

Faculty Profile

- **Faculty Name** : **Mr. Abhishek V. Kumbhar**
- **Designation** : **Assistant Professor**
- **Department** : **Electrical Engineering**
- **Mobile No.** : **8830591596**
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• Educational Qualification

Sr. No.	Degree	University	Class
1	B.E. Electrical Engineering	Shivaji University, Kolhapur	First class
2	M.Tech. (Power Systems and Power Electronics)	Rajarambapu Institute of Technology, Sakhrle (An Autonomous Institute)	First class with Distinction
3	GATE (2019)	-	50.67 out of 100 (AIR: 10467)

• Professional experience: -

Total experience in years: - 3.5

Teaching: - 01

Industrial: - 2.5

Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	17 August 2022 to Till Date
2	Nanasaheb Mahadik College of Engineering, Peth	Assistant Professor	September 2021 to August 2022
3	Prathamesh Enterprises, Islampur	Technical Engineer	July 2016 to April 2019
4	Shiv Solar Company, Islampur	Trainee Engineer	August 2020 to January 2021

➤ Subject Taught:-

Undergraduate Subjects			
1	HVDC and FACTS	2	Electrical Machines I
3	Power Electronics	4	Power System

➤ **Project Work at U.G.:-** Multipurpose pick and place robot

➤ **Project Work at P.G.:-** Design optimization of subsynchronous Damping controller of STATCOM for damping of subsynchronous resonance

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

Sl.	Title	Name of Journal/Conference	Type* (NJ/IJ)	Date	ISSN No.
1	A new design of single switch DC-DC converter for PEM fuel cell based EV system with variable step size RBFN controller	Sadhana, Springer (Impact Factor 1.118 H-index: 52)	IJ	30 th June 2022	02562499, 09737677
2	Reducing Grid Dependency and Operating Cost of Micro Grids with Effective Coordination of Renewable and Electric Vehicle's Storage	11th International Conference on Soft Computing for Problem Solving (SocPros 2022), IIT Mandi	IC	14 th May 2022	-
3	Review on EV charging impact on Distribution system	National conference on 'Emerging Trends in Electric Mobility and Sustainable Developments: Opportunities and challenges', RIT Sakhrle	NC	13 th May 2022	-
4	Renewable Energy Sources Integration with EVs: A Review				
5	Analysis of Subsynchronous Resonance in Transmission Line	National Conference on "Recent Advances in Engineering and Technology"	NC	6 th August 2021	-
6	Review on Design optimization and Topologies of PV Microinverter	International Research Journal of Engineering and Technology	IJ	11 th Nov. 2021	2395-0056

* NJ- National Journal IJ- International Journal NC- National Conference
IC- International Conference

➤ **No. of Project Guided at U.G. Level:- 06**

➤ **No. of Project Guided at P.G. Level:- 00**

➤ **STTP/FDP/Workshops Attended:-**

Sl.	Name of STTP/FDP/workshop	Institute	Date
1.	Advances in Power Electronic converters for Distributed Generations and Industrial Applications	AICTE Training And Learning (ATAL) Academy organised by Uday Prasad Government Polytechnic, Durg (CH),	15 th Nov 2021 to 19 th Nov 2021
2.	Electric Transportation Infrastructure for E-Mobility in India	AICTE Training And Learning (ATAL) Academy organised by National Institute of Technology, Warangal	2nd August to 6th August 2021
3.	Power Electronics Applications in machine Drives and Power System	AICTE Training And Learning (ATAL) Academy organised by National Institute of Technology, Mizoram	8 th Feb 2021 to 12 th Feb 2021
4.	Need of Artificial Intelligence in Energy Storage System	AICTE Training And Learning (ATAL) Academy organised by Kallam Haranadhareddy Institute	7th Sept. 2020 to 11th Sept. 2020

		of Technology, Guntur	
5.	Present Trends Research in Electrical Vehicles	Department of Electrical Engg. R.I.T., Sakhrale	27th may 2020 to 31st May 2021
6.	Power System Optimization using GAMS	Department of Electrical Engg. R.I.T., Sakhrale	11th May 2020 to 16th May 2021

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	Basics of MATLAB and its Engineering Applications	NMCOE, Peth	14 th March to 19 th March 2022
2	GARVITA 2k22 (Paper Presentation)	NMCOE, Peth	7 th June 2022

➤ **Departmental Responsibilities:** - GATE, NPTEL and Competitive exam Co-ordinator & TY Class Cordinator

➤ **Professional Membership If Any:-**

1. International Association of Engineers (IAENG), Membership number: 296385