

List of NPTEL – SWAYAM Online Courses for the Even Semester of 2020 – 21

Sr No	Course Name (NPTEL – Swayam course)	SME Name	Institute	Duration	Course link
1.	The Joy of Computing using Python	Prof. Sudarshan Iyengar Prof. Yayati Gupta	IIT Ropar	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_cs32/preview?
2.	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIIT Delhi	8 Weeks	https://onlinecourses.nptel.ac.in/noc21_cs28/preview?
3.	Introduction to Soft Computing	Prof. Debasis Samanta	IIT KGP	8 Weeks	https://onlinecourses.nptel.ac.in/noc21_cs11/preview?
4.	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Sudip Misra	IIT KGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_cs20/preview?
5.	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12 weeks	https://onlinecourses.nptel.ac.in/noc21_cs25/preview
6.	Enhancing Soft Skills and Personality	Prof. T. Ravichandran	IITK	8 Weeks	https://onlinecourses.nptel.ac.in/noc21_cs50/preview?
7.	User-centric Computing for Human-Computer Interaction	Prof. Samit Bhattacharya	IITG	8 Weeks	https://onlinecourses.nptel.ac.in/noc21_cs50/preview?
8.	Intellectual Property	Prof. Feroz Ali	IITM	12 Weeks	https://nptel.ac.in/courses/109/106/109106137/
9.	Deep Learning - IITKGP	Prof. Prabir Kumar Biswas	IIT KGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_cs05/preview?
10.	Strategic Performance Management	Prof. KBL Srivastava	IIT KGP	8 Weeks	https://nptel.ac.in/courses/109/105/109105127/#
11.	Introduction to Robotics	Prof. Ashish Dutta	IITK	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_me32/preview

FACULTY OF COMPUTER ENGINEERING

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Sr No	Course Name (NPTEL – Swayam course)	SME Name	Institute	Duration	Course link
12.	Python for Data Science	Prof. Ragunathan Rengasamy	IITMadras	4 Weeks	https://onlinecourses.nptel.ac.in/noc21_cs33/preview?
13.	Sensors and Actuators	Prof. Hardik Jeetendra Pandya	IISc	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee32/preview
14.	Entrepreneurship Essentials	Prof. Manoj Kumar Mondal	IIT KGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ge06/preview?
15.	Qualitative Research Methods And Research Writing	Prof. Aradhna Malik	IIT KGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ge12/preview
16.	Animations	Dr. Abhishek Kumar & Dr. Achintya Singhal	Banaras Hindu University	15 weeks	https://onlinecourses.swayam2.ac.in/cec21_cs07/preview
17.	Social Networks	Prof. Sudarshan Iyengar	IITRopar	12 weeks	https://onlinecourses.nptel.ac.in/noc21_cs31/preview
18.	Problem solving Aspects and Python Programming	Dr.S.Malliga	Kongu Engineering College	12 weeks	https://onlinecourses.swayam2.ac.in/cec21_cs01/preview
19.	Biophotonics	Prof. Basudev Lahiri	IITKGP	12 weeks	https://onlinecourses.nptel.ac.in/noc21_ge13/preview?
20.	Matlab programming for Numerical Computation	Prof. Niket Kaisare	IIT Madras	8 weeks	https://onlinecourses.nptel.ac.in/noc21_ge10/preview?