

## Curriculum Vitae

**Name:** Dr. Revati G. Godse

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**Date of Birth:** 24<sup>th</sup> May 1991



### Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
Ph.D.	Power System	VNIT, Nagpur		2020		
M. Tech.	Power System	Walchand College of Engineering Sangli	Shivaji University	2015	8.36	Distinction
B.E./B.Tech.	Electrical, Electronics and Power	Government College of Engineering Aurangabad	BAMU	2012	7.635	Distinction

**M. Tech. Project:** Design and Implementation of Quadrilateral and Elliptical Relay on TLS using NRDE

**Ph. D. Research:** Some Studies in the Enhancement of Protective Relaying Algorithms using Mathematical Morphology and Machine Learning

**Key Research Areas:** Power System, Smart Grid Protection, Machine Learning

## Experience

Sr. No.	Organization	Post	From	To	No. of Years
1	Maharashtra Institute of Technology, Aurangabad	Assistant Professor	22 <sup>nd</sup> March 2021	to till date	

## List of Courses Taught/Teaching at UG level

- AC Machines
- Robotics and Automation

## Additional Assignments/Duties

- Working as NAAC and AQAR Coordinator.
- Working as Department ICC Coordinator.
- Working as DSY admission committee member.
- Working as Internal Academic Audit committee member.
- Working as Department NIRF Coordinator.
- Working as Department NIRF Coordinator.
- Working as Departmental Advisory Board Committee member.
- Working as Departmental Budget and SSS coordinator.
- Working as a Power System Lab In-charge.

## Membership of Professional Bodies

- IEEE (Membership no. 93812365)

## Computer/Software Proficiency

- MATLAB
- Scilab
- Python
- Latex
- PSCAD/ATP-EMTP
- Mi-Power

## Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

- 5-day online FDP on the theme **“Inculcating Universal Human Values in Technical Education”** organized by All India Council for Technical Education(AICTE) from 28 June, 2021 to 2 July, 2021.
- One Day Online Workshop on **“OBE Concepts & Implementation and Digital Preparedness for NBA”**, organized by Internal Quality Assurance Cell(IQAC), Maharashtra Institute of Technology, Aurangabad on 29th May 2021.
- Five days online workshop on **“Recent Trends in Power Systems (RTPS-2021)”**, 23-27 Feb 2021, Department of Electrical and Electronics Engineering, National Institute of Technology Sikkim, India (Participation).
- Five days online Faculty Development Program on **“Recent Trends in Intelligent Control Techniques for Renewable Energy Systems and Electric Vehicles”**, 12-16 Oct 2020, Department of Electrical Engineering, National Institute of Technology Hamirpur, Himachal Pradesh, India (Participation).
- Online short term course on **“Smart Electric Grids: Operations, Protection and Control”**, 14-18 Sept 2020, National Institute of Technology Meghalaya, Shillong, India (Participation).
- Five days online Faculty Development Program on **“Real-time Applications of OPAL-RT for Power Electronics, Smart Grid and Microgrid”**, 3-7 Aug 2020, School of Electrical Engineering, VIT Chennai, India (Participation).
- One Week International Online Faculty Development Program on **“Real-time Protection of Modern Power Systems (RPMPS-2020)”**, 23-27 June 2020, Kakatiya Institute Of Technology & Science in association with IEI –Warangal, India (Participation).
- Five days workshop on **“Smart Techniques in Power System”** 15-19 March 2019, Visvesvaraya National Institute of Technology Nagpur, India (Participation).
- Short term training program on **“Advances in Power System”**, 21-25 Jan 2019, Department of Electrical Engineering, Visvesvaraya National Institute of Technology Nagpur, India (Volunteer and Participation).
- Short term training program on **“Recent Trends in Power System”**, 16-20 July 2018, Department of Electrical Engineering, Visvesvaraya National Institute of Technology Nagpur, India (Participation).

- Six days workshop on “**Recent Techniques for Energy Management in Smart Grid**” 29 Jan-03 Feb 2018, Visvesvaraya National Institute of Technology Nagpur, India (Participation).
- Faculty Development Programme (FDP) on “**3 Days Hands on Workshop on Digital Signal Processing**” 5-7 March 2016, Visvesvaraya National Institute of Technology Nagpur, India (Participation).
- One week workshop on “**Transmission Line Simulator (TLS-08) and Numerical Relay Development Environment (NRDE)**”, 8-12 Aug 2014, Walchand College of Engineering, Sangli, India (Participation).
- Two days “**Automation Workshop**”, Feb 2014, Walchand College of Engineering, Sangli, India (Participation).

### List of Research Publications

#### Papers in National/ International Journal

- **Revati Godse**, Sunil Bhat, “A Real-Time Digital Filtering Algorithm for Elimination of the Decaying DC Component using Mathematical Morphology,” *IET Generation, Transmission & Distribution*, vol. 13, no. 15, pp. 3230-3239, 2019.
- **Revati Godse**, Sunil Bhat, “Mathematical Morphology-Based Feature-Extraction Technique for Detection and Classification of Faults on Power Transmission Line,” in *IEEE Access*, vol. 8, pp. 38459-38471, 2020.
- **Revati Godse**, Sunil Bhat, “Combined Morphology and SVM-based Fault Feature Extraction Technique for Detection and Classification of Transmission Line Faults,” in *Turk J Elec & Comp Sci*, vol. 28, no. 5, pp. 2768-2788, 2020.

#### Papers in National /International Conference Proceedings

- **Revati Godse**, Sunil Bhat, “Comprehensive Study and Analysis of Frequency and Phasor Estimation Algorithms,” *2020 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE2020)*, Cochin, 2020, pp. 1-6.
- **Revati Godse**, Sunil Bhat, “Comparative Evaluation of DFT-based Phasor Estimation Algorithms,” *International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE)*, Bhubneshwar, **2018**, pp. 2463-2468.
- **Revati Godse**, Anil Vaidya, “Design and implementation of quadrilateral and elliptical relay on TLS using NRDE,” *2015 Annual IEEE India Conference (INDICON)*, New Delhi, **2015**, pp. 1-6.

## **Awards, Achievements and Recognition**

- Best Paper Award at 2015 Annual IEEE India Conference (INDICON), New Delhi.

Date: 19/07/2021

Place: Aurangabad