Digital system design	
17	EC3C03	Computer architecture	
18	EC3C04	Network analysis	
19	EC3C05	Data structure using C++	
20	EC5M01	Joy of computing with python	
21	EC5M02	Digital VLSI Testing	
22	EC5V01	Robotics	
23	EC5V02	Scientific computing using mat lab	
24	EC6E104	Internet of things	
25	EC0304	Project work	

**Signature of the HOD**