

Name: Prof. Bhosale V.B.

Designation: HoD, Assistant Professor

Qualification: Ph.D.*, MS (CEPE)

Age: 37 Years

Experience: 15Years



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Area of Interest: Power System, Control System, Electrical Machines, DRE Integration to Power Grid, Renewable Energy, Network Analysis.

Publications:

1. International Conference: 02
2. National Conference: 01
3. International Journal: 01
4. National Journal: -Nil

Subject Taught:

- 1) Electrical Technology
- 2) Renewable Energy Sources
- 3) Linear Control System
- 4) Advanced Control System
- 5) Fundamental of Electrical Engineering
- 6) Electrical Technology
- 7) Electrical Power System
- 8) Network Analysis
- 9) Power Plant Engineering
- 10) Advanced Renewable Energy Systems
- 11) Electrical Utilization
- 12) Power System-I

Project Guided:

- 1) Design and Implementation of Smart Soar Street Light
- 2) Design and Development of Smart Solar Cooler(1st Prize-College Level Project Competition)
- 3) Design and Implementation of 800 Watts Solar Wind Generating System
- 4) Design and Software development of Battery Management System (BMS) for Electric Vehicle.
- 5) Energy for Irrigation: Focus on LT Network Restructuring
- 6) Design and Development of Exoskeleton for Paraplegic patients
- 7) Design and Development of Hybrid Electric Vehicle.
- 8) Design & Development of Induction Motor & Implementation for Improvement in Power Efficiency.
- 9) Design & Scheduling of “Testing of Electrical transformer CT, PT, & Relays.”

Funding Projects:

- 1) **Unnat Maharashtra Abhiyan- Unnat Bharat Abhiyan** in Collaboration with **CTARA, IIT Bombay:**
“Energy for Irrigation: Focus on LT Network restructuring AY 2022-24”
- 2) **Rajiv Gandhi Science and Technology Commission Scheme (RGSTC-DBATU):**
“Intelligent Hybrid Electric Vehicle: 2.5 Lakhs AY 2023-25”

Conferences / STTP / Workshops/Paper Publication:

- 1) *Appointed as Primary Evaluator in Toycathon 2021 organized by Ministry of Education, Ministry of MSME, Govt. of India.*
- 2) *Awarded as best teacher of the department for academic year 2022-23 on the occasion of Teachers day on 5th September 2023.*
- 3) *Appointed as Master Trainer in Solar Technology by National Institute of Solar Energy, MNRE, GoI.*
- 4) *Published research paper with entitled, "Design and Implementation of smart solar LED street light", is having 21,128 downloads and 50+citations. DOI.10.1109/IOCEI.2017.83800980 in IEEE 22nd Feb. 2018.*
- 5) *Awarded as best teacher of the department for academic year 2018-19 on the occasion of Teachers day on 5th September 2019.*
- 6) *Participated in the Training Workshop titled Energy for Irrigation: Focus on LT Network Design conducted under Unnat Maharashtra Abhiyan (UMA) sponsored by Directorate of Technical Education (DTE) and Higher and Technical Education Department, Maharashtra and organized by UMA cell, CTARA IIT Bombay and Bapurao Deshmukh College of Engineering, Sevagram, Wardha on 17th and 18th November 2022.*
- 7) *Participated and presented the carried work in the follow up Workshop titled Energy for Irrigation: Focus on LT Network Design - II conducted under Unnat Maharashtra Abhiyan (UMA) organized by MIT Aurangabad and conducted by CTARA IIT Bombay on 24th February 2023.*
- 8) *AICTE Training And Learning Academy online FDP on "ELECTRIC TRANSPORTATION INFRASTRUCTURE FOR E-MOBILITY IN INDIA" 2nd Aug. 6th Aug. 2021 by NIT Waranagal.*
- 9) *AICTE Training And Learning Academy online FDP on "Electrical Distribution System Analysis with Renewable Energy Sources" 7th– 11th June. 2021 by NIT Kurukshetra*
- 10) *AICTE Training And Learning Academy online FDP on "Emerging Technological Challenges in Electric Vehicle" 7th– 11th June. 2021 by Annapurna College of Engineering,*
- 11) *„Upskilling of Suryamitra on PV technology and Entrepreneurship" Organized by RENAC Renewable Energy, Germany 9th Feb to 11th Feb 2022.*
- 12) *AICTE Training And Learning (ATAL) Academy Online FDP on "Electrical Vehicle" from 16/11/2020 to 20/11/2020 organized by Aditya Institute Technology and Management*
- 13) *AICTE Training And Learning (ATAL) Academy Online FDP on "Energy Engineering" from 9/11/2020 to 13/11/2020 organized by Gandhi Institute of Education and Technology.*
- 14) *Prof. Bhosale V. B. participated & successfully completed FDP on "Engineering Education & The Industry: A Post COVID-19 Perspective" from 01/06/2020 to 05/06/2020 organized by Rajiv Gandhi Institute of Technology, Mumbai.*
- 15) *Prof. Bhosale V. B. participated & successfully completed 2 weeks FDP on "Research opportunities in Electrical Engineering" from 7/05/2020 to 16/05/2020 organized under Technical Education Quality Improvement Programme (TEQIP III) by Government college of Engineering Karad.*
- 16) *Prof. Bhosale V.B. successfully completed Coursera course on "Understanding Research Methods" conducted by University of London.*
- 17) *FDP on "Design and Development of Electric and Hybrid Electric Vehicle Technology" from 12-16 May 2020 organized by SAE INDIA, Western section and NKOCET.*
- 18) *FDP on "Recent Development in Electrical Transmission & Distribution" from 28 to 30 May 2020 organized by Godavari College of Engineering & Polytechnic, Jalgaon.*
- 19) *One Week FDP on "Implementation and simulation of Electrical Engineering Applications Using PLECS Tool"organized by Electrical and Electronics Engineering Department, VCE in Association with PLEXIM, Switzerland*
- 20) *FDP on "Design of Solar PV system by using PVSyst software" from 9-13 June 2020 organized by Vaagdevi College of Engineering.*
- 21) *Prof. V. B. Bhosale attended 4 Day FDP on "Implementation of advanced optimization technique by using MATLAB" from 1-6 June 2020 organized by RIT, Sangli.*
- 22) *FDP on "Industrial IoT, "Industry 4.0 and Distrutive Technologies" from 05-10 May 2020 organized by DBATU-Lonere.*
- 23) *Two week ISTE STTP on Electric Power System conducted by IIT Kharagpur organized by our institute from 10th July to 15th July 2017.*