

Faculty Profile

- **Faculty Name** : **Mr. Dhanaji S.Patil**
- **Designation** : **Assistant Professor**
- **Department** : **Electrical Engineering**
- **Mobile No.** : **7620315631**
- **Email Id.** :

• Educational Qualification

Sl.	Degree	University	Class
1	B.E.- Electrical Engineering	ADCET, Ashta Shivaji University, Kolhapur	First
2	M.Tech.- Power System	R.I.T (Autonomous)	Second

• Professional experience: - Total experience in years: -11

• Teaching: - 11 Industrial: -00 Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	March 2021 to till date
2	Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon	Assistant Professor	June 2016 to Feb 2021
3	Sanjay Ghodawat Institute, Atigre	Assistant Professor	July 2015 to May 2016

➤ Subject Taught: -

Undergraduate Subjects			
1	Basic Electrical Engineering	10	Computes Methods in Power system
2	Electrical Technology	11	Electrical Maintenance and Electrical Energy Audit.
3	Measurement & Instrumentation	12	Advanced Switchgear & Protection
4	DC Machines and Transformers	13	Renewable Energy Sources
5	AC Machines	14	Electrical Machines I
6	Advanced electrical Measurement	15	Electrical Machine Design
7	Power System-I	16	Power System Operation and Control
8	Power System-II	17	EHVAC
9	Power System-III	18	Network Theory

- **Project Work at U.G.:** Design and Hardware Implementation of Linear Induction Motor
- **Project Work at P.G.:-** Modeling and Performance of Power Factor Correction to Anti-Resonance in Growing Industries

➤ **Paper Presented in National & International Conference:-**

Sl.	Title	Name of Conference & Institute	Type* (NC/IC)	Date
1	Reactive power compensation by TBSC compensator with eliminating harmonic resonance	International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO) -	NC	2015
2	Coin-Based EV Charging Station Using Arduino	International Conference on Integrated Research & Sustainable Development (ICIRSD-2025)	NC	2025

*NC- National Conference

IC- International Conference

➤ **Paper Published in National & International Journal:-**

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	Modeling and Performance of TBSC Compensator for Power Factor Correction With Eliminating Harmonic Resonance in Growing Industries.	International Journal of Science Technology & Engineering.	NJ	June 2019	

* NJ- National Journal

IJ- International Journal

➤ **Patent Publication :-**

Sl.	Title	Type(design, utility)	Date	Design No
1	Sugar Cane Peeling Machine	Design	29/12/2022	368283-001
2	Vehical Optimal Torque Distribution Device	Design	21/11/2025	467359-001

➤ **STTP/FDP/Workshops/Attended/Participated:-**

Sl.	Name of STTP/FDP/workshop	Organized By	Date
1	Role of Online Education Resources in Implementing NEP 2020	Department of Library Science and Information Center in Association with IQAC	04/09/2021
2	Latest Trends and Opportunities in Telecom Sector	PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY	27 th June 2021

	Electrical Vehical Technology	Nanasaheb Mahadik College of Engineering	5 July to 9 July 2021
3	Advance Technology in Electrical and Electronics Engineering	Department of Electrical Engineering and Electronics in association with IEEE Power and Energy Student Chapter organized by IEEE North Karnataka sub Section	3 rd to 7 th Jan 2022
4	Role of Green Energy Towards Sustainable Smart Cities	Department of Electrical Engineering organized by IEEE JSSATEN Student Branch	13 February– 17 February,2024
5	NEP-2020: Guidelines for Syllabus Design	Ashokrao Mane Group of Institutions, Vathar	04/01/2026

- **No. of Project Guided at U.G. Level:** - 15
- **No. of Project Guided at P.G. Level:** - 00
- **Departmental Responsibilities:** Department Exam Coordinator
- **Other Experience/Responsibilities If Any:-** -
- **Social Contribution If Any:-** -.