

Jaipur Engg. College and Research Centre.

Electronics and Communication Deptt.

Sub names and Code with NPTEL Links

S. No	Sem	Course Name	Code	NPTEL Link
1	3th sem	Advanced Engineering Mathematics-I	3EC2-01	https://nptel.ac.in/courses/111/105/111105035/
2		Technical Communication	3EC1-02	https://nptel.ac.in/courses/109/104/109104031/ https://nptel.ac.in/courses/109/106/109106094/
		Managerial Economics and Financial Accounting	3EC1-03	https://nptel.ac.in/courses/110/101/110101005/ https://nptel.ac.in/courses/110/106/110106147/
3		Digital System Design	3EC4-04	https://nptel.ac.in/courses/117/105/117105080/ https://nptel.ac.in/courses/108/106/108106177/
4		Signal & Systems	3EC4-05	https://nptel.ac.in/courses/117/104/117104074/ https://nptel.ac.in/courses/108/106/108106163/
5		Network Theory	3EC4-06	https://nptel.ac.in/courses/108/102/108102042/ https://nptel.ac.in/courses/108/105/108105159/
6		Electronics Devices	3EC4-07	https://nptel.ac.in/courses/117/102/117102061/ https://nptel.ac.in/courses/117/106/117106091/
7	4 th sem	Advanced Engineering Mathematics-II	4EC2-01	https://nptel.ac.in/courses/111/105/111105035/
8		Managerial Economics and Financial Accounting	4EC1-03	https://nptel.ac.in/courses/110/101/110101005/ https://nptel.ac.in/courses/110/106/110106147/
		Technical Communication	4EC1-02	https://nptel.ac.in/courses/109/104/109104031/ https://nptel.ac.in/courses/109/106/109106094/
9		Analog Circuits	4EC4-04	https://nptel.ac.in/courses/108/101/108101094/ https://nptel.ac.in/courses/108/106/108106084/ https://nptel.ac.in/courses/117/107/117107094/
10		Microcontrollers	4EC4-05	https://nptel.ac.in/courses/108/105/108105102/ https://nptel.ac.in/courses/117/104/117104072/ https://nptel.ac.in/courses/106/108/106108100/
11		Electronics Measurement & Instrumentation	4EC4-06	https://nptel.ac.in/courses/108/105/108105153/
12		Analog and Digital Communication	4EC4-07	https://nptel.ac.in/courses/117/105/117105143/ https://nptel.ac.in/courses/108/102/108102120/ https://nptel.ac.in/courses/108/102/108102096/
13	5 th sem	Computer Architecture	5EC 3-01	https://nptel.ac.in/courses/106/102/106102062/

14		Electromagnetic Waves	5EC 4-02	https://nptel.ac.in/courses/108/106/108106073/
		Control system	5EC 4-03	https://nptel.ac.in/courses/108/106/108106098/
15		Digital Signal Processing	5EC 4-04	https://nptel.ac.in/courses/108/105/108105055/
16		Microwave Theory & Techniques	5EC 4-05	https://nptel.ac.in/courses/108/101/108101112/
17		Satellite Communication	5EC 5-14	https://nptel.ac.in/courses/117/105/117105131/
18	6 th sem	Power Electronics	6EC 3-01	https://nptel.ac.in/courses/108/105/108105066/
19		Computer Network	6EC 4-02	https://nptel.ac.in/courses/106/105/106105183/
20		Fiber Optics Communications	6EC 4-03	https://nptel.ac.in/courses/108/106/108106167/
21		Antennas and Propagation	6EC 4-04	https://nptel.ac.in/courses/108/101/108101092/
22		Information theory and coding	6EC 4-05	https://nptel.ac.in/courses/108/102/108102117/
23		Introduction to MEMS	6EC 5-11	https://nptel.ac.in/courses/117/105/117105082/
24	7 th sem	Mixed Signal Design	7EC5-12	https://freevidelectures.com/course/3676/cmos-mixed-signal-vlsi-design https://nptel.ac.in/courses/108/104/108104100/
		Environmental Engineering and Disaster Management	7AG6-60.2	https://nptel.ac.in/courses/127/105/127105018/ https://nptel.ac.in/courses/120/108/120108004/
25	8 th sem	Digital Image and Video Processing	8EC5-12	https://nptel.ac.in/courses/117/105/117105079/ http://www.nptelvideos.in/2012/12/digital-image-processing.html http://www.nptelvideos.com/course.php?id=541
		Experimental Stress Analysis	8MI6-60.1	https://nptel.ac.in/courses/112/106/112106068/ https://nptel.ac.in/noc/courses/noc18/SEM1/noc18-me39/