

Dr. Sanjay A. Deokar

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Limayenager, Dhayari, Pune- 411041, Maharashtra
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PROFILE

- ✓ Passionate Electrical Engineering Professor and College Principal/Director Educational Institutes with gratifying teaching/administrative career of 29 years in promoting college /University education to young learners.
- ✓ Data Science, Machine Learning and Artificial Intelligence Consultant.
- ✓ Energy Audit, Green Audit, Power Quality Audit, Electrical Safety Audit and Environment Audit Consultant.
- ✓ Explored and experimented with innovative teaching methodologies to bolster academic, physical and behavioural development of students.
- ✓ Demonstrated professional excellence in providing comprehensive /clean administration to ensure all round development of campus environment.
- ✓ Recipient of several awards in recognition of services rendered in the field of education, societal development and general administration.
- ✓ Versatile professional with a strong academic background, having several research works, publications & presentation, journals, experimental models, scientific reports being published, as well as significantly contribute in developing course curriculum.
- ✓ Versatile experience at various positions like lecturer, Assistant Professor, Associate Professor, Professor and Principal with and Additional Responsibility of HOD, Vice Principal, Dean Academics, Director (Admission and Placements), Campus Director etc.

Skills and Certifications

- **Advanced Certification in Data science and AI: IIT Madras and Intellipaat.(Completed on 22/02/2023)**
 - Programming Language: Python, R, MySQL, Google language.
 - Data Visualisation: Matplotlib, Seborn, Power BI.
 - Math: Statistics, Linear Algebra, Differential Calculus.
 - Data Analysis: EDA, Data Wrangling, Feature Engineering.
 - Web Scraping: Beautiful Soup.
 - Machine Learning.
 - Deep Learning: NLP and Computer Vision.
 - IDE: Jupyter, Pycharm.
 - Deploy: Microsoft Azure Cloud.
 - Git/Github.
 - MLOps.
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- ✓ **Microsoft Ignite: AI Automation Cloud Skills Challenge Completed Nov: 2022.(MCID:993855995)**
 - Explore and Analyze data with python
 - Train and evaluate regression Models
 - Train and evaluate classification Models
 - Train and evaluate clustering Models
 - Train and evaluate deep learning Models
 - Use automated machine learning in Azure machine learning
 - Create a regression model with azure machine learning designer
 - Create a classification model with azure machine learning designer
 - Create a clustering model with azure machine learning designer
 - Introduction to machine learning SDK
 - Train a machine learning model with azure machine learning
 - Work with data in azure machine learning
 - Work with compute in azure machine learning

- Orchestrate Machine Learning with Pipelines
 - Deploy real-time machine learning services with azure machine learning
 - Deploy batch inference pipelines with azure machine learning
 - Tune hyper parameters with azure machine learning
 - Automate machine learning model selection with azure machine learning
 - Explore differential privacy
 - Explain machine learning models with azure machine learning
 - Detect and mitigate unfairness of models with azure machine learning
 - Monitor models with azure machine learning
 - Monitor data drift with azure machine learning
 - Explore security concepts in azure machine learning
- ✓ **Certification: Introduction to Cloud Computing Skillup by Simplilearn-Nov-2022.**
 - ✓ **Certification: Foundations:- Data, Data , Everywhere-By Coursera/Google:2022**
 - ✓ **Certification: Ask Questions to Make Data –Driven Decisions-By Coursera/Google:2022**
 - ✓ **Certification: Process Data from Dirty to clean-By Coursera/Google:2022**
 - ✓ **Certification: Machine Learning Pipelines with Azure ML Studio-By Coursera:2022**
 - ✓ **Certification: Azure Fundamentals Skillup by Simplilearn: 2022.**
 - ✓ **Certification: Introduction to Artificial Intelligence Skillup by Simplilearn: 2022.**
 - ✓ **Certified Energy Auditor & Manager (2008); Bureau of Energy Efficiency (BEE, EA-4494).**
 - ✓ **IGBC (Accredited Professional)- 2017; Indian Green Building Council, Hyderabad; ID-AA02EEHE(98/110).**
 - ✓ **Certification of National Skill Development Corporation of India; (NSDC):2019; Solar PV System Installation Engineer (Trainer ID: T- 016310) Level-V.**
- ✓ **Environmental Lead Auditor (ISO:14001- 2015(EMS) March, 2022: Udemy, Olanab Consultant Certificate No:UC-53747bf6-e7ed4f0d-9290-20278247da9e. Reference No-0004.**

Patents:

- ✓ **IOT based vehicle Emission Monitoring System. National Patent published (No-22021048782, Filing date: 09/11/2020, Publication Date: 01/01/2021).**
- ✓ **Blood Bank Availability: A real time Navigation System. National Patent No: 202321008451, Filing date: 09/02/2023).**
- ✓ **AI- driven agro based wedding fertilizer and seed sowing multipurpose machine. National Patent No: 202321008452, Filing date: 09/02/2023).**
- ✓ **Machine learning application in experimental analysis for cooling of jaggery by using heat exchanger. National Patent No: 202321015187, Filing date: 07/03/2023).**

Projects Completed:

Title: Electricity production forecasting using ARIMA model in Python and its deployment using Flask API.

Use Case: ARIMA, (Auto-Regressive Integrated Moving Average) is used on time series data and it, gives insights on the past values like lags and forecast errors that can be used for forecasting future values.

Skills Used:

- Python(Numpy,Pandas, Matplotlib),ARIMA.IDE:Jupyter,Flask API

Title: Residential building energy efficiency performance improvement using Decision Tree ML Model.

Skills Used:

- Python(Numpy,Pandas, Matplotlib, sklearn), Decision Tree ML Model .IDE:Jupyter,Flask API

Title: Spam SMS text messages detection using NLP model and its deployment using algorithmia as an API.

• **Objectives:**

- How to create an NLP model that detects spam SMS text messages
- How to use Algorithmia, a MLOps platform.
- How to deploy this mode into the algorithmia platform.
- How to use deployed NLP mode in any python application.

Skills used:

- Scikit-learn, Pandas, NumPy and Matplotlib ,nlTK, worldcloud, cleantext IDE:Jupyter, Algorithmia.

Title: Multivariate Air Pollution Forecasting with LSTMs in Keras and its production using Fast API.

- **Objectives:** To perform EDA and Feature Engineering to transform a raw dataset required for time series forecasting.
- To prepare data and fit an LSTM for a multivariate time series forecasting problem.
- To make a forecast and rescale the result back into the original units.

Skills used:

- Keras, Tensorflow,scikit-learn, Pandas, NumPy and Matplotlib and SciPy, IDE:Jupyter, Fast API.

Title: Performance Comparison of Machine Learning Algorithms on Iris Species Data Set in Python.

1. Logistic Regression
2. Linear Discriminant Analysis
3. K-Nearest Neighbors
4. Classification and Regression Trees
5. Naive Bayes
6. Support Vector Machines

Objectives: To use cross validation procedure to evaluate each algorithm, importantly configured with the same random seed to ensure that the same splits to the training data are performed and that each algorithms is evaluated in precisely the same way.

Skills used:

- Python, Scikit-learn.

Title: Convolutional Neural Network Models for Time Series Forecasting.

Objectives: The objective of this tutorial is to provide standalone examples of each model on each type of time series problem as a template that you can copy and adapt for your specific time series-forecasting problem.

- How to develop CNN models for univariate time series forecasting.
- How to develop CNN models for multivariate time series forecasting.
- How to develop CNN models for multi-step time series forecasting.

CAREER HIGHLIGHTS

Recognized with various Awards Like

- ✓ 12th State Level Excellence in Energy Conservation & Management Award from State Government of Maharashtra (Maharashtra Energy Development Agency) in individual category for the year: 2016-17-**First Prize**.
- ✓ Indo Global Engineering Excellence Award- 2015-16 for contribution in Academics.
- ✓ Zeal Ratna-2017-18 for contribution in Academics.
- ✓ 13th State Level Excellence in Energy Conservation & Management Award ceremony from State Government of Maharashtra (Maharashtra Energy Development Agency): **Certificate of appreciation** for contribution in Energy Auditor and Consultant Sector for the year: 2017-18.
- ✓ Outstanding leader in higher education-2022 by Elets Technomedia Pvt Ltd Delhi, in 2nd Education Innovation Summit-2022.

Area of Research: Application of Machine Learning and Artificial Intelligence(AI) in Smart Grid and renewables Technology, Solar Powered Battery Operated Electric Vehicles, Roof Top Solar Power and Net Metering, Green Building Technology, Energy Management, Power Quality in Smart Grid Technology.

PhD Research Topic: “Analysis of Power Quality Disturbances in Distribution Networks and its Mitigation Measures”.

EXPERIENCE RECITAL

SSPM, Sharadchandra Pawar College of Engineering and Technology, Someshwarnagar Baramati,Pune. Since 2020

Principal (SPPU Approval No: CCO/1944, Dated: 29/06/2022)

Zeal Education Society, Narhe Campus, Pune 2015-2019
Campus Director and Professor

Zeal College of Engineering and Research, Narhe, Pune 2013-2014
Professor (Electrical Engineering Department)
Director(Admission and Placements)

SSPM, Someshwar Engineering College, Someshwarnagar, Pune Principal	2014-2015
ZES, Dnyanganga College of Engineering and Research, Narhe, Pune Career Path: Assistant Professor and HOD, Professor, Vice-Principal & Principal	2009-2013
A.I.S.M.S. College of Engineering, Pune Career Path:	1998-2009
Lecturer	1998-2006
Asst. Professor	2006-2009
SES, College of Engineering, Kopargaon, A'Nagar Lecturer	1994-1998

Key Deliverables

- ✓ Plan and mobilize resources to ensure all round development of campus covering infrastructure, faculty, education and sports environment.
- ✓ Set up effective liaison and secure permanent affiliation of the college with the University of Pune.
- ✓ Secured all statutory clearances from regulatory authorities and recruited faculty /administrative staff to set the ball rolling.
- ✓ Ensuring adequate maintenance of entire infrastructure and facilities of the college by concluding maintenance contracts with reputed service providers.
- ✓ Conceptualized and implemented image building exercises for the institution to maximize enrolments to ensure operational viability of the institutions.
- ✓ Successfully running the institution and imparted it a strong positive image in the Education industry.
- ✓ Providing strategic inputs and vision & mission to implement new and advanced educational technologies.
- ✓ Developing administration budget for smooth management of the entire college infrastructure and facilities.
- ✓ Enforcing strict discipline and ensuring general compliance with office systems and procedures.

Consultancy Work:

- ✓ **Energy and Power Quality Audit of Engineering Educational Institutes:** More than 20 Energy and Power Quality Audits have completed.
- ✓ **Green Audit of Engineering Educational Institutes:** More than 10 Green Audits have completed.

ACADEMIC CREDENTIALS

- ✓ **Ph.D. (Electrical Engineering.);** SRTM University at SGGs, COET 2013.

Research (PhD) Guide For: SPPU Pune University and Dept. of Technology, SPPU, Pune - 2 students have awarded PhD. 3 students are working.

PG Guide: Eight students have awarded PG degree.

- ✓ **Master of Engineering (Electrical Power Systems):** PVG's, College of Engineering & Technology, Pune 2006 (1st Rank in Pune University).
- ✓ **Bachelor of Engineering (Electrical):** Walchand College of Engineering, Sangli, Shivaji University- 1992.
- ✓ **Diploma in Electrical Engineering:** Government Polytechnic, Khamgaon M.S.B.T.E., Mumbai -1989.
- ✓ **Senior Secondary (SSC):** Pune Board -1986.

Professional Memberships:

- ✓ Life Member for Indian Society for Technical Education (LMISTE), Fellow member of Institution of

Engineers (India), Chartered Engineer (I), IGBC Life Member, Member for International Association of Engineers (IAENG).

University Representation

- ✓ Board of Studies in Electrical; Engineering: Nominated Member: SPPU, Pune University-2018.
- ✓ Board of Studies in Electrical; Engineering: Nominated Member: BCNM University, Jalgaon-2018.

Institute Accreditation Experience: NAAC and NBA

International Jour. Reviewers

- ✓ IET Generation, Transmission & Distribution.
- ✓ IET Science, Measurement & Technology.
- ✓ European Transactions on Electrical Power.
- ✓ IEEE Transactions on Industrial Electronics

PERSONAL DETAILS

Date of Birth: 30th May 1971; **Language Proficiency:** Marathi,Hindi & English; **References:** Available on request

ANNEXURE-I

Paper Publications/ Conferences/ Workshops/ Seminars Attended

Paper Published

International Journals:

- ✓ “Hybrid Electric Vehicle Fault Diagnosis and Detection Technique”, International Journal of Engineering Research and Technology (IJERT), April-2021, Vol. 10, Issue-04, ISSN: 2278-0181,(UGC indexed), DOI Number:10.17577.
- ✓ “Improved Performance of Direct Torque Control with PMSM compared to DTC with Induction Motor”, International Turkish Journal of Computer and Mathematics Education, April-2021, Vol. 12, Issue-10, pp.6351-6361,ISSN:1309-4653,(Scopus Indexed),Impact factor:0.33,DOI Number:10.17762/turcomat.v12i10.5477.
- ✓ “Optimization techniques using DWT-differentiation algorithms for fault detection and relay coordination in a micro grid ”, Electrical Engineering, (Springer Journal,SCI) ,Feb-2021, Vol.103(1),pp.493-503,ISSN-1432-0487,Impact Factor-1.836, DOI Number:10.1007/s00202-020-01089-1.
- ✓ “Improvement of Traditional Protection System in the Existing Hybrid Microgrid with Advanced Intelligent Method ”, International Journal on Data Science, Dec.2020, vol.1(2), pp.72-81.ISSN:2722-2039, DOI Number:10.18517/ijods.1.2.72-81.2020.
- ✓ “Relay Coordination and Optimization techniques using DWTDifferentiation Algorithms for Fault Detection in Micro grid”, AIMS Energy, June.2020, vol.8(4).pp.563-579,ISSN-2233-8334,(UGC Indexed),Impact Factor-1.44, DOI Number:10.3934/energy.2020.4.563.
- ✓ “DWT-Differential Analysis Optimization technique Used in protection of Microgrid”, ADBU Journal of Electrical and Electronics Engineering (AJEEE), Vol.3(2), Nov.2019, pp.55-61,ISSN:2582-0257.
- ✓ “Differential Algorithm Based Intelligent Protection Scheme for Microgrid ”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) , vol.8(9s3),JULY.2019,ISSN:2278-3075, DOI Number:10.35940/ijitee.13026.0789s319.
- ✓ “A Real Time Control and Monitoring of Grid Power Systems using Cloud computing”, International Journal of Electrical and Computer Engineering (IJECE), April-2019, Vol.9,No-2(Scopus indexed).
- ✓ “Switching losses minimization and performance improvement of PCC and PTC methods of model

- predictive direct torque control drives with voltage source inverter”, Journal of Emerging Technologies and Innovative Research(JETIR), Sept.2018, Vol.5, Issue-9,ISSN-2349-5162.(UGC Listed).
- ✓ “Switching Losses Minimization and performance improvement of PCC and PTC methods of model predictive Direct Torque Control drives with 15-level inverter.”, International Journal of Electrical Systems and Information Technology, accepted for publication and under process, April 2018, Vol.5,pp.759-776, ISSN: 2314-7172. (Elsevier).
 - ✓ “Performance improvement of PCC and PTC methods of model-based predictive direct control strategies for electrical drives with multilevel inverter”, Journal of Electrical Engineering and Electronic Technology, Sept.2017, ISSN: 2325-9833.(J-Gate & Index Copernicus).
 - ✓ “Performance Evaluation of Dynamic Voltage Restorer Based on Transformer-based Z Source Inverter”, International Journal of Power Electronics and Drive System (IJPEDS), Vol. 8, No. 3, September 2017, pp. 1401-1408,ISSN:2088-8694(Scopus indexed).
 - ✓ “Switching Losses Minimization by Using Direct Torque Control of Induction Motor”, International Journal of Electrical Systems and Information Technology, (accepted for publication and in press, Dec.2016, ISSN: 2314-7172. (Elsevier).
 - ✓ “Enhancement of Power Quality Using Dynamic Voltage Restorer Based on E-Z Source Inverter”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, vol.04, issue-2, Feb. 2015, pp-1004-1013, ISSN: 2278-8875.
 - ✓ “Integrated DWT-FFT approach for detection and classification of power quality disturbances”, International Journal of Electrical Power and Energy Systems, Vol. 61, Oct. 2014, pp. 594-605. Impact Factor- 3.432, ISSN: 0142-0615.(Elsevier ,SCI).
 - ✓ “Discrete Wavelet Transform Based Classifier for PQ disturbance detection” in International Journal of Scientific & Industrial Research (JSIR), publication of National institute of science communication and information resources (NISCAIR), CSIR, India Vol. 72(2), Feb. 2013, pp. 92-100. Impact Factor- 0.7, ISSN: 0975-1084.(SCI).
 - ✓ “DVR control strategy for dynamic power quality disturbance mitigation”, International journal of scientific and research publications (IJSRP), vol.2, no.11, pp.1-9, Nov. 2012, ISSN: 2250-3153.
 - ✓ “Induction motor voltage flicker analysis and its mitigation measures using custom power devices: A case study”, in International journals on “Engineering science and technology (IJEST)”. Vol. 2(12), 2010, pp.7626-7640, ISSN: 0975-5462.
 - ✓ “Analysis of Distribution Transformer Performance under Non-linear Balanced Load Conditions and Its Remedial Measures”, in “International Journal of Emerging Technology and Advanced Engineering (IJETA)”. Vol. 1(2), December-2011, pp.152- 161, ISSN: 2250-2459.

International Conferences:

- ✓ IEEE International Conference, “Electronics Computer Technologies”- (ICECT-2011), 8-10 April-2011, on “Impact of Power System Harmonics on Insulation failure of distribution transformer and its remedial measures” at Kanyakumari, India. IEEE - Xplore Publication, ISBN-978-1-8679-3/11.
- ✓ IEEE international conference, “Power Electronics, Drives and Energy Systems” - (PEDES-2010), 20-23 Dec-2010, on “Voltage flicker assessment of Induction motors used in integrated water pumping station” at IIT-New Delhi. IEEE -Xplore Publication, ISBN-978-1-4244-7782-1.
- ✓ IEEE International Conference, “Control, Automation, Communication and Energy Conservation”- (INCACEC- 2009), 4-6 June-2009 on “Power system switching transient analysis using multi resolution signal decomposition technique” at Kongu Engg college Perundurai , Tamilnadu. IEEE Xplore Publication. ISBN-978-1-4244-4789-3.
- ✓ International Conference, “International conference on co-generation- (COGEN- 2008), 8-10 April-2008, on “Design and development of Passive filter for a modern Engineering College Laboratory-A case study” at INSTITUTE OF ENGINEERS (INDIA), Nagpur local centre in association with NIT, Nagpur.
- ✓ IEEE International Conference. “2nd International conference on Computer and Electrical Engineering”- (ICCEE-2009), 28-30 December-2009, on “Application of Wavelet based Transformation in Power Quality Analysis” at UAE, Dubai.
- ✓ IEEE International Conference, NSPC, 27--29 Dec.-2006 on “Optimal Scheduling of Load Sharing of Diesel Generating Sets to minimize Penal Maximum Demand Charges” at IIT, Roorkee.

- ✓ IEEE International Conference on “Electrical Rotating Machine”, April -2006 on “Maximum loss reduction by optimal placement of Capacitor on a distribution system” organized by IIT, New Delhi.
- ✓ International Conference on, “Wind Energy-Trends and Issues- (WETI)”, 5-7 Jan. - 2006 on “Optimized Design and Simulation of hybrid energy system for remote areas” organized by NITTI Bhopal.
- ✓ IEEMA International Conference, 4-5 Feb. 2004, on “Energy efficient I.M- A Copper cost rotor construction” organized by “Indian Electrical And Electronic Manufacturing Association” at New Delhi.
- ✓ International conference on Emerging Technology, ICET-19-23 Dec. 2003, on “Impact of Distributed Generation on Power System” organized by “Kalinga Institute of Industrial Technology, Bhubaneswar”.
- ✓ IEEE International Conference on Energy Systems and Application (ICESA) 2015 ,on “Different control schemes for Power Quality improvement using Embedded Z source based Dynamic Voltage Restorer.
- ✓ IEEE International Conference on Energy Systems and Application (ICESA) 2015, pp. 49-54., on "Design of embedded EZ-source inverter for the integration of renewable energy sources in smart grid.
- ✓ IEEE International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT), Sept. 2016 on “The novel design of three phase autotransformer”.
- ✓ IEEE International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT), Sept. 2016 on “Induction motor performance improvement using stator skewing”.
- ✓ IEEE International Conference on Science, Technology and Management (ICONSTEM) 2017, "Simulation for cascade multilevel inverter to improve PQ using solar photovoltaic as input source.
- ✓ IEEE International Conference on Communication and Electronics Systems (ICES), Oct. 2017, on “Switching power loss reduction in bidirectional AC/DC converter”, pp. 838-843.
- ✓ IEEE International Conference on Convergence in Technology (I2CT), Sept.2017, on “Advanced technique in micro grid protection for various fault by using numerical relay”, pp. 803-807.
- ✓ IEEE International Conference on Science Technology Engineering & Management (ICONSTEM), March, 2017, on “Solar based fifteen level inverter to enhance power quality”, pp. 575-579.
- ✓ IEEE International Conference on Data Management, Analytics and Innovation (ICDMAI), 2017 on “Harmonic mitigation in traction supply system using half bridge converter”, pp. 161-165.
- ✓ IEEE International Conference on Information, Communication, Engineering and Technology (ICICET)-2018 on “GRID TIE Solar Power Plant Data Acquisition System using Internet of Things”.

National Conferences:

- ✓ “Frequency analysis with reduced model order based PID controllers for higher order systems”, National Conference on “Instrumentation, Control and Signal Processing” Organized by SGGs, Institute of Engineering and Technology, Nanded during 8-9 July 2013.
- ✓ “Power quality disturbance classification using Discrete Wavelet Transform based EDMRA method”, National Conference on “Communication, Computing and Networking Technologies” Organized by SGGs, Institute of Engineering and Technology, Nanded during 15-16 March 2013, pp.219-223.
- ✓ “Potential of wind power in India and its future perspective”, organized by IEEE, ACE, Pune chapter on 13-14 Dec. 2003.
- ✓ “Energy Efficient Induction motor a new design aspect”, National conference on Emerging trend in Technology, Organized by Adhiyamman College of Engineering, Hosur, Tamilnadu during 8-10 Sept., 2003.
- ✓ “Modern trends in flexible A.C. transmission system”, National conference on Emerging trend in Technology, Organized by Adhiyamman College of Engineering, Hosur, Tamilnadu during 8-10 Sept., 2003.
- ✓ “Human Value Integration in the Development of Quality Education” ISTE, National Conference Organized by Kalinga Institute of Industrial Technology, Bhubaneswar, during 27-29 Dec., 2001.

Workshop/ Seminar Attended and Conducted

- ✓ Attended AICTE-ISTE Winter School of 15 days (From Feb 26 to 09 March, 1996) organized by “Walchand College of Engineering, Sangli.
- ✓ Attended Training on “Self Help Energy Audit and Management for SME’s” organized by MCCIA in association with Govt. Polytechnic Pune during Feb 28, March 01 - 07, 2003.
- ✓ Co-ordinated Technical Social activities organized by Rotary Club of Sinhgad Road, Pune Entitled “Survey of Electrical Installations in Pune City with Respect to Public Safety during Sept-Oct-2003.
- ✓ Worked as a “Referee” for State Level Student/Staff Technical Paper presentation Organized by BVDU, College of Engg. Pune as well as at JSPM, Narhe and other institutes in Pune.
- ✓ Organized One Day Social Technical Programme on “Awareness about energy Conservation in Rural Areas,

at Khadakwasla on 23/ 09/2005.

- ✓ Attended National seminar on “Power System Restructuring”, Organized by BVDU, College Of Engineering, Pune on 17-18 Oct., 2003.
- ✓ Organized national level workshop on “Advances in power system” during 2011-12.
- ✓ Organized national level workshop on “Hybrid Energy” during 2013-14.
- ✓ Organizing national level students symposium (From last five Year) “NIRMAAN” - Go Green.
- ✓

Expert Lecture Conducted:

- Expert Lecture at two day workshop on E-Vehicles organized by Rajiv Gandhi College of Engineering, Karjule, Haryana, Ahemadnagar in association with Savitribai Phule Pune University, Pune on 1st February 2020 and 2nd February 2020.
- Expert Lecture at two days National level workshop on "Modern Trends in Lighting and illumination Control" on 6th February 2020 and 7th February 2020, organized by Electrical Engg Department, AISSM'S IOIT in association with SPPU, Pune. Topic: All in One Integrated LED solar street light -A modern trend and Overview of international LED Luminaire Standards.

Subjects Taught:

- Undergraduate Level: Basic Electrical Engineering, Electrical Technology, Electrical Circuit and Machines, A. C. Machines, Digital Computational Techniques, Electrical Estimation and Commissioning, Energy audit and Management, Power quality, Smart Grid.
- Post Graduate level: Power Sector Economics and Management, Power System planning and Reliability, Power Quality Assessment and Mitigation.

Dr. Sanjay A. Deokar

Date:04/04/2023.

