

## Faculty Profile

- **Faculty Name** : **Rahul Sukhadeo Pukale**
- **Designation** : **Assistant Professor**
- **Department** : **Electrical Engineering**
- **Mobile No.** : **9421403181**
- **Email Id.** : **rsp@amgoi.edu.in**

### ● Educational Qualification

Sl.	Degree	University	Class
1	B.E.- Electrical Engineering	Shivaji University, Kolhapur, Annasaheb Dange College of Engineering & Technology, Ashta	First Class with Distinctions
2	M.Tech.- Electrical Engineering (Power System)	Shivaji University, Kolhapur, Rajarambabu Institute of Technology (An Autonomous Institute), Rajaramnagar, Islarmpu.	First Class with Distinctions

### ● Professional experience:-

**Total experience in years:-6.7 Years**

**Teaching: - 6.7**

**Industrial: -00**

**Research: -00**

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	16 January 2014 to Till Date
2	Someshwar Polytechnic College Someshwarnagar	Lecturer	16 August 2013 to 10January 2014

### ➤ Subject Taught:-

<b>Undergraduate Subjects</b>			
1	DC Machine and Transformer	2	Electromagnetic and Electrical Circuits
3	Network Analysis and Synthesis	4	Advanced Switchgear and Protection
5	Basic Electrical Engineering	6	Electrical Technology
7	Electrical Engineering Materials	8	Electrical Machine-I
<b>Postgraduate Subjects</b>			
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- **Project Work at U.G.:-** Hybrid Power Generation
- **Project Work at P.G.:-** Maximum Power Point tracking by using hill climb search algorithm for Wind system.
- **Research Area of Interest:-** Renewable Energy Sources
- **Paper Presented in National & International Conference:-**

Sl.	Title	Name of Conference & Institute	Type* (NC/IC)	Date
1	“Data Collection of Variable Wind Speed to Study The Change in Power and Power Coefficient”	IEEE International Conference on Energy Efficient Technologies for Sustainability, Tamil Nadu, India	IC	10th to 12th April 2013.
2	“Simulation for Power Generation Related to Variable Wind Speed Using Matlab”	IEEE International Conference on Energy Efficient Technologies for Sustainability, Tamil Nadu, India	IC	10th to 12th April 2013.
3	Optimal Power Flow Based on PSO	International conference On CIDM, PP109-121, India	IC	11th Dec 2015
4	“Optimal Design Configuration Using HOMER”	International Conference on Emerging Trends in Engineering, Science and Technology PP499-504	IC	2015
5	“Modelling and Simulation of Dynamic Voltage Restore”	IEEE International Conference on Innovations in Green Energy and Healthcare Technologies, Tamil Nadu, India.	IC	16th to 18th March 2017.
6	“Automatic Meter Reading of Electricity by Using Power Line Communication”	IEEE International Conference on Innovations in Green Energy and Healthcare Technologies, Tamil Nadu, India	IC	16 <sup>th</sup> to 18 <sup>th</sup> March 2017.
7	Simulation for Control Strategy of Power Converter in Wind Energy Conversion System”	National Conference on “Electronics for Rural Development” NCETC 13 Sakharale (Islampur) Maharashtra, India.	NC	7th - 8th June 2013

\*NC- National Conference

IC- International Conference

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

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	Small Scale Horizontal Wind Turbine System using DC- DC Boost Converter	International Research Journal of Engineering and Technology	IJ	2 Feb 2016.	
2	Small Design Implementation and Study of Electrical Machine Laboratory Experiments	International Journal of Innovative Research Journal in Electrical, Electronics, Instrumentation and Control Engineering	IJ	3 <sup>rd</sup> March 2016	

\* NJ- National Journal

IJ- International Journal

➤ **No. of Project Guided at U.G. Level:-** 12

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

➤ **No. of Certified Courses completed:-** 00

➤ **Expert Lectures Delivered as a Resource Person:-00**

Sl.	Name of STTP/FDP/workshop/Conference	Institute	Date
1			

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

Sl.	Name of STTP/FDP/workshop	Institute	Date
1	Two weeks workshop on “Electrical power system”	IIT kharagpur held at SGI atigare	12th June 2017-15th July 2017
2	workshop on “How to write a book and Access of E-Resource”	Ashokrao Mane Group of Institutions, Vathar under lead college activity SUK	16th Feb 2017
3	One day workshop on “Research Methodology & Patent Filling”	Ashokrao Mane Group of Institutions, Vathar under lead college activity SUK	7th Jan 2017
4	Two day workshop on “Electrical Machine Design using Auto CAD”	Ashokrao Mane Group of Institutions, Vathar under lead college activity SUK.	29th & 30th Dec. 2015
5	One day faculty Development workshop on “ Accreditation By NBA-June 2015 format”	Ashokrao Mane Group of Institutions, Vathar department of Electronics & telecommunication engineering under lead college activity SUK.	8th Nov. 2015
6	One day work shop on “Energy Audit”	Ashokrao Mane Group of Institutions, Vathar department of Electrical Engineering AMGOI, Vathar-	21st Jan 2015
7	One day work shop on “Role of teacher in knowledge management & evaluation process of NBA accreditation”	AMGOI, Vathar-Tarf- Vadagaon Kolhapur -416112, Maharastra	2nd Feb 2014.

8	one day work shop on “Overall personality Development”	Ashokrao Mane Group of Institutions, Vathar department of Electrical Engineering AMGOI, Vathar- under lead college activity Shivaji University Kolhapur	18th Feb. 2015
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➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	Five days FDP on Product Design Engineering	DBATU held at AMGOI Vathar	20 <sup>th</sup> -24 <sup>th</sup> Dec 2018

➤ **Book Published:-00**

➤ **Departmental Responsibilities:-**NBA Criteria Coordinator, Project Coordinator, Alumni Coordinator.

➤ **Other Experience/Responsibilities If Any :-**

➤ **Social Contribution If Any:-** Donated Blood

➤ **Professional Affiliation:-**

➤ **Professional Membership If Any:-**