



Shri Vile Parle Kelavani Mandal's

DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING

(Autonomous College Affiliated to the University of Mumbai)

NAAC Accredited with "A" Grade (CGPA : 3.18)



Department of Electronics Engineering

Activities conducted / attended by faculty members in the academic year 2020-21

| Name of the faculty | Name of the Programme | Nature of the Program me: | Organised By: | Start Date: | End Date: | No. of days: |
|---------------------|---|---------------------------|--|-------------|------------|------------------|
| Mayur Parulekar | Coursera Foundations of Virtual Education | Certificati on Program | Coursera | 01-07-2020 | 15-07-2020 | 15 days |
| Mayur Parulekar | Emerging Trends & Technologies in Virtual Edcation | Certificati on Program | DJSCE on Coursera | 01-07-2020 | 15-07-2020 | 15 |
| Ms. Bahar Soparkar | FDP : Security Issues and Role of cryptography | STTP | Usha Mittal Institute of Technolog y, SNTD | 22-06-2020 | 26-06-2020 | 5 days, one week |
| Ms. Bahar Soparkar | Effective Engineering Teaching In Practice | NPTEL course | Swayam - NPTEL | 20-01-2020 | 18-04-2020 | 4 weeks |
| Mayur Parulekar | Introduction to DA for Business Insights | Certificati on Program | Coursera | 15-06-2020 | 15-07-2020 | 28 days |
| Ms. Bahar Soparkar | Coursera - Learning to Teach Online | Coursera | The University of New South Wales and Coursera | 01-07-2020 | 14-07-2020 | 5 weeks |
| Ms. Bahar Soparkar | Coursera - Foundations of Virtual Instruction | Coursera | University of California, Irvine and Coursera | 01-07-2020 | 15-07-2020 | 5 weeks |
| Ms. Bahar Soparkar | Coursera - Foundations of Teaching for Learning: Introduction to Student Assessment | Coursera | Commonw ealth Education Trust and Coursera | 07-07-2020 | 21-07-2020 | 6 weeks |

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|--------------------|--|----------|---|------------|------------|---------------------------|
| Ms. Bahar Soparkar | Coursera - What is "the mind" and what is artificial intelligence? | Coursera | University of Colorado Boulder and Coursera | 07-07-2020 | 21-07-2020 | 4 weeks |
| Ms. Bahar Soparkar | Coursera - Methods for Solving Problems | Coursera | University of Colorado Boulder and Coursera | 07-07-2020 | 22-07-2020 | 4 weeks |
| Ms. Bahar Soparkar | Coursera - Interpersonal, Developmental, and Evolutionary Perspectives of the Mind | Coursera | University of Colorado Boulder and Coursera | 14-07-2020 | 27-07-2020 | 4 weeks |
| Ms. Bahar Soparkar | Coursera - Computational Vision | Coursera | University of Colorado Boulder and Coursera | 01-08-2020 | 17-08-2020 | 4 weeks |
| Ms. Bahar Soparkar | Coursera - Specialization - Mind and Machine | Coursera | University of Colorado Boulder and Coursera | 01-07-2020 | 17-08-2020 | 4 courses each of 4 weeks |
| Ms. Bahar Soparkar | Coursera - Assessment in Higher Education: Professional Development for Teachers | Coursera | Erasmus University Rotterdam and Coursera | 05-08-2020 | 24-08-2020 | 5 weeks |
| Ms. Bahar Soparkar | Virtual Labs : Effective tool for teaching and learning | Webinar | Cummins college of Engineering, Nagpur | 10-07-2020 | | 1 day |
| Ms. Bahar Soparkar | Libraries and Tools for Machine Learning | Webinar | UMIT, SNDT, Mumbai | 18-07-2020 | | 1 day |
| Ms. Bahar Soparkar | AI and Computer Vision Applications | Webinar | UMIT, SNDT, Mumbai | 21-07-2020 | | 1 day |
| Ms. Bahar Soparkar | NAAC revised accreditation guidelines and role of IQAC post Covid - 19 | Webinar | St. Vincent Pallotti, Nagpur | 06-08-2020 | | 1 day |

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| Ms. Bahar Soparkar | Successful Research Papers : Concepts to submission | Webinar | DJSCE, Mumbai | 28-07-2020 | | 1 day |
| Mayur Parulekar | IIRS-ISRO Satellite Photogrammetry & Applications | Certification Course | IIRS - ISRO | 29-06-2020 | 03-07-2020 | 5 |
| Sheeja Nair | International conference | Conference | Technium science . Romania | 29-08-2020 | 05-08-2020 | 1 |
| Prasad S. Joshi | FDP - under Swayam - Introduction to Industry 4.0 and Industrial Internet of Things | 12 Week Faculty Development Program | IIT - Kharagpur | 14-09-2020 | 10-12-2020 | 12 Weeks |
| Prasad S. Joshi | Introduction to Internet of Things | Faculty Development Program | FDP - Swayam; IIT - Kharagpur | 14-09-2020 | 10-12-2020 | 12 Weeks |
| Sejal Ameya Kadam | MOOC-COURSERA Linear Circuits 1-DC Circuits | MOOC | Georgia Institute of Technology | 29-08-2020 | 28-09-2020 | 4 week |
| Sejal Ameya Kadam | MOOC Coursera-Business Applications of Hypothesis Testing and confidence interval estimation | MOOC | Rice University | 01-07-2020 | 31-07-2020 | 4 week |
| Sejal Ameya Kadam | MOOC-COURSERA Introduction to satellite communication | MOOC | Institut Mines-Télécom | 01-06-2020 | 13-07-2020 | 6 week |
| Sejal Ameya Kadam | MOOC-COURSERA Python Functions, Files, and Dictionaries | MOOC | University of Michigan | 26-06-2020 | 31-07-2020 | 5 week |
| Sejal Ameya Kadam | MOOC-COURSERA Python programming essentials | MOOC | Rice University | 16-06-2020 | 16-07-2020 | 4 week |
| Sejal Ameya Kadam | Intellectual Property Rights | FDP | TCS | 24-08-2020 | 24-08-2020 | 1 Day |
| Sejal Ameya Kadam | IEEEExplore digital library for Academics & Research | Webinar | Atharva college of engineering | 13-07-2020 | 13-07-2020 | 1 |
| Sejal Ameya Kadam | Virtual Labs: Effective Tool for Teaching and Learning | Webinar | Cummins college of engineering | 10-07-2020 | 10-07-2020 | 1 |
| Sejal Ameya Kadam | Applied Statistics | Training | IBM | 28-06-2020 | 02-07-2020 | 4 |
| Sejal Ameya Kadam | Machine Learning | Training | IBM | 22-07-2020 | 26-07-2020 | 5 |

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|------------------------|---|-----------|--|------------|------------|---------|
| Sejal Ameya Kadam | Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas | STTP | Sri Venkateswara College of Engineering | 23-11-2020 | 28-11-2020 | 6 Days |
| Dr. Mrunal Rane | Basic Statistics | Coursera | Coursera | 23-09-2020 | 23-11-2020 | 8 Weeks |
| Prof Rashmi Ravikumar | Internet of Things (IoT) | FDP | AICTE Training And Learning (ATAL) Academy | 26-10-2020 | 30-10-2020 | 5 |
| Prof Rashmi Ravikumar | "Flexible and Wearable Antennas: Recent Advancements, Fabrication Techniques and Applications | FDP | AICTE Training And Learning (ATAL) Academy & National Institute of Technical Teachers Training and Research. | 12-10-2020 | 16-10-2020 | 5 |
| Prof Rashmi Ravikumar | Scilab | STTP | Dept. of EXTC , DJSCOE under Spoken Tutorial IIT Bombay | 26-05-2020 | 30-05-2020 | 5 |
| Prof Rashmi Ravikumar | Learning to Teach online | STTP | Coursera | 20-06-2020 | 20-07-2020 | 4 weeks |
| Prof Rashmi Ravikumar | Assessment in Higher Education: Professional Development for Teachers | STTP, FDP | Coursera | 09-07-2019 | 08-08-2020 | 4 weeks |
| Prof Rashmi Ravikumar | Successful Research Papers: Concepts to Submission | Webinar | | 28-07-2020 | | 1 |
| Prof. Rashmi Ravikumar | Improving Teaching Learning Experience using Best Practices' | FDP | Dept. of Computer Engineering, D.J. Sanghvi College of Engineering | 15-06-2020 | 19-06-2020 | 5 |

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| Mayur Parulekar | Certification FDP Program | Certification Course | SWAYAM NPTEL | 06-01-2020 | 28-04-2020 | 8 weeks |
| Mayur Parulekar | Mayur Parulekar | Certification Course | Swayam Nptel | 01-02-2020 | 06-03-2020 | 4 weeks |
| Sheeja Nair | Sheeja Nair | Conference | Technium Science | 18-07-2020 | | 1 |
| Mayur Parulekar | IBM Training Data Analytics | Certification Program | IBM | 22-01-2021 | 24-01-2021 | 03 |
| Mayur Parulekar | AICTE FDP Rural Technology | STTP | FRRCRCE | 21-12-2020 | 01-01-2021 | 12 |
| Mayur Parulekar | FDP 1 week on Smart Grids | STTP | VJTI | 20-12-2020 | 24-12-2020 | 5 |
| Dr, Mrunal Rupesh Rane | Basic Statistics | Coursera course | Coursera | 23-09-2020 | 23-11-2020 | 8 weeks |
| Dr. Mrunal Rupesh Rane | nculcating Universal Human Values in Technical Education | FDP | AICTE | 01-02-2021 | 05-02-2021 | 5 days |
| Rashmi Ravikumar | IEEE Conference | Conference | Vishwakarma Institute of Technology Pune | 16-12-2020 | 18-12-2020 | 3 |
| Prof Rashmi Ravikumar | Sensor Instrumentation and Technology | Workshop | IBM | 28-06-2020 | 01-07-2020 | 5 |
| Prof Rashmi Ravikumar | Wireless Sensor Network | Workshop | IBM | 02-07-2020 | 06-07-2020 | 5 |
| Dr. Prasad S. Joshi | NSF Merit Scholarship for Police Personnel Children for 2020-21 | Merit Scholarship | Narotam Sekhsaria Foundation | 23-05-2021 | 23-05-2021 | 01 |
| Prof. Vivek Nar; Prof. Mayur Prulekar; Dr. Prasad S. Joshi | Visit to Saguna Baug for WeatherMon delivery | Collaboration with Shri Chandrashekhar Bhadsavle of Saguna Baug for facilitating farming implement development | Department of Electronics | 10-01-2021 | 10-01-2021 | 01 |

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| Vivek Nar | Virtual Labs: Effective Tool for Teaching and Learning | Webinar | AICTE & Virtual Lab, Centre for System Design, NITIK Surathkal | 10-07-2020 | 10-07-2020 | 1 |
| Vivek Nar | Get Interactive: Practical Teaching with Technology | Online Course | Coursera | 16-06-2020 | 07-07-2020 | 21 |
| Vivek Nar | Performance Assessment in the Virtual Classroom | Online course | Coursera | 02-06-2020 | 07-07-2020 | 35 |
| Vivek Nar | Introduction to the Internet of Things and Embedded Systems | Online Course | Coursera | 14-06-2020 | 12-07-2020 | 28 |
| Vivek Nar | The Arduino Platform and C Programming | Online Course | Coursera | 14-06-2020 | 12-06-2020 | 28 |
| Vivek Nar | Successful Research Papers Concepts to Submission | Webinar | Knimbus and DJSCE | 28-07-2020 | 28-07-2020 | 1 |
| Vivek Nar | Interfacing with the Arduino | Online Course | Coursera | 06-07-2020 | 03-08-2020 | 28 |
| Vivek Nar | Intellectual Property Rights | Webinar | TCS and DJSCE, Mumbai | 24-08-2020 | 24-08-2020 | 1 |
| Dr. Mrunal Rupesh Rane | Webinar on role of Industry 4.0 technologies on business operations | Webinar | IEEE, SPTBI, Mumbai | 04-07-2020 | 04-07-2020 | 1 |
| Vivek Nar | SENSOR INSTRUMENTATION AND TECHNOLOGY | Workshop | IBM ICE Team. | 28-06-2020 | 01-07-2020 | 5 |
| Dr. Mrunal Rupesh Rane | Successful research papers: concepts to submission | Webinar | DJSCE | 28-07-2020 | 28-07-2020 | 1 |
| Dr. Mrunal Rupesh Rane | FDP on Intellectual Property Rights | FDP | TCS | 24-08-2020 | 24-08-2020 | 1 |
| Vivek Nar | Recent Trends in Green Energy and Smart Grids | STTP | VJTI | 20-12-2020 | 24-12-2020 | 5 |
| Dr. Mrunal Rupesh Rane | Machine Learni:Algorithms and Applications in Data Science | FDP | | 07-09-2020 | 12-09-2020 | 6 |
| Vivek Nar | Future of Automation, Control & Technologies | STTP | VJTI | 26-12-2020 | 30-12-2020 | 5 |
| Vivek Nar | Embeded Technology for IOT | Workshop | IBM ICE Team | 07-12-2020 | 10-12-2020 | 4 |
| Vivek Nar | AWS Builders Online Series | Webinar | Amazon | 21-01-2021 | 21-01-2021 | 1 |
| Vivek Nar | FDP-Shaping a Data Science Curriculum | STTP | SAS | 03-05-2021 | 07-05-2021 | 5 |
| Dr. Mrunal Rupesh Rane | Introduction to Artificial Intelligence (AI) | Coursera | | 18-06-2020 | 18-07-2020 | 30 |
| Dr. Mrunal Rupesh Rane | Assessment in Higher Education: Professional Development for Teachers | Coursera | | 03-06-2020 | 10-07-2020 | 35 |

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|------------------------|---|----------------------------|--|------------|------------|----------|
| Dr. Mrunal Rupesh Rane | Foundations of Virtual Instructions | Coursera | | 03-06-2020 | 10-07-2020 | 35 |
| Dr. Mrunal Rupesh Rane | Learning to Teach Online | Coursera | | 28-05-2020 | 09-06-2020 | 42 |
| Dr. Mrunal Rupesh Rane | Satellite Photometry and its Application | MOOC | | 29-06-2020 | 03-07-2020 | 5 |
| Ms. Bahar Soparkar | "Remote Sensing Applications in Agricultural Water Management". | Online Distance Learning | ISRO - IIRS outreach network centre | 03-08-2020 | 07-08-2020 | 5 |
| Ms. Bahar Soparkar | AICTE Sponsored Two Week Short Term Training Program | STTP | FRCRCE | 21-12-2020 | 01-01-2021 | 10 |
| Ms. Bahar Soparkar | "Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System" | Online Course | ISRO - IIRS | 17-08-2020 | 20-11-2020 | 84 hours |
| Sheeja Nair | Sheeja Nair | Competition | Hyundai | 20-03-2021 | 21-03-2021 | 2 |
| Prof Sheeja Nair | Prof Dr. Uday Salunkhe (Director, Welingkar University) | Competition | Maharashtra State Innovation Society | 23-04-2021 | 25-04-2021 | 3 days |
| Sheeja Nair | Sheeja Nair | Conference | Fr. C Rodrigues Institute of Technology | 15-01-2021 | 16-01-2021 | 2 |
| Sheeja Nair | Dr Ashish Kumar | Conference | Fourth International Conference on Advanced Informatics for Computing Research (ICAICR-2020) | 26-12-2020 | 27-12-2020 | 2 |
| Sejal Ameya Kadam | Learning to Teach Online | MOOC | Coursera-UNSW Sydney | 01-03-2021 | 12-05-2021 | 12 |
| Sejal Ameya Kadam | One day workshop on Sequel App | Workshop | SPIT, Andheri | 16-01-2021 | 16-01-2021 | 1 |
| Sejal Ameya Kadam | Millimeter wave technology | NPTEL certification course | NPTEL-IIT | 01-09-2020 | 01-11-2020 | 56 days |

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|-------------------|--|----------------------------|--------------------------|------------|------------|---------|
| Sejal Ameya Kadam | Microwave Theory & Techniques | NPTEL Certification Course | | 01-09-2021 | 30-12-2021 | 84 Days |
| Sejal Ameya Kadam | Evolution of RF Electromagnetics from Microwave to mm wave technologies | STTP | TEQIPP III-COE-CNDS VJTI | 19-12-2020 | 23-12-2020 | 5 |
| Sejal Ameya Kadam | IBM- Introduction to AIML | IBM ICE Training | IBM | 22-11-2019 | 24-11-2019 | 3 |
| Sejal Ameya Kadam | IBM-Python Programming | IBM ICE Training | IBM | 18-11-2019 | 20-11-2019 | 3 |
| Sejal Ameya Kadam | Webinar series on Machine Learning & Artificial Intelligence | Webinar | IEEE-SPIT | 23-05-2020 | 27-05-2020 | 5 |
| Sejal Ameya Kadam | Python Data Structures | COURSE RA-MOOC | University of Michigan | 15-05-2020 | 05-06-2020 | 49 Days |
| Sejal Ameya Kadam | Python Basics | Coursera-MOOC | University of Michigan | 01-05-2020 | 27-05-2020 | 28 |
| Sejal Ameya Kadam | Programming for Everybody | MOOC Course | University of Michigan | 15-04-2020 | 20-05-2020 | 49 |
| Sejal Ameya Kadam | Mathematics for Machine Learning-Linear Algebra | Coursera-MOOC | Imperial College London | 25-04-2020 | 29-05-2020 | 35 |
| Sejal Ameya Kadam | Introduction to Data Analysis using Excel | Coursera-MOOC | | 26-05-2020 | 26-06-2020 | 28 |
| Sejal Ameya Kadam | Data Science Math Skills | Coursera MOOC | Duke University | 28-04-2020 | 26-05-2020 | 28 |
| Sejal Ameya Kadam | Basic Data Descriptors, Statistical Distributions, and Application to Business Decisions | Coursera MOOC | | 08-05-2020 | 05-06-2020 | 28 |
| Sejal Ameya Kadam | Machine Learning for All | Coursera MOOC | University of London | 16-05-2020 | 14-06-2020 | 28 |
| Sejal Ameya Kadam | Effective Engineering Teaching in Practice | NPTEL certification Course | NPTEL | 20-02-2020 | 20-01-2020 | 28 |
| Sejal Ameya Kadam | FDP-The Joy of Computing Using Python | NPTEL Certification Course | NPTEL | 27-12-2020 | 17-09-2020 | 84 |
| Sejal Ameya Kadam | Antennas | NPTEL certification Course | NPTEL | 17-01-2020 | 27-04-2020 | 84 |

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| Ms. Bahar Soparkar | Introduction to Java | Coursera Online Course | y LearnQuest and offered through Coursera | 21-05-2021 | 27-05-2021 | 6 |
| Vivek Vijay Nar | Applications of Microsoft Power Automate & Virtual Assistant for AI Educational Bots | Workshop | DJSCE | 05-06-2021 | 05-06-2021 | 1 |
| Ms. Bahar Chetan Soparkar | AICTE Training And Learning (ATAL) Academy Online Elementary FDP | STTP | ATAL & Institute of Engineering & Management. | 14-06-2021 | 18-06-2021 | 5 |
| Ms. Bahar Chetan Soparkar | One week ISTE approved STTP on Recent trends, Research and Challenges in IoT Applications | STTP | Vidyavardhini's College of Engineering and Technology | 28-06-2021 | 03-07-2021 | 6 |
| Ms. Bahar Chetan Soparkar | FDP on Machine Learning & Deep Learning | FDP | TCS and Department of Mechanical Engg. DJSCE | 15-06-2021 | 15-06-2021 | 1 |
| Ms. Bahar Chetan Soparkar | AICTE Training And Learning (ATAL) Academy - ELECTRIC VEHICLES | STTP | SAKEC, MUMBAI | 05-07-2021 | 09-07-2021 | 5 DAYS |
| Mayur V. Parulekar | Innovation Ambassador training (Foundation Level) | Workshop | Ministry of Education & AICTE | 30-06-2021 | 30-07-2021 | 30 days |
| Vivek Vijay Nar | Digital System Design and Verification using CPLD | Workshop | IIT Bombay | 28-06-2021 | 10-07-2021 | 12 |
| Vivek Vijay Nar | Educator Awareness on Design thinking and Digital Age Innovation | Webinar | DJSCE | 12-08-2021 | 12-08-2021 | 1 |
| Ms. Bahar Chetan Soparkar | "Smart Computing" | STTP | DJSCE - Computers | 12-07-2021 | 16-07-2021 | 5 |
| Ms. Bahar Chetan Soparkar | Machine Learning : Applications in Communication & Signal Processing | Webinar series | DJSCE - EXTC | 22-07-2021 | 24-07-2021 | 3 |
| Ms. Bahar Chetan Soparkar | Educator Awareness on Design thinking and Digital Age Innovation | Webinar | DJSCE - Comps | 12-08-2021 | | 1 |

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| Ms. Bahar Chetan Soparkar | Blockchain and its Applications | STTP, AICTE sponsored STTP | VESIT (Approval No. 34-66 / 454 / FDC / STTP / Policy-1 / 2019-20) | 17-08-2021 | 21-08-2021 | 5 |
| Ms. Bahar Chetan Soparkar | Cybersecurity in the era of digital transformation | Webinar | DJSCE - ACM | 24-08-2021 | | 1 |
| Dr. Mrunal Rupesh Rane | Data Science | FDP | | 16-08-2021 | 20-08-2021 | 5 |
| Dr. Mrunal Rupesh Rane | Emerging Materials, Sensors and Devices for IoT and Industry 4.0 | FDP | ATAL | 23-08-2021 | 27-08-2021 | 5 |
| Dr. Mrunal Rupesh Rane | Internet of Things (Applications in Medical Science) | FDP | | 09-08-2021 | 13-08-2021 | 5 |
| Dr. Mrunal Rupesh Rane | Internet of Things: Product Design, Development and Implementation | FDP | ATAL | 02-08-2021 | 09-08-2021 | 5 |
| Sheeja Nair | Alternative fuels for IC Engine | STTP | AICTE Training And Learning (ATAL) Academy | 02-08-2021 | 06-08-2021 | 5 |
| Sheeja Nair | Challenges and Opportunities in Integration of Electric Vehicles with Smart Electric Grids | STTP | AICTE Training And Learning (ATAL) Academy | 16-08-2021 | 20-08-2021 | 5 |
| Sejal Ameya Kadam | IBM-Deep Learning | Training | IBM | 26-11-2021 | 30-11-2021 | 5 |
| Sejal Ameya Kadam | IBM Training | Training | IBM | 21-12-2021 | 24-12-2021 | 4 |
| Sejal Ameya Kadam | Poster presentation-ICCICT 2021 | Poster Presentat ion | SPIT, Mumbai | 25-06-2021 | 27-06-2021 | 3 |
| Sejal Kadam | MU- Syllabus setting | Member- Syllabus setting- ECS Branch- CE subject | FRRCRE on behalf of MU | 09-04-2021 | 12-04-2021 | 2 |
| Sejal Ameya Kadam | Webinar series on Machine Learning: Applications in Communication & Signal Processing | Webinar Series | DJSCE- EXTC departmen t | 22-07-2021 | 24-07-2021 | 3 |

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| Sejal Ameya Kadam | IEEE Authorship and OA Symposium | Symposium | IEEE | 26-08-2021 | 26-08-2021 | 1 |
| Sejal Ameya Kadam | AICTE approved STTP | STTP | VESIT, Chembur | 16-08-2021 | 21-08-2021 | 6 |
| Sejal Ameya Kadam | One day webinar on Cybersecurity in the era of Digital Transformation | Webinar | Computer Department, DJSCE | 24-08-2021 | 24-08-2021 | 1 |
| Mayur Parulekar | Introduction to Data Analytics using Tableau | Workshop | Placement Cell DJSCE | 18-09-2021 | 18-09-2021 | 1 |
| Dr. Prasad S. Joshi | NPTEL Online Certification - Design for Internet of Things | STTP | NPTEL | 01-07-2021 | 30-09-2021 | 8 Weeks |