

**POOL of online courses from NPTEL/ SWAYAM from which student may choose for obtain honours degree to earn extra 20 credits  
maximum six credit per semester**

	Course ID	Discipline	Course Name	SME Name	Duration	Start date	End date	Exam date
III yr	1. noc24-ee17	Electrical and Electronics Engineering	Digital System Design	Prof. Neeraj Goel	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024
III yr	2. noc24-ee13	Electrical and Electronics Engineering	Analog Ic Design	Prof. Aniruddhan S	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024
III yr	3. noc24-ee14	Electrical and Electronics Engineering	Circuit Analysis for Analog Designers	Prof. Shanthi Pavan	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 28, 2024
III yr	4. noc24-ee27	Electrical and Electronics Engineering	Semiconductor device modeling and Simulation	Prof. Vivek Dixit	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024
III yr	5. noc24-ee15	Electrical and Electronics Engineering	Control engineering	Prof. Ramkrishna Pasumarthy	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024
III yr	6. noc24-ee26	Electrical and Electronics Engineering	RF and Microwave Networks	Prof. Bratin Ghosh	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024
III yr	7. noc24-ee43	Electrical and Electronics Engineering	Digital IC Design	Prof. Janakiraman	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024
III yr	8. noc24-ee44	Electrical and Electronics Engineering	Design and Analysis of VLSI Subsystems	Prof. Madhav Rao	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024
III yr	9. noc24-ee65	Electrical and Electronics Engineering	Control System Design	Prof. G.R. Jayanth	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 27, 2024
IV yr	10. noc24-ee83	Electrical and Electronics Engineering	VLSI Signal Processing	Prof. Mrityunjoy Chakraborty	8 Weeks	Jan 22, 2024	Mar 15, 2024	Mar 24, 2024
IV yr	11. noc24-ee68	Electrical and Electronics Engineering	Embedded Sensing, Actuation and Interfacing Systems	Prof. Banibrata Mukherjee	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 28, 2024
IV yr	12. noc24-ee69	Electrical and Electronics Engineering	Basics of Semiconductor Microwave Devices	Prof. Dighijoy N Nath	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024
IV yr	13. noc24-ee72	Electrical and Electronics Engineering	Fundamentals Of MIMO Wireless Communication	Prof. Suvra Sekhar Das	8 Weeks	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024
IV yr	14. noc24-ee74	Electrical and Electronics Engineering	Millimeter Wave Technology	Prof. Mrinal Kanti Mandal	8 Weeks	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024
IV yr	15. noc24-ee75	Electrical and Electronics Engineering	RF Transceiver Design	Prof. Darshak Bhatt	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024
IV yr	16. noc24-ee76	Electrical and Electronics Engineering	Signal Processing Techniques and its Applications	Prof. Shyamal Das Mandal	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024
IV yr	17. noc24-ee77	Electrical and Electronics Engineering	VLSI Physical Design with Timing Analysis	Prof. Bishnu Prasad Das	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024
IV yr	18. noc24-ee04	Electrical and Electronics Engineering	Deep Learning	Prof. Prabir Kumar Biswas	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 27, 2024
IV yr	19. noc24-ee20	Electrical and Electronics Engineering	Microwave Integrated Circuits	Prof. Jayanta Mukherjee	8 Weeks	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024
IV yr	20. noc24-ee22	Electrical and Electronics Engineering	Multirate DSP	Prof. R. David Koilpillai	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024
IV yr	21. noc24-ee54	Electrical and Electronics Engineering	Evolution Of Air Interface Towards 5G	Prof. Suvra Sekhar Das	8 Weeks	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024
IV yr	22. noc24-ee59	Electrical and Electronics Engineering	Optical Wireless Communications for Beyond 5G Network	Prof. Anand Srivastava	12 Weeks	Jan 22, 2024	Apr 12, 2024	Apr 20, 2024