VISVESVARAYA TECHNOLOGY UNIVERSITY, BELAGAVI

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

(Applicable 2018 scheme students)

NPTEL Jul 2021 Timelines and Tentative Course List (July - Dec 2021) Note:

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

There may be addition and deletion of courses.

For Rerun courses: NPTEL website link is given for your reference to view syllabus and videos. Using the link https://nptel.ac.in/noc/NPTELSemester.html the Tentative Course List (July - Dec 2021): Sheet1 can be accessed. The Tentative Course List has the NPTEL website link to view syllabus and videos of rerun courses.

Particulars 4 weeks - set 1 8 weeks - set 1 12 weeks 4 weeks -set 2 8 weeks -set 2 Start of course Jul 26, 2021 Jul 26, 2021 Jul 26, 2021 Aug 23, 2021 Aug 23, 2021 Aug 20, 2021 Sep 17, 2021 Oct 15, 2021 Oct 15, 2021 End of course Sep 17, 2021 Sep 26, 2021 (Sunday) -2 Oct 23/24, 2021 (Saturday and Sunday) - 2 Exam dates -1 2 Sessions on each date: 2 Sessions on each date: 9am-12 noon; 2pm-5pm 9am-12 noon; 2pm-5pm Open enrollment to May 06, 2021 the course Close enrollment to Aug 02, 2021 Aug 23, 2021 the course Open exam Jun 17, 2021 (Tentative) registration form Close exam Aug 20, 2021 Sep 17, 2021 5pm registration form



VISVESVARAYA TECHNOLOGICAL UNIVERSITY Belagavi

- (i) Second 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. 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) 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.

Second list of MOOCs (NPTEL Jan 2021 Timeline) for B.E Degree Honours (Ref: VTU/BGM/BOS/SO2/2020 – 21/572, dated 17 May 2021)

| SI 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 | 15 noc21-ae11 | 12 Weeks | July 26, | October | October | August 02, |
| | Aerospace Engineering | Rerun | 2021 | 15, 2021 | 24, 2021 | 2021 |
| | Introduction to Aerospace Engineering Prof. Rajkumar Pant, IITB | | | | | |
| 2 | 16 noc21-ae12 | 12 Weeks | July 26, | October | October | August 02, |
| | Aerospace Engineering | Rerun | 2021 | 15, 2021 | 23, 2021 | 2021 |
| | Introduction to Aircraft Design | | | | , | |
| | Prof. Rajkumar Pant, IITB | | | | | |
| 3 | 20 noc21-ag01 | 12 Weeks | July 26, | October | October | August 02, |
| | Agriculture Engineering | Rerun | 2021 | 15, 2021 | 23, 2021 | 2021 |
| | Fundamentals of Food Process | | | | | |
| | Engineering Prof. Lawrence Mitter HTMCP | | | | | |
| 4 | Prof. Jayeeta Mitra, IITKGP 26 noc21-ag07 | 12 Weeks | July 26, | October | October | August 02, |
| + | Agriculture Engineering | Rerun | 2021 | 15, 2021 | 23, 2021 | 2021 |
| | Thermal Processing of Foods | Refuli | 2021 | 13, 2021 | 23, 2021 | 2021 |
| | Prof. R. Anandalakshmi,IITG | | | | | |
| 5 | 71 noc21-ch31 | 12 Weeks | July 26, | October | October | August 02, |
| | Chemical Engineering | Rerun | 2021 | 15, 2021 | 23, 2021 | 2021 |
| | Heat Transfer | | | | | |
| | Prof. Sunando Dasgupta, IITKGP | | | | | |

| Sl | Serial number of the course in the Tentative Course List of NPTEL and Course Id (NOC: NPTEL open course) Discipline | Duration Type of | Course | Course | Course Exam | Enrollment |
|----|---|---------------------|------------------|---------------------|---------------------|-----------------|
| No | Course Name SME (Subject Matter Expert) Name and Institute | course | Start date | End date | date | End date |
| 6 | 82 noc21-ch42 Chemical Engineering Technologies For Clean And Renewable Energy Production Prof. P. Mondal, IITR | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 7 | 90 noc21-ch50 Chemical Engineering Material & Energy Balance Computations Prof. Arnab Atta Prof. Rabibrata Mukherjee, IITKGP | 12 Weeks New | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 8 | 115 noc21-cy50 Chemistry Introduction to Polymer Science Prof. Dibakar Dhara,IITKGP | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 9 | 126 noc21-ce48 Civil Engineering Water Economics and Governance Prof. Manoj Kumar Tiwari,IITKGP | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 10 | 140 noc21-ce63 Civil Engineering Environmental Chemistry Prof. Bhanu Prakash Vellanki, IITR | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 11 | 159 noc21-cs58 Computer Science and Engineering Data Base Management System Prof. Partha Pratim Das Prof. Samiran Chattopadhyay, IITKGP | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 12 | 163 noc21-cs62 Computer Science and Engineering Cloud computing Prof. Soumya Kanti Ghosh, IITKGP | 8 Weeks Rerun | August 23, 2021 | October 15, 2021 | October 23, 2021 | August 23, 2021 |
| 13 | 164 noc21-cs63 Computer Science and Engineering Introduction to internet of things Prof. Sudip Misra,IITKGP | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 14 | 167 noc21-cs66 Computer Science and Engineering Introduction to Industry 4.0 and Industrial Internet of Things Prof. Sudip Misra,IITKGP | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 15 | 168 noc21-cs67 Computer Science and Engineering Programming, Data Structures And Algorithms Using Python Prof. Madhavan Mukund, CMI. | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |

| Site Discipline Course Start date Course End date | | Serial number of the course in the Tentative Course List of NPTEL and Course Id (NOC: NPTEL open course) | Duration | | | | |
|--|----|---|-----------|------------|------------|---------------------------------------|-----------------|
| Course SME (Subject Matter Expert) Name and Institute SME (Subject Matter Expert) Name and Institute SME (Subject Matter Expert) Name and Computer Science and Engineering Data Science for Engineers Prof. Ragunathan Rengasamy Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan,IITM 171 noc21-cs70 | | | | | | | Enrollment |
| Institute September Computer Science and Engineering Data Science for Engineers Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan,IITM 171 noc21-cs70 Computer Science and Engineering Introduction to Machine Learning Prof. Balaraman Ravindran Prof. Ragunathan Rengasamy. ITTM 181 noc21-cs78 September Science and Engineering Python for Data Science Prof. Ragunathan Rengasamy,IITM 19 | No | Course Name | | Start date | End date | date | End date |
| Computer Science and Engineering Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan,IITM 171 noc21-cs70 12 Weeks July 26, Computer Science and Engineering Introduction to Machine Learning Python for Data Science Prof. Ragunathan Rengasamy,IITM 18 | | Institute | | | | | |
| Data Science for Engineers Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan,IITM 17 171 noc21-cs70 Computer Science and Engineering Prof. Balaraman Ravindran, IITM 18 179 noc21-cs78 Computer Science and Engineering Python for Data Science Prof. Ragunathan Rengasamy,IITM 19 181 noc21-cs80 Computer Science and Engineering Discrete Mathematics Prof. Sudarshan Iyengar,IIT Ropar 20 185 noc21-cs84 Rerun Prof. Sudarshan Iyengar,IITK 21 186 noc21-cs85 Rerun Prof. Manindra Agrawal,IITK 21 186 noc21-cs85 Rerun Prof. Sudarshan Sarkar,IITKGP 22 187 noc21-cs86 Rerun Prof. Sudarshan Sarkar,IITKGP 22 187 noc21-cs86 Rerun Prof. Sudarshan Sarkar,IITKGP 23 210 noc21-de13 Design Engineering Prof. Rajiv Misra, IIT Patna 23 210 noc21-de13 Design Engineering Introduction to robotics Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 Pesign Engineering Innovation by Design Prof. Rerun Prof. Sudarshan Sarkar,IITKGP 24 211 noc21-de14 Pesign Engineering Rerun Prof. Rerun Prof. Rerun Prof. Rerun Prof. Rerun Prof. Sudarshan Sarkar, IITKGP Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM Prof. Balaraman Ravindran Prof. Rerun | 16 | | | | | | August |
| Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan,IITM 171 noc21-cs70 Computer Science and Engineering Introduction to Machine Learning Prof. Balaraman Ravindran, IITM 181 179 noc21-cs78 Computer Science and Engineering Python for Data Science Prof. Ragunathan Rengasamy,IITM 191 181 noc21-cs80 Rerun 2021 2021 26, 20 | | | Rerun | 2021 | 17, 2021 | 26, 2021 | 02, 2021 |
| Prof. Shankar Narasimhan,IITM 171 noc21-cs70 12 Weeks July 26, 2021 | | | | | | | |
| 17 | | | | | | | |
| Computer Science and Engineering Introduction to Machine Learning Prof. Balaraman Ravindran, IITM | | | 10 *** | V 1 0 4 | 0 1 17 | | |
| Introduction to Machine Learning Prof. Balaraman Ravindran, IITM 18 179 noc21-cs78 Computer Science and Engineering Python for Data Science Prof. Ragunathan Rengasamy,IITM 19 181 noc21-cs80 Computer Science and Engineering Discrete Mathematics Prof. Sudarshan Iyengar,IIT Ropar 20 185 noc21-cs84 Computer Science and Engineering Modern Algebra Prof. Manindra Agrawal,IITK 21 186 noc21-cs85 Computer Science and Engineering Introduction to Machine Learning - IITKGP Prof. Sudashna Sarkar,IITKGP 22 187 noc21-cs86 Computer Science and Engineering Big Data Computing Prof. Rajiv Misra, IIT Patna 23 210 noc21-de13 Design Engineering Introduction to robotics Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 Design Engineering Innovation by Design Position of the prof. Rerun Prof | 17 | | | | | | August |
| Prof. Balaraman Ravindran, IITM 18 179 noc21-cs78 Computer Science and Engineering Python for Data Science Prof. Ragunathan Rengasamy, IITM 19 181 noc21-cs80 Computer Science and Engineering Discrete Mathematics Prof. Sudarshan Iyengar, IIT Ropar 2021 | | | Rerun | 2021 | 2021 | 2021 | 02, 2021 |
| 18 179 noc21-cs78 Computer Science and Engineering Python for Data Science Prof. Ragunathan Rengasamy,IITM 19 181 noc21-cs80 Computer Science and Engineering Discrete Mathematics Prof. Sudarshan Iyengar,IIT Ropar 20 185 noc21-cs84 Rerun 2021 2021 2021 20 185 noc21-cs84 Rerun 2021 2021 2021 20 185 noc21-cs84 Rerun 2021 2021 2021 20 185 noc21-cs84 Rerun 23, 2021 2021 20 186 noc21-cs85 Rerun 23, 2021 2021 20 186 noc21-cs85 Rerun 23, 2021 2021 20 187 noc21-cs85 Rerun 23, 2021 2021 20 20 2021 2021 20 20 2021 2021 20 20 2021 2021 20 20 2021 2021 20 20 2021 2021 20 20 2021 2021 20 20 2021 2021 20 20 | | | | | | | |
| Computer Science and Engineering Python for Data Science Prof. Ragunathan Rengasamy,IITM | | - | | | | | |
| Python for Data Science Prof. Ragunathan Rengasamy,IITM 19 | 18 | | | | | | August |
| Prof. Ragunathan Rengasamy,IITM 19 | | | Rerun | 2021 | 2021 | 26, 2021 | 02, 2021 |
| 19 | | | | | | | |
| Computer Science and Engineering Discrete Mathematics Prof. Sudarshan Iyengar,IIT Ropar 20 | | | | | | | |
| Discrete Mathematics Prof. Sudarshan Iyengar,IIT Ropar 20 185 noc21-cs84 Computer Science and Engineering Modern Algebra Prof. Manindra Agrawal,IITK 21 186 noc21-cs85 Computer Science and Engineering Introduction to Machine Learning - IITKGP Prof. Sudeshna Sarkar,IITKGP 22 187 noc21-cs86 Computer Science and Engineering Big Data Computing Prof. Rajiv Misra, IIT Patna 23 210 noc21-de13 Design Engineering Introduction to robotics Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 Design Engineering Innovation by Design | 19 | | | | · | | August |
| Prof. Sudarshan Iyengar,IIT Ropar 20 | | | Rerun | 2021 | 2021 | 2021 | 02, 2021 |
| 20 | | | | | | | |
| Computer Science and Engineering Modern Algebra Prof. Manindra Agrawal,IITK 21 | | | | | | | |
| Modern Algebra Prof. Manindra Agrawal,IITK 21 | 20 | | | _ | | | August |
| Prof. Manindra Agrawal, IITK 21 | | | Rerun | 23, 2021 | 2021 | 2021 | 23, 2021 |
| 21 186 noc21-cs85 September Computer Science and Engineering Introduction to Machine Learning - IITKGP Prof. Sudeshna Sarkar,IITKGP September 2021 17, 2021 26, 2021 17, 2021 26, 2021 26, 2021 27, 2021 27, 2021 28, 2021 28, 2021 29, 2021 | | | | | | | |
| Computer Science and Engineering Introduction to Machine Learning - IITKGP Prof. Sudeshna Sarkar,IITKGP 22 187 noc21-cs86 Computer Science and Engineering Big Data Computing Prof. Rajiv Misra, IIT Patna 23 210 noc21-de13 Design Engineering Introduction to robotics Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 Design Engineering Innovation by Design Rerun 2021 17, 2021 26, 2021 Rerun 2021 2021 2021 12 Weeks July 26, October 15, October 24, 2021 2021 2021 2021 2021 4 Weeks August September October 24, 2021 2021 4 Weeks August September October 24, 2021 2021 27 2021 2021 2021 | | | 0.777 | | | | |
| Introduction to Machine Learning - IITKGP Prof. Sudeshna Sarkar, IITKGP 22 187 noc21-cs86 | 21 | | | | • | _ | August |
| IITKGP Prof. Sudeshna Sarkar,IITKGP 22 187 noc21-cs86 Computer Science and Engineering Big Data Computing Prof. Rajiv Misra, IIT Patna 23 210 noc21-de13 Design Engineering Introduction to robotics Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 Design Engineering Innovation by Design 28 Weeks August Rerun 29 21 2021 August September Coctober 24, 2021 August Augu | | - | Rerun | 2021 | 17, 2021 | 26, 2021 | 02, 2021 |
| Prof. Sudeshna Sarkar,IITKGP 22 187 noc21-cs86 | | | | | | | |
| 22 187 noc21-cs86 8 Weeks August Cotober 15, Cotober 24, 2021 2 | | | | | | | |
| Computer Science and Engineering Big Data Computing Prof. Rajiv Misra, IIT Patna 23 210 noc21-de13 Design Engineering Introduction to robotics Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan, IITM 24 211 noc21-de14 Design Engineering Innovation by Design Rerun 23, 2021 2021 2021 2021 2021 2021 2021 2021 | 22 | | 0.3371 | A 4 | 0-4-115 | 0 - (- 1 2 4 | A |
| Big Data Computing Prof. Rajiv Misra, IIT Patna 23 210 noc21-de13 Design Engineering Introduction to robotics Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 Design Engineering Innovation by Design Big Data Computing Prof. Rajiv Misra, IIT Patna 12 Weeks Rerun 2021 2021 2021 4 Weeks August Rerun 23, 2021 17, 2021 2021 | 22 | | | | | · · · · · · · · · · · · · · · · · · · | August |
| Prof. Rajiv Misra, IIT Patna 23 | | - | Rerun | 23, 2021 | 2021 | 2021 | 23, 2021 |
| 23 210 noc21-de13 12 Weeks July 26, October 15, October 24, Design Engineering Introduction to robotics Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 4 Weeks August September October 24, Design Engineering Innovation by Design | | | | | | | |
| Design Engineering Introduction to robotics Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 Design Engineering Innovation by Design Rerun 2021 2021 2021 2021 2021 2021 2021 | 22 | | 12 Wastra | July 24 | October 15 | Ootobor 24 | Angust |
| Introduction to robotics Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 Design Engineering Innovation by Design A Weeks Rerun Prof. September 23, 2021 17, 2021 2021 | 23 | | | | | | August 02, 2021 |
| Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 Design Engineering Innovation by Design Prof. Asokan T A Weeks August Rerun A Weeks August August August A Weeks A Weeks August A Weeks A W | | | Kerun | 2021 | 2021 | 2021 | 02, 2021 |
| Prof. Balaraman Ravindran Prof. Krishna Vasudevan,IITM 24 211 noc21-de14 Design Engineering Innovation by Design Prof. Balaraman Ravindran A Weeks August Rerun A Weeks August Prof. Balaraman Ravindran A Weeks August A Weeks A Weeks A Weeks A Weeks August A Weeks A | | | | | | | |
| Prof. Krishna Vasudevan,IITM 24 | | | | | | | |
| 24 211 noc21-de14 4 Weeks August September October 24, Design Engineering Rerun 23, 2021 17, 2021 2021 | | | | | | | |
| Design Engineering Rerun 23, 2021 17, 2021 2021 Innovation by Design | 2/ | · | 1 Weeks | Anguet | September | October 24 | August |
| Innovation by Design | 24 | | | _ | | · · | 23, 2021 |
| | | | 1.CI UII | 23, 2021 | 17, 2021 | 2021 | 23, 2021 |
| 1101. D. II. Chantaratally, 111D | | • | | | | | |
| 25 212 noc21-de15 4 Weeks August September October 24, | 25 | • | 4 Weeks | Alloust | September | October 24 | August |
| Design Engineering Rerun 23, 2021 17, 2021 2021 | | | | _ | | | 23, 2021 |
| Understanding Design | | | 1 Ci uli | 25, 2021 | 17, 2021 | 2021 | 25, 2021 |
| Prof. Nina Sabnani,IITB | | | | | | | |
| 26 213 noc21-de16 8 Weeks August October 15, October 23, | 26 | · | 8 Weeks | August | October 15 | October 23 | August |
| Design Engineering Rerun 23, 2021 2021 2021 | | | | _ | | | 23, 2021 |
| Design, Technology and Innovation | | | | | | | ,, |
| Prof. B. K. Chakravarthy, IITB | | | | | | | |

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|----------|---|-------------------------------|----------------------|---------------------|---------------------|------------------------|
| 27 | 213 noc21-de16 Design Engineering Design, Technology and Innovation Prof. B. K. Chakravarthy, IITB | 8 Weeks Rerun | August 23, 2021 | October 15, 2021 | October 23, 2021 | August 23, 2021 |
| 28 | 215 noc21-hs56 Economics Environmental & Resource Economics Prof. Sabuj Kumar Mandal, IITM | 12 Weeks New | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 29 | 218 noc21-ee62 Electrical and Electronics Engineering Design of photovoltaic systems Prof. L Umanand, IISc | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 30 | 219 noc21-ee63 Electrical and Electronics Engineering Advances in UHV Transmission and Distribution Prof. Subbba Reddy, IISc | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 31 | 234 noc21-ee78 Electrical and Electronics Engineering Digital Image Processing Prof. Prabir Kumar Biswas, IITKGP | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 32 | 237 noc21-ee81 Electrical and Electronics Engineering Optical Engineering Prof. Shanti Bhattacharya, IITM | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 33 | 246 noc21-ee90 Electrical and Electronics Engineering Enclosure design of electronics equipment Prof. N. V Chalapathi Rao, IISc | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 34 | 252 noc21-ee96 Electrical and Electronics Engineering Dc Microgrid and Control System Prof. Avik Bhattacharya, IITR | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 35 | 271noc21-hs57 Humanities and Social Sciences Developing Soft Skills and Personality Prof. T. Ravichandran, IITK | 8 Weeks Rerun | August 23, 2021 | October 15, 2021 | October 24, 2021 | August 23, 2021 |
| 36 | 275 noc21-hs61 Humanities and Social Sciences Educational leadership Prof. Atasi Mohanty, IITKGP | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 37 | 276noc21-hs62 Humanities and Social Sciences Health Research Fundamentals Prof. P. Manickam, NIE | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |

| | Serial number of the course in the Tentative | | | | | |
|----------|--|-------------------|----------------------|--------------------|---------------------|------------------------|
| | Course List of NPTEL and Course Id (NOC: NPTEL open course) | Duration | | | | |
| Sl No | Discipline | Type of | Course Start date | Course End date | Course Exam date | Enrollment End date |
| 110 | Course Name | course | Start date | End date | uate | Ella date |
| | SME (Subject Matter Expert) Name and Institute | | | | | |
| 38 | 284 noc21-hs70 | 4 Weeks | July 26, | August 20, | September | August |
| | Humanities and Social Sciences | Rerun | 2021 | 2021 | 26, 2021 | 02, 2021 |
| | Patent Drafting for Beginners | | | | | |
| 39 | Prof. Feroz Ali, IITM | 10 W1 | I1 26 | 0-4-115 | 0-4-124 | A |
| 39 | 290 noc21-hs76 Humanities and Social Sciences | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| | Soft skills | Kerun | 2021 | 2021 | 2021 | 02, 2021 |
| | Prof. Binod Mishra, IITR | | | | | |
| 40 | 291 noc21-hs77 | 8 Weeks | August | October 15, | October 24, | August |
| | Humanities and Social Sciences | Rerun | 23, 2021 | 2021 | 2021 | 23, 2021 |
| | Energy Economics And Policy | | , | | | , |
| | Prof. Shyamasree Dasgupta, IIT Mandi | | | | | |
| 41 | 293 noc21-hs79 | 12 Weeks | July 26, | October 15, | October 23, | August |
| | Humanities and Social Sciences | Rerun | 2021 | 2021 | 2021 | 02, 2021 |
| | German - I | | | | | |
| 40 | Prof. Milind Brahme, IITM | 10 111 1 | T 1 26 | 0 1 17 | 0 1 24 | |
| 42 | 294 noc21-hs80 | 12 Weeks | July 26, | October 15, | October 24, | August |
| | Humanities and Social Sciences German - II | Rerun | 2021 | 2021 | 2021 | 02, 2021 |
| | Prof. Milind Brahme, IITM | | | | | |
| 43 | 295 noc21-hs81 | 12 Weeks | July 26, | October 15, | October 24, | August |
| | Humanities and Social Sciences | New | 2021 | 2021 | 2021 | 02, 2021 |
| | Sociology of Development | | | | | , , |
| | Prof. Sambit Mallick, IITG | | | | | |
| 44 | 297 noc21-hs83 | 12 Weeks | July 26, | October 15, | October 23, | August |
| | Humanities and Social Sciences | New | 2021 | 2021 | 2021 | 02, 2021 |
| | Environment and Development | | | | | |
| 15 | Prof. Ngamjahao Kipgen, IITG | 0 W1 | A | 0-4-115 | 0-4-124 | A 1 |
| 45 | 299 noc21-hs85 Humanities and Social Sciences | 8 Weeks Rerun | | October 15, 2021 | 2021 | August |
| | Development Research Methods | Kerun | 23, 2021 | 2021 | 2021 | 23, 2021 |
| | Prof. Rajshree Bedamatta, IITG | | | | | |
| 46 | 307 noc21-hs93 | 4 Weeks | July 26, | August 20, | September | August |
| | Humanities and Social Sciences | Rerun | 2021 | 2021 | 26, 2021 | 02, 2021 |
| | Body language: Key to professional | | | | | |
| | Success | | | | | |
| | Prof. Rashmi Gaur,IITR | | _ | - | | |
| 47 | 316 noc21-hs102 | 8 Weeks | July 26, | September | September | August |
| | Humanities and Social Sciences | Rerun | 2021 | 17, 2021 | 26, 2021 | 02, 2021 |
| | Entrepreneurship and IP Strategy | | | | | |
| 48 | Prof. Gouri Gargate, IITKGP 317 noc21-hs103 | 8 Weeks | Angust | October 15, | October 23, | Angust |
| 40 | Humanities and Social Sciences | 8 weeks Rerun | August 23, 2021 | 2021 | 2021 | August 23, 2021 |
| | Patent Search for Engineers and | IXCI UII | 23, 2021 | 2021 | 2021 | 23, 2021 |
| | Lawyers | | | | | |
| | Prof. M Padmavati , | | | | | |
| | Prof. Shreya Matilal, IITKGP | | | | | |

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|----------|---|-------------------------------|----------------------|---------------------|---------------------|------------------------|
| 49 | 319 noc21-lw01 Law Right to Information and Good Governance Prof. Sairam Bhat, National Law School of India University | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 50 | 323 noc21-mg49 Management Human resource development Prof. KBL Srivastava, IITKGP | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 51 | 327 noc21-mg53 Management Design Thinking - A Primer Prof. Ashwin Mahalingam Prof. Bala Ramadurai, IITM | 4 Weeks Rerun | July 26, 2021 | August 20, 2021 | September 26, 2021 | August 02, 2021 |
| 52 | 329 noc21-mg55 Management/Multidisciplinary Strategic Communication for Sustainable Development Prof. Aradhna Malik, IITKGP | 4 Weeks Rerun | July 26, 2021 | August 20, 2021 | September 26, 2021 | August 02, 2021 |
| 53 | 330 noc21-mg56 Management Knowledge Management Prof. KBL Srivastava, IITKGP | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 54 | 331 noc21-mg57 Management Gender justice and workplace security Prof. Dipa Dube,IITKGP | 4 Weeks Rerun | August 23, 2021 | September 17, 2021 | October 23, 2021 | August 23, 2021 |
| 55 | 333 noc21-mg59 Management Industrial Safety Engineering Prof. Jhareswar Maiti, IITKGP | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 56 | 334 noc21-mg60 Management Ethics in Engineering Practice Prof. Susmita Mukhopadhyay,IITKGP | 8 Weeks Rerun | August 23, 2021 | October 15, 2021 | October 23, 2021 | August 23, 2021 |
| 57 | 335 noc21-mg61 Management Working Capital Management Prof. Anil K. Sharma,IITR | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 58 | 337 noc21-mg63 Management Innovation, Business Models and Entrepreneurship Prof. Rajat Agarwal Prof. Vinay Sharma,IITR | 8 Weeks Rerun | August 23, 2021 | October 15, 2021 | October 24, 2021 | August 23, 2021 |

| SI 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 | Duration Type of course | Course Start date | Course End date | Course Exam date | Enrollment End date |
|----------|---|---|----------------------|---------------------|---------------------|------------------------|
| 59 | Institute 342 noc21-mg68 Management Manufacturing Strategy Prof. Rajat Agarwal, IITR | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 60 | 348 noc21-mg74 Management Decision-Making Under Uncertainty Prof. N. Gautam, Texas A&M Univ. | 4 Weeks Rerun | August 23, 2021 | September 17, 2021 | October 24, 2021 | August 23, 2021 |
| 61 | 370 noc21-mg96 Management Intellectual Property Rights and Competition Law Prof. KD Raju, Prof. Niharika Sahoo Bhattacharya,IITKGP | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 62 | 374 noc21-ma38 Mathematics Essential Mathematics for Machine Learning Prof. Sanjeev Kumar Prof. S.K. Gupta, IITR | 8 Weeks + 4 Weeks new Rerun | July 26, 2021 | October 15, 2021 | October 24, 2021 | August 02, 2021 |
| 63 | 418 noc21-me76 Mechanical Engineering Robotics Prof. DK Pratihar, IITKGP | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 64 | 420 noc21-me78 Mechanical Engineering Advances in welding and joining technologies Prof. Swarup Bag,IITG | 8 Weeks Rerun | July 26, 2021 | September 17, 2021 | September 26, 2021 | August 02, 2021 |
| 65 | 425 noc21-me83 Mechanical Engineering Product Design and Development Prof. Inderdeep Singh,IITR | 4 Weeks Rerun | July 26, 2021 | August 20, 2021 | September 26, 2021 | August 02, 2021 |
| 66 | 476 noc21-mm23 Metallurgical and Materials Engineering Energy conservation and waste heat recovery Prof. Prasanta Kr Das Prof. A Bhattacharya, IITKGP | 12 Weeks Rerun | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |
| 67 | 487 noc21-mm34 Metallurgical and Materials Engineering Electrochemical Energy Storage Prof. Subhasish Basu Majumder, IITKGP | 12 Weeks New | July 26, 2021 | October 15, 2021 | October 23, 2021 | August 02, 2021 |

| SI 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 |
|----------|---|-------------------------------|----------------------|--------------------|---------------------|------------------------|
| 68 | 497 noc21-ge18 | 4 Weeks | July 26, | August 20, | September | August |
| | Multidisciplinary | Rerun | 2021 | 2021 | 26, 2021 | 02, 2021 |
| | Stress Management | | | | | |
| | Prof. Rajlakshmi Guha, IITKGP | | | | | |
| 69 | 499 noc21-ge20 | 12 Weeks | July 26, | October 15, | October 23, | August |
| | Multidisciplinary | Rerun | 2021 | 2021 | 2021 | 02, 2021 |
| | Fundamentals Of Artificial | | | | | |
| | Intelligence | | | | | |
| | Prof. Shyamanta M. Hazarika, IITG | | | | | |
| 70 | 502 noc21-ge23 | 12 Weeks | July 26, | October 15, | October 23, | August |
| | Multidisciplinary | Rerun | 2021 | 2021 | 2021 | 02, 2021 |
| | Solar Energy Engineering and | | | | | |
| | Technology | | | | | |
| | Prof. Pankaj Kalita, IITG | | | | | |

