

VISVESVARAYA TECHNOLOGY UNIVERSITY, BELAGAVI

Third list of MOOCs for B.E Degree (Honours) in Electrical and Electronics Engineering

(Applicable 2018 scheme students)

Jan 2022 Timelines

Note

Please note that this is a tentative course list for the upcoming semester.

There may be addition and deletion of courses.

Particulars	4 weeks - set 1	8 weeks - set 1	12 weeks	4 weeks -set 2	8 weeks -set 2
Start of course	Jan 24, 2022	Jan 24, 2022	Jan 24, 2022	Feb 21, 2022	Feb 21, 2022
End of course	Feb 18, 2022	Mar 18, 2022	Apr 15, 2022	Mar 18, 2022	Apr 15, 2022
Exam dates -1	Mar 27, 2022 2 Sessions on each date 9am-12 noon; 2pm-5pm		April 23/24, 2022 2 Sessions on each date 9am-12 noon; 2pm-5pm		
Open enrollment to the course	Nov 14, 2021				
Close enrollment to the course	Jan 31, 2022 5pm			Feb 21, 2022 5pm	
Open exam registration form	Yet to be decided				
Close exam registration form	Feb 14, 2022 5pm / Feb 18, 2022 5pm		March 14, 2022 5pm / March 18, 2022 5pm		



VISVESVARAYA TECHNOLOGICAL UNIVERSITY Belagavi

(i) Third 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 (18 or more) earned be sent to the University along with the CIE marks of VIII semester. The registered and completed courses shall not be selected when they are offered by NPTEL as Rerun courses.

(ii) The list is a collection of interdisciplinary courses to ensure an overall growth of students to meet the galloping technology development.

(iii) Credits prescribed by VTU for completed NPTEL courses by appearing for proctored examination: 12 weeks course: 03, 08 weeks course: 02 and 4 weeks course: 01.

(iv) In case, students are interested in courses that are not found in the following list, they can propose the 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.

Third list of MOOCs (NPTEL Jan 2022 Timeline) for B.E Degree Honours in Electrical and Electronics Engineering

Sl No	Serial number of the course in the Tentative Course List of NPTEL and Course Id (NOC: NPTEL open course) Discipline Course Name SME (Subject Matter Expert) Name and Institute	Duration Type of course	Course Start date	Course End date	Course Exam date	Enrollment End date
1	noc22-ae04 Aerospace engineering Computational Science in Engineering Prof. Ashoke De IITK	8 Weeks	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022
2	noc22-bt14 Biotechnology and Bioengineering Demystifying The Brain Prof. Srinivas Chakravarthy, IITM	4 Weeks	January 24, 2022	February 18, 2022	March 27, 2022	January 31, 2022
3	noc22-bt17 Biotechnology and Bioengineering Basics of Biology Prof. Vishal Trivedi, IITG	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
4	noc22-ch05 Chemical Engineering Waste to Energy Conversion Prof. P. Mondal, IITR	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
5	noc22-ch17 Chemical Engineering Electrochemical Technology in Pollution Control Prof. J. R. Mudakavi, IISc	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022

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6	noc22-ce17 Civil Engineering Electronic Waste Management - Issues And Challenges Prof. Brajesh Kumar Dubey, IITKGP	4 Weeks	January 24, 2022	February 18, 2022	March 27, 2022	January 31, 2022
7	noc22-ce22 Civil Engineering Air pollution and Control Prof. Bholu Ram Gurjar, IITR	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
8	noc22-ce43 Civil Engineering Natural Hazards Prof. Javed N. Malik, IITK	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
9	noc22-cs08 Computer Science and Engineering Data Analytics with Python Prof. A. Ramesh, IITR	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
10	noc22-cs10 Computer Science and Engineering Advanced Computer Architecture Prof. John Jose, IITG	8 Weeks	February 21, 2022	April 15, 2022	April 24, 2022	February 21, 2022
11	noc22-cs11 Computer Science and Engineering Data Mining Prof. Pabitra Mitra, IITKGP	8 Weeks	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022
12	noc22-cs12 Computer Science and Engineering Software Testing Prof. Rajib Mall, IITKGP	4 Weeks	January 24, 2022	February 18, 2022	March 27, 2022	January 31, 2022
13	noc22-cs13 Computer Science and Engineering Ethical Hacking Prof. Indranil Sengupta, IITKGP	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
14	noc22-cs24 Computer Science and Engineering Machine Learning, ML Prof. Carl Gustaf Jansson, Prof. Henrik Boström Prof. Fredrik Kilander, KTH Royal Institute of Technology, Sweden, IITM	8 Weeks	February 21, 2022	April 15, 2022	April 24, 2022	February 21, 2022
15	noc22-cs26 Computer Science and Engineering Programming, Data Structures And Algorithms Using Python Prof. Madhavan Mukund, CMI, IITM	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022

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16	noc22-cs27 Computer Science and Engineering Design and analysis of algorithms Prof. Madhavan Mukund, CMI, IITM	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
17	noc22-cs28 Computer Science and Engineering Data Science for Engineers Prof. Ragnathan Rengasamy Prof. Shankar Narasimhan, IITM	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
18	noc22-cs29 Computer Science and Engineering Introduction to Machine Learning Prof. Balaraman Ravindran, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
19	noc22-cs32 Computer Science and Engineering Python for Data Science Prof. Ragnathan Rengasamy, IITM	4 Weeks	January 24, 2022	February 18, 2022	March 27, 2022	January 31, 2022
20	noc22-cs34 Computer Science and Engineering Reinforcement Learning Prof. Balaraman Ravindran, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
21	noc22-cs40 Computer Science and Engineering Introduction To Programming In C Prof. Satyadev Nandakumar, IITK	8 Weeks	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022
22	noc22-cs44 Computer Science and Engineering Blockchain and its Applications Prof. Sandip Chakraborty, Prof. Shamik Sural, IITKGP	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
23	noc22-cs47 Computer Science and Engineering Programming In Java Prof. Debasis Samanta, IITKGP	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
24	noc22-cs51 Computer Science and Engineering Data Base Management System Prof. Partha Pratim Das, Prof. Samiran Chattopadhyay, IITKGP	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
25	noc22-cs52 Computer Science and Engineering Introduction To Industry 4.0 And Industrial Internet Of Things Prof. Sudip Misra, IITKGP	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022

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26	noc22-cs53 Computer Science and Engineering Introduction To Internet of Things of Things Prof. Sudip Misra, IITKGP	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
27	noc22-cs54 Computer Science and Engineering Introduction To Soft Computing Prof. Debasis Samanta, IITKGP	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
28	noc22-cs56 Computer Science and Engineering An Introduction to Artificial Intelligence Prof. Mausam, IITD	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
29	noc22-cs57 Computer Science and Engineering Introduction to Database Systems Prof. Sreenivasa Kumar, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
30	noc22-de01 Design Engineering Understanding Design Prof. Nina Sabnani, IITB	4 Weeks	February 21, 2022	March 18, 2022	April 23, 2022	February 21, 2022
31	noc22-de04 Design Engineering Innovation by Design Prof. B. K. Chakravarthy, IITB	4 Weeks	February 21, 2022	March 18, 2022	April 24, 2022	February 21, 2022
32	noc22-de05 Design Engineering Design, Technology and Innovation Prof. B. K. Chakravarthy, IITB	8 Weeks	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022
33	noc22-hs66 Economics Introduction to Econometrics Prof. Sabuj Kumar Mandal, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
34	noc22-ee16 Electrical and Electronics Engineering High Power Multilevel Converters - Analysis, design and operational issues Prof. Anandarup Das, IITD	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
35	noc22-ee21 Electrical and Electronics Engineering Fuzzy Sets, Logic and Systems & Applications Prof. Nishchal Kumar Verma, IITK	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
36	noc22-ee26 Electrical and Electronics Engineering Electronics Enclosures Thermal issues Prof. N.V Chalapathi Rao, IISc	8 Weeks	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022

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37	noc22-ee29 Electrical and Electronics Engineering Recent Advances in Transmission Insulators Prof. Subba Reddy B, IISc	4 Weeks	January 24, 2022	February 18, 2022	March 27, 2022	January 31, 2022
38	noc22-ee30 Electrical and Electronics Engineering Power Quality Improvement Technique Prof. Avik Bhattacharya, IITR	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
39	noc22-ee33 Electrical and Electronics Engineering Design of Power Electronic Converters Prof. Shabari Nath, IITG	8 Weeks	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022
40	noc22-ee35 Electrical and Electronics Engineering Operation and Planning of Power Distribution Systems Prof. Sanjib Ganguly, IITG	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
41	noc22-ee41 Electrical and Electronics Engineering Power Management Integrated Circuits Prof. Qadeer Ahmad Khan, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
42	noc22-ee49 Electrical and Electronics Engineering An Introduction to Information Theory Prof. Adrish Banerjee, IITK	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
43	noc22-ee50 Electrical and Electronics Engineering Sensors and Actuators Prof. Hardik Jeetendra Pandya, IISc	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
44	noc22-ee02 Electrical and Electronics Engineering Applied Linear Algebra Prof. Andrew Thangaraj, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
45	noc22-hs03 Humanities and Social Sciences Health Research Fundamentals Multifaculty, NIE, IITM	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
46	noc22-hs04 Humanities and Social Sciences Patent Drafting for Beginners Prof. Feroz Ali, IITM	4 Weeks	January 24, 2022	February 18, 2022	March 27, 2022	January 31, 2022

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47	noc22-hs05 Humanities and Social Sciences Effective Writing Prof. Binod Mishra, IITR	4 Weeks	January 24, 2022	February 18, 2022	March 27, 2022	January 31, 2022
48	noc22-hs07 Humanities and Social Sciences Soft Skill Development Prof. Priyadarshi Patnaik, Prof. V.N. Giri, Prof. D. Suar, IITKGP	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
49	noc22-hs08 Humanities and Social Sciences Enhancing Soft Skills and Personality Prof. T. Ravichandran, IITK	8 Weeks	February 21, 2022	April 15, 2022	April 24, 2022	February 21, 2022
50	noc22-hs09 Humanities and Social Sciences Literature, Culture and Media Prof. Rashmi Gaur, IITR	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
51	noc22-hs10 Humanities and Social Sciences Development of Sociology in India Prof. Ashish Saxena, IITK	4 Weeks	January 24, 2022	February 18, 2022	March 27, 2022	January 31, 2022
52	noc22-hs11 Humanities and Social Sciences Emotional Intelligence Prof. Rabindra Kumar Pradhan, IITKGP	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
53	noc22-hs13 Humanities and Social Sciences Speaking Effectively Prof. Anjali Gera Roy, IITKGP	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
54	noc22-hs16 Humanities and Social Sciences Economic Growth and Development Prof. Rajshree Bedamatta, IITG	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
55	noc22-hs18 Humanities and Social Sciences Human Behaviour Prof. Naveen Kashyap, IITG	8 Weeks	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022
56	noc22-hs19 Humanities and Social Sciences Introduction to Cognitive Psychology Prof. Naveen Kashyap, IITG	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022

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57	noc22-hs21 Humanities and Social Sciences Introduction to Environmental Economics Prof. Diptimayee Nayak Prof. S. P. Singh, IITR	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
58	noc22-hs29 Humanities and Social Sciences Patent Law for Engineers and Scientists Prof. Feroz Ali, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
59	noc22-hs30 Humanities and Social Sciences German - I Prof. Milind Brahme, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
60	noc22-hs31 Humanities and Social Sciences German - II Prof. Milind Brahme, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
61	noc22-hs42 Humanities and Social Sciences An Introduction to Microeconomics Prof. Vimal Kumar, IITK	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
62	noc22-hs33 Humanities and Social Sciences English Literature for competitive exams Prof. Aysha Iqbal, IITM	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
63	noc22-hs34 Humanities and Social Sciences Technical English for Engineers Prof. Aysha Iqbal, IITM	8 Weeks	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022
64	noc22-hs43 Humanities and Social Sciences Energy Resources, Economics and Environment Prof. Rangan Banerjee, IITB	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
65	noc22-hs47 Humanities and Social Sciences Introduction To Brain & Behaviour Prof. Ark Verma, IITK	8 Weeks	February 21, 2022	April 15, 2022	April 24, 2022	February 21, 2022
66	noc22-hs59 Humanities and Social Sciences Intellectual Property Prof. Feroz Ali, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022

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67	noc22-mg36 Management Technology Forecasting for strategic decision making - An Introduction Prof. Dmitry Kucharavy, Prof. Bala Ramadurai EM Strasbourg Business School (University of Strasbourg) and IITM	4 Weeks	January 24, 2022	February 18, 2022	March 27, 2022	January 31, 2022
68	noc22-mg02 Management Data Analysis and Decision Making – I Prof. Raghu Nandan Sengupta, IITK	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
69	noc22-mg03 Management Data Analysis & Decision Making - II Prof. Raghu Nandan Sengupta, IITK	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
70	noc22-mg12 Management Engineering Econometrics Prof. Rudra P Pradhan, IITKGP	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
71	noc22-mg14 Management Supply Chain Analytics Prof. Rajat Agrawal, IITR	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
72	noc22-mg15 Management Production and Operation Management Prof. Rajat Agrawal, IITR	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
73	noc22-mg16 Management Quality Design And Control Prof. Pradip Kumar Ray, IITKGP	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
74	noc22-mg25 Management Business Statistics Prof. Mukesh Kumar Barua, IITR	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
75	noc22-mg26 Management Marketing Analytics Prof. Swagato Chatterjee, IITKGP	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022

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76	noc22-mg31 Management Introduction to probability and Statistics Prof. G. Srinivasan, IITM	4 Weeks	January 24, 2022	February 18, 2022	March 27, 2022	January 31, 2022
77	noc22-mg42 Management Principles of Management Prof. Usha Lenka, IITR	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
78	noc22-mg45 Management E-Business Prof. Mamata Jenamani, IITKGP	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
79	noc22-me35 Mechanical Engineering Fundamentals of Combustion Prof. V. Raghavan, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
80	noc22-me43 Mechanical Engineering Finite Element Method Prof. Biswanath Banerjee Prof. Amit Shaw, IITKGP	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
81	noc22-me54 Mechanical Engineering Mechatronics Prof. Pushparaj Mani Pathak, IITR	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
82	noc22-me55 Mechanical Engineering Operations Management Prof. Inderdeep Singh, IITR	12 Weeks	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
83	noc22-mm13 Metallurgical and Materials Engineering Theory and Practice of Non Destructive Testing Prof. Ranjit Bauri, IITM	8 Weeks	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
84	noc22-ge08 Multidisciplinary Research Methodology Prof. Soumitro Banerjee, IISER Kolkata, IITM	12 Weeks	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022

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85	noc22-ge15 Multidisciplinary Introduction to Research Prof. Edamana Prasad Prof. Prathap Haridoss, IITM	8 Weeks	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022
						