

## RESUME

### Personal Information

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**Name** : Mrs. Rujuta Omkar Kambli

**Designation** : Lecturer, Vidya Prasarak Mandal's Polytechnic, College Campus, Thane (W) -400601(MS).

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### Educational Qualifications

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**M.Tech - Electrical Eng. specialization in Power System from RIT, Rajaramnagar, Sangli , Autonomous Institute Affiliated to Shivaji University (2015)**  
CPI-7.21

**B.E. Electrical Eng from FAMT Ratnagiri, Mumbai University (2011) - Distinction.**

#### Computer Proficiency:

- Completed **SP3D Electrical**
- Acquainted with MS- office, MATLAB. SCILAB, AutoCAD, DIgSILENT Power Factory.

### Experience

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Working as **Lecturer** in the Department of Electrical Power System of the V.P.M's Polytechnic since 16-12-2020

Working as **Assistant Professor** in B. R. Harne College of Engineering and Technology, from 17-01-2017 to 31-01-2020

Working as **Assistant Professor** in Dept. of Electrical Engineering at Finolex Academy of Management and Technology from 08-07-2015 to 30-11-2015

Working as **Intern** in Reliance Energy, Mumbai from 01-06-2014 to 31-05-2015

Working as **Lecturer** in Mandar Education Society Rajaram Shinde College of Engineering from 01-03-2012 to 31-03-2012

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### **Professional Activities:**

- a) Curriculum revision project, Oct 2022, Advanced Diploma in Energy Management & Audit (EW Course).
- b) Work in TCS activity on Project “Maruti” 1 Nov. 2022.
- c) Curriculum development for Skilled based Diploma, Non AICTE Course- Diploma in Fisheries, April 2021.
- d) Sample paper preparation for Advance diploma in Energy Management for subjects
  - 1) Renewable Energy
  - 2) Fundamentals of Thermal Utilities
  - 3) Energy Audits
- e) Sample paper preparation for diploma in Electrical Power System for subjects
  - 1) Power System Analysis
  - 2) Electrical Circuits & Networks
  - 3) Illumination Engineering
- f) Committee member of 27<sup>th</sup> National Conference on "Sensors in Automation" at VPM's Polytechnic, Thane.
- g) Committee member of 28th National Conference on "Battery Electric Vehicle & Related Technologies" at VPM's Polytechnic, Thane.
- h) Working as a lab in charge for Power System lab
- i) Worked as Departmental Criteria Coordinator for NAAC (Criteria 1&3) at BRHCET
- j) Faculty coordinator for Annual Technical Event 2018-2019
- k) Worked as a lab in charge for Basic Electrical Engineering lab in 2018-2019

### **Conference attended/ Journal Publication**

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- Published a research paper entitled “Hydrogen Fuel Cell Electric Vehicles: Future of Sustainable Mobility”, International Journal of Trend in Scientific Research and Development (IJTSRD), E ISSN 2456-6470, Volume 7, Issue 3, May 2023.
- Published a research paper entitled “Converting Ordinary Bicycle Into BEV” at 28th National Conference Magazine, Battery Electric Vehicle & Related Technologies, Page no. 25, April 2022.
- Published a research paper entitled “Electric Vehicles in India: Future and Challenges” at International Journal for Research in Applied Science and Engineering Technology, Volume 10, Issue II, February 2022.

- Published a research paper entitled "Net Metering For Distributed Solar PV Rooftop System" at 10<sup>th</sup> National Conference on Indian Energy Sector- "Synergy with Energy," May 2015.
- Presented a paper entitled "Feasibility Study for the Net Metering Implementation in Rooftop Solar PV Installations across Reliance Energy Consumers", at IEEE International Conference on Circuit, Power and Computing Technologies (ICCPCT), March, 2015.
- Presented a paper entitled "Demand Side Management: A Review" at Technical Journal of Pune Local Centre of the Institute of Engineers, India (IEI), Vol. 38 Nov. 2014.

### FDP /Training/workshop attended in last 2 yr

Sr.no	Title of Training	Conducted by	Date / Duration
1	FDP on "Innovation, Incubation & Start-Up Culture"	MSBTE Approved FDP, VPM's Polytechnic, Thane	13 <sup>th</sup> - 17 <sup>th</sup> March 2023
2	One week FDP on "Transforming Teaching Learning Process Through Modern Pedagogical Techniques"	Approved by ISTE, Vidyalankar Polytechnic	8 <sup>th</sup> - 13 <sup>th</sup> August, 2022
3	Online Training Programme on "Green and Sustainable Energy Development"	National institute of technical teachers training and research (NITTTR)	25.10.2021 to 29.10.2021
4	"Virtual Labs Outreach Workshop"	PVG's COET & GKPIOM, Virtual Labs Regional Center (Pune) RCID 01 & Nodal Center 20	24/09/2021
5	MSBTE Approved Three Days National Level Online Faculty Development Program on "Recent Technologies in Electrical Engineering".	Bharati Vidyapeeth's Jawaharlal Nehru Institute of Technology (Poly) Dhankawadi, Pune	14 <sup>th</sup> July to 16 <sup>th</sup> July2021.
6	Three Days Online Faculty Development Program on "Electrical CAD"	Pravin Patil College of Diploma Engineering and Technology	08 <sup>th</sup> July to 10 <sup>th</sup> July2021.
7	MSBTE approved 1 week online Faculty Development Programme on - "Recent Trends in Emerging Technologies"	V.E.S. Polytechnic, Chembur, Mumbai	23/5/21 to 27/5/21
8	Faculty Development Program collaboration with Spoken Tutorial, IIT Bombay, on "Arduino"	J D College Of Engineering & Management, Nagpur,	01/6/2020 to 06/6/2020
9	1 week Faculty Development Program on "Modern Trends in Electrical Drives"	Dept of EE, NIT, Nagpur	19 <sup>th</sup> to 23 <sup>rd</sup> May 2020

10	1 week workshop on “Smart Grids: Renewable Integration and Microgrids”	TQUIP-II , VJTI, Matunga	25/2/2017 to 01/3/2017
11	Workshop on “Power System Analysis Software DlgSILENT Power Factory”	TQUIP-II , COEP, Pune	22 <sup>th</sup> to 24 <sup>th</sup> July 2014
12	National Training Program for Rural Distribution Franchises	MSEB Ratnagiri sponsored	08 <sup>th</sup> Feb. to 10 <sup>st</sup> Feb.2011

### Seminar / Conferences attended

Sr.no	Name of the Programme	Duration	Host Institute
1.	National conference on Pune Local Centre of the Institute of Engineers, India (IEI)	18 and 19 Oct. 2014	IEI Pune
2.	EEE International Conference on Circuit, Power and Computing Technologies (ICCPCT)	14 <sup>th</sup> & 15 <sup>th</sup> March 2015	Noorul Islam College of Engineering, Thuckalay, Kumarakovil, Tamil-Nadu
3.	Seminar on Electrical Power System & HV,LV Switchyard & Related Faults	8th April 2021	Vpm's Maharshi Parshuram College Of Engineering, Guhagar
4.	26 <sup>th</sup> National Conference on Technological Innovations in Workplace Safety	23rd and 24th April 2021	V.P.M's Polytechnic
5.	27 <sup>th</sup> National Conference on "Sensors in Automation”	19th and 20th Nov 2021	V.P.M's Polytechnic
6.	28 <sup>th</sup> National Conference on "Battery Electric Vehicle & Related Technologies”	16th April 2022	V.P.M's Polytechnic

**Mrs.Rujuta O. Kambli**  
Lecturer

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