

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Belagavi

- (i) List of NPTEL massive open online courses (MOOCs) prescribed for **BE Electrical and Electronics Engineering** programme for earning additional 18 or more credits to become eligible for the award of BE degree with Honours is as given below. The additional credits to be earned before the VIII semester CIE marks are sent to the University. As credits can be earned in a phased manner, students can select one or two courses per semester. The completed courses shall not select when they are offered by NPTEL as Rerun courses. NPTEL offers the MOOCs during the sessions Jan – June 2021, July – Dec 2021, Jan – June 2022, July – Dec 2022,
- (ii) The list is a collection of interdisciplinary courses to ensure an overall growth of students to meet the galloping technology development.
- (iii) The University shall notify additional list/s as and when NPTEL call for the enrollment to new session/s.
- (iv) In case the students are interested in courses that are not found in the list, they can proposed same well in advance through a request letter addressed to Registrar, VTU. The decision of BOS is final in this regard and is a binding by all the concerned.

Proposed list of MOOCs (NPTEL Jan 2021 Timeline) for B.E Degree Honours

Sl NO	Course id (NOC:NPTEL open course), Sl no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
1	noc21-ae01 (13) Rocket Propulsion Aerospace Engineering Prof. K. Ramamurthi Prof. V. Nagabhushana Rao, IITM	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	April 24, 2021	https://onlinecourses.nptel.ac.in/noc21_ae01/preview https://onlinecourses.nptel.ac.in/noc20_ae02/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ae02 https://nptel.ac.in/courses/101/106/101106082/
2	noc21-ch13 (62) Environmental Quality Monitoring & Analysis Chemical Engineering Prof. Ravi Krishna R, IITM	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ch13/preview https://onlinecourses.nptel.ac.in/noc20_ch01/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ch01 https://nptel.ac.in/courses/103/106/103106162/

SI NO	Course id, SI no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
3	noc21-cs12 (154) VLSI Physical Design Computer Science and Engineering Prof. Indranil Sengupta, IIT KGP	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_cs12/preview https://onlinecourses.nptel.ac.in/noc20_cs18/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-cs18 https://nptel.ac.in/courses/106/105/106105161/
4	noc21-cs14 (156) Cloud computing Computer Science and Engineering Prof. Soumya Kanti Ghosh, IIT KGP	8 Weeks	February 15, 2021	April 9, 2021	April 25, 2021	February 15, 2021	https://onlinecourses.nptel.ac.in/noc21_cs14/preview https://onlinecourses.nptel.ac.in/noc20_cs65/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-cs65 https://nptel.ac.in/courses/106/105/106105167/
5	noc21-cs17 (159) Introduction to internet of things Computer Science and Engineering Prof. Sudip Misra, IIT KGP	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_cs17/preview https://onlinecourses.nptel.ac.in/noc20_cs66/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-cs66 https://nptel.ac.in/courses/106/105/106105166/
6	noc21-cs20 (162) Introduction to Industry 4.0 and Industrial Internet of Things Computer Science and Engineering Prof. Sudip Misra,IIT KGP	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_cs20/preview https://onlinecourses.nptel.ac.in/noc20_cs69/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-cs69 https://nptel.ac.in/courses/106/105/106105195/
7	noc21-cs21 (163) Programming, Data Structures And Algorithms Using Python Computer Science and Engineering Prof. Madhavan Mukund, IITM	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_cs21/preview https://onlinecourses.nptel.ac.in/noc20_cs70/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-cs70 https://nptel.ac.in/courses/106/106/106106145/

SI NO	Course id, SI no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
12	noc21-cs33 (175) Python for Data Science Computer Science and Engineering Prof. Ragunathan Rengasamy, IITM	4 Weeks	January 18, 2021	February 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_cs33/preview https://onlinecourses.nptel.ac.in/noc20_cs80/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-cs80 https://nptel.ac.in/courses/106/106/106106212/
13	noc21-cs38 Computer Science and Engineering (180) An Introduction to Programming Through C++ Prof. Abhiram G. Ranade, IITB	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_cs38/preview https://onlinecourses.nptel.ac.in/noc20_cs53/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-cs53 https://nptel.ac.in/courses/106/101/106101208/
14	noc21-cs51 (193) Machine Learning, ML Computer Science and Engineering Prof. Carl Gustaf Jansson KTH Royal Institute of Technology, Sweden IITM	8 Weeks	February 15, 2021	April 9, 2021	April 25, 2021	February 15, 2021	https://onlinecourses.nptel.ac.in/noc21_cs51/preview https://onlinecourses.nptel.ac.in/noc20_cs49/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-cs49 https://nptel.ac.in/courses/106/106/106106202/
17	noc21-de01 (196) Product Design and Innovation Design Engineering Prof. Supradip Das, Prof.Swati Pal Prof. Debayan Dhar, IITG	4 Weeks	January 18, 2021	February 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_de01/preview https://onlinecourses.nptel.ac.in/noc20_de05/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-de05 https://nptel.ac.in/courses/107/103/107103082/

Sl NO	Course id, Sl no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
18	noc21-de03 (198) Design, Technology and Innovation Design Engineering Prof. B. K. Chakravarthy IITB	8 Weeks	February 15, 2021	April 9, 2021	April 24, 2021	February 15, 2021	https://onlinecourses.nptel.ac.in/noc21_de03/preview https://onlinecourses.nptel.ac.in/noc20_de13/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-de13 https://nptel.ac.in/courses/107/101/107101088/
19	noc21-de05 (200) Innovation by Design Design Engineering Prof. B. K. Chakravarthy IITB	4 Weeks	February 15, 2021	March 12, 2021	April 25, 2021	February 15, 2021	https://onlinecourses.nptel.ac.in/noc21_de05/preview https://onlinecourses.nptel.ac.in/noc20_de08/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-de08 https://nptel.ac.in/courses/107/101/107101086/
20	noc21-de06 (201) Understanding Design Design Engineering Prof. Nina Sabnani IITB	4 Weeks	February 15, 2021	March 12, 2021	April 24, 2021	February 15, 2021	https://onlinecourses.nptel.ac.in/noc21_de06/preview https://onlinecourses.nptel.ac.in/noc20_de09/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-de09 https://nptel.ac.in/courses/107/101/107101087/
21	noc21-ee03 (206)Recent Advances in Transmission Insulators Electrical and Electronics Engineering Prof. Subba Reddy,IISc	4 Weeks	January 18, 2021	February 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee03/preview https://onlinecourses.nptel.ac.in/noc20_ee43/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee43 https://nptel.ac.in/courses/108/108/108108116/
22	noc21-ee04 (207) Mathematical Methods and Techniques in Signal Processing Electrical and Electronics Engineering Prof. Shayan Srinivasa Garani, IISc	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee04/preview https://onlinecourses.nptel.ac.in/noc20_ee51/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee51 https://nptel.ac.in/courses/108/108/108108109/

SI NO	Course id, SI no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
23	noc21-ee11 (214)Modern digital communication techniques Electrical and Electronics Engineering Prof. Suvra Sekhar Das IIT KGP	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee11/preview https://onlinecourses- archive.nptel.ac.in/noc19_ee06 https://nptel.ac.in/noc/courses/noc19/SEM1/noc19-ee06 https://nptel.ac.in/courses/117105144/
24	noc21-ee17 (220) Biomedical Signal Processing Electrical and Electronics Engineering Prof. Sudipta Mukhopadhyay, IIT KGP	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee17/preview https://onlinecourses.nptel.ac.in/noc20_ee41/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee41 https://nptel.ac.in/courses/108/105/108105101/
25	noc21-ee22 (225)Digital IC Design Electrical and Electronics Engineering Prof. Janakiraman, IITM	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee22/preview https://onlinecourses.nptel.ac.in/noc20_ee05/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee05 https://nptel.ac.in/courses/108/106/108106158/
27	noc21-ee23 (226) Computer Vision and Image Processing - Fundamentals and Applications Electrical and Electronics Engineering Prof. M. K. Bhuyan, IITG	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee23/preview ----- ----- -----

Sl NO	Course id, Sl no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
28	noc21-ee25 (228)Power Management Integrated Circuits Electrical and Electronics Engineering Prof. Qadeer Ahmad Khan, IITM	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee25/previous https://onlinecourses.nptel.ac.in/noc20_ee08/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee08 https://nptel.ac.in/courses/108/106/108106159/
29	noc21-ee26 (229) A brief introduction of Micro - Sensors Electrical and Electronics Engineering Prof. Santanu Talukder, IISER Bhopal	4 Weeks	January 18, 2021	February 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee26/previous https://onlinecourses.nptel.ac.in/noc20_ee52/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee52 https://nptel.ac.in/courses/108/106/108106165/
30	noc21-ee27 (230) Linear Dynamical Systems Electrical and Electronics Engineering Prof. Tushar Jain IIT Mandi	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee27/previous https://onlinecourses.nptel.ac.in/noc20_ee47/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee47 https://nptel.ac.in/courses/108/106/108106164/
31	noc21-ee29 (232) High Power Multilevel Converters - Analysis, design and operational issues Electrical and Electronics Engineering Prof. Anandarup Das, IITD	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee29/previous https://onlinecourses.nptel.ac.in/noc20_ee02/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee02 https://nptel.ac.in/courses/108/102/108102157/

Sl NO	Course id, Sl no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
32	noc21-ee32 (235) Sensors and Actuators Electrical and Electronics Engineering Prof. Hardik Jeetendra Pandya, IISc	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee32/preview https://onlinecourses.nptel.ac.in/noc19_ee41/ https://nptel.ac.in/noc/courses/noc19/SEM2/noc19-ee41 https://nptel.ac.in/courses/108/108/108108147/
33	noc21-ee33 (236) Applied Linear Algebra for Signal Processing, Data Analytics and Machine Learning Electrical and Electronics Engineering Prof. Aditya K. Jagannatham, IITK	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee33/preview ---- ---- ----
34	noc21-ee38 (240) Applied Linear Algebra Electrical and Electronics Engineering Prof. Andrew Thangaraj, IITM	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee38/preview ---- ---- ----
35	noc21-ee44 (246) Statistical Signal Processing Electrical and Electronics Engineering Prof. Prabin Kumar Bora, IITG.	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee44/preview https://onlinecourses.nptel.ac.in/noc20_ee53/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee53 https://nptel.ac.in/courses/108/103/108103158/
36	noc21-ee46 (248) Electronics Enclosures Thermal issues Electrical and Electronics Engineering Prof. N. V. Chalapathi Rao, IISc.	8 Weeks	February 15, 2021	April 9, 2021	April 24, 2021	February 15, 2021	https://onlinecourses.nptel.ac.in/noc21_ee46/preview https://onlinecourses- archive.nptel.ac.in/noc18_ec08 https://nptel.ac.in/noc/courses/noc18/SEM1/noc18-ec08 https://nptel.ac.in/courses/108108110/

SI NO	Course id, SI no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
37	noc21-ee49 (251) Fuzzy Sets, Logic and Systems and Applications Electrical and Electronics Engineering Prof. Nishchal Kumar Verma,IITK	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee49/preview https://onlinecourses.nptel.ac.in/noc20_ee03/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee03 https://nptel.ac.in/courses/108/104/108104157/
38	noc21-ee50 (252) Nonlinear and Adaptive Control Electrical and Electronics Engineering Prof. Shubhendu Bhasin, IITD	4 Weeks	January 18, 2021	February 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee50/preview https://onlinecourses.nptel.ac.in/noc20_ee19/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee19 https://nptel.ac.in/courses/108/102/108102113/
39	noc21-ee53 (255) Transmission lines and electromagnetic waves Electrical and Electronics Engineering Prof. Ananth Krishnan, IITM	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee53/preview https://onlinecourses.nptel.ac.in/noc20_ee04/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee04 https://nptel.ac.in/courses/108/106/108106157/
40	noc21-ee56 (259) Power Quality Improvement Technique Electrical and Electronics Engineering Prof. Avik Bhattacharya IITR	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_ee56/preview https://onlinecourses.nptel.ac.in/noc20_ee10/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-ee10 https://nptel.ac.in/courses/108/107/108107157/

SI NO	Course id, SI no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
41	noc21-hs02 (261) Enhancing Soft Skills and Personality Humanities and Social Sciences Prof. T. Ravichandran IITK	8 Weeks	February 15, 2021	April 9, 2021	April 24, 2021	February 15, 2021	https://onlinecourses.nptel.ac.in/noc21_hs02/preview https://onlinecourses.nptel.ac.in/noc20_hs10/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-hs10 https://nptel.ac.in/courses/109/104/109104115/
42	noc21-hs04 (263) Emotional Intelligence Humanities and Social Sciences Prof. Rabindra Kumar Pradhan IIT KGP	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs04/preview https://onlinecourses.nptel.ac.in/noc20_hs13/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-hs13 https://nptel.ac.in/courses/109/105/109105116/
43	noc21-hs05 (264) Speaking Effectively Humanities and Social Sciences Prof. Anjali Gera Roy IIT KGP	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs05/preview https://onlinecourses.nptel.ac.in/noc20_hs14/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-hs14 https://nptel.ac.in/courses/109/105/109105117/
44	noc21-hs07 (266) Soft Skill Development Humanities and Social Sciences Prof. Priyadarshi Patnaik, Prof. V. N. Giri, Prof. D. Suar IIT KGP	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs07/preview https://onlinecourses.nptel.ac.in/noc20_hs16/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-hs16 https://nptel.ac.in/courses/109/105/109105110/
45	noc21-hs11 (270) Language and Mind Humanities and Social Sciences Prof. Rajesh Kumar IITM	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs11/preview https://onlinecourses.nptel.ac.in/noc20_hs22/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-hs22 https://nptel.ac.in/courses/109/106/109106085/

SI NO	Course id, SI no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
46	noc21-hs16 (275) English language for competitive exams Humanities and Social Sciences Prof. Aysha Iqbal IITM	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs16/preview https://onlinecourses.nptel.ac.in/noc20_hs19/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-hs19 https://nptel.ac.in/courses/109/106/109106116/
47	noc21-hs21 (280) Human Behaviour Humanities and Social Sciences Prof. Naveen Kashyap IITG	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs21/preview https://onlinecourses.nptel.ac.in/noc20_hs28/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-hs28 https://nptel.ac.in/courses/109/103/109103142/
48	noc21-hs22 (281) Introduction to Cognitive Psychology Humanities and Social Sciences Prof. Naveen Kashyap, IITG	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs22/preview https://onlinecourses.nptel.ac.in/noc20_hs29/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-hs29 https://nptel.ac.in/courses/109/103/109103134/
49	noc21-hs29 (288) Psychology of Stress, Health and Well-being Humanities and Social Sciences Prof. Dilwar Hussain, IITG.	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs29/preview ---- ---- ----
50	noc21-hs30 (289) German - I Humanities and Social Sciences Prof. Milind Brahme, IITM	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs30/preview https://onlinecourses.nptel.ac.in/noc20_hs87/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-hs87 https://nptel.ac.in/courses/109/106/109106166/

SI NO	Course id, SI no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
51	noc21-hs31 (290) German - II Humanities and Social Sciences Prof. Milind Brahme, IITM	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs31/previous https://onlinecourses.nptel.ac.in/noc20_hs88/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-hs88 https://nptel.ac.in/courses/109/106/109106165/
		This course is also scheduled in the Tentative Course List - July - Dec 2021. Those who opt for German -1 during Jan –July 2021 can enrol for German – II during July - Dec 2021.					
52	noc21-hs39 (297) Applied Statistics and Econometrics Humanities and Social Sciences Prof. Deep Mukherjee, IITK	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs39/previous ---- ---- ----
53	noc21-hs44 (302) Effective Writing Humanities and Social Sciences Prof. Binod Mishra, IITR	4 Weeks	January 18, 2021	February 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs44/previous https://onlinecourses.nptel.ac.in/noc20_hs06/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-hs06 https://nptel.ac.in/courses/109/107/109107172/
54	noc21-hs50 (308) Introduction to Environmental Economics Humanities and Social Sciences Prof. Diptimayee Nayak Prof. S. P. Singh, IITR	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs50/previous https://onlinecourses.nptel.ac.in/noc20_hs02/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-hs02 https://nptel.ac.in/courses/109/107/109107171/
55	noc21-hs52 (310) An Introduction to Microeconomics Humanities and Social Sciences Prof. Vimal Kumar, IITK	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_hs52/previous https://onlinecourses-archive.nptel.ac.in/noc19_hs28 https://nptel.ac.in/noc/courses/noc19/SEM1/noc19-hs28 https://nptel.ac.in/courses/109104125/

SI NO	Course id, SI no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
56	noc21-mg04 (317) Design Thinking - A Primer Management Prof. Ashwin Mahalingam Prof. Bala Ramadurai, IITM	4 Weeks	February 15, 2021	March 12, 2021	April 24, 2021	February 15, 2021	https://onlinecourses.nptel.ac.in/noc21_mg04/preview https://onlinecourses.nptel.ac.in/noc20_mg38/ https://nptel.ac.in/noc/courses/noc20/SEM2/noc20-mg38 https://nptel.ac.in/courses/110/106/110106124/
57	noc21-mg05 (318) Financial Statement Analysis and Reporting Management Prof. Anil K. Sharma, IITR	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_mg05/preview https://onlinecourses.nptel.ac.in/noc20_mg22/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-mg22 https://nptel.ac.in/courses/110/107/110107073/
58	noc21-mg07 (320) Business Statistics Management Prof. Mukesh Kumar Barua, IITR	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_mg07/preview https://onlinecourses.nptel.ac.in/noc20_mg23/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-mg23 https://nptel.ac.in/courses/110/107/110107114/
59	noc21-mg17 (330) Engineering Econometrics Management Prof. Rudra P Pradhan IIT KGP	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_mg17/preview https://onlinecourses.nptel.ac.in/noc20_mg21/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-mg21 https://nptel.ac.in/courses/110/105/110105093/
60	noc21-mg21 (334) Principles of Human Resource Management Management Prof. Aradhna Malik IIT KGP	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_mg21/preview https://onlinecourses.nptel.ac.in/noc20_mg15/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-mg15 https://nptel.ac.in/courses/110/105/110105069/

SI NO	Course id, SI no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
61	noc21-mg30 (343) Principles of Management Management Prof. Usha Lenka,IITR	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_mg30/preview ---- ---- ----
62	noc21-mg46 (358) Business Ethics Management Prof. Susmita Mukhopadhyay IIT KGP	12 Weeks	January 18, 2021	April 9, 2021	April 24, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_mg46/preview https://onlinecourses-archive.nptel.ac.in/noc17_mg03 https://nptel.ac.in/noc/courses/noc17/SEM1/noc17-mg03 https://nptel.ac.in/courses/110105079/
63	noc21-me32 (426) Introduction to Robotics Mechanical Engineering Prof. Ashish Dutta, IITK	12 Weeks	January 18, 2021	April 9, 2021	April 25, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_me32/preview ---- ---- ----
64	noc21-me49 (443) Robotics and Control : Theory and Practice Mechanical Engineering Prof. N. Sukavanam Prof. M. Felix Orlando IITR	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_me49/preview https://onlinecourses.nptel.ac.in/noc20_me03/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-me03 https://nptel.ac.in/courses/112/107/112107289/

SI NO	Course id, SI no of course and its Name, Discipline, SME (Subject Matter Expert) name and Institute	Duration	Start date	End date	Exam date	Enrolment End date	(i) Click here to join the course. (ii) Old course URL (iii) NOC (NPTEL Open Course) URL. (iv) NPTEL URL.
65	noc21-mm03 (466) Fundamentals Of Electronic Materials and Devices Metallurgical and Materials Engineering Prof. Parasuraman Swaminathan IITM	8 Weeks	January 18, 2021	March 12, 2021	March 21, 2021	January 25, 2021	https://onlinecourses.nptel.ac.in/noc21_mm03/preview https://onlinecourses.nptel.ac.in/noc20_mm02/ https://nptel.ac.in/noc/courses/noc20/SEM1/noc20-mm02 https://nptel.ac.in/courses/113/106/113106065/

