

## Curriculum Vitae



**Name:** SONALI ARVIND SABNIS

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**Date of Birth:** 28/12/1987

### Academic Credentials

Class/ Degree	Specialization	Institution	Univer sity	%/CGPA	Class
M.E.	Electrical Machines & Drives	Government College of Engineering, Aurangabad	Dr. BAMU	8.25	Distinction
B.E.	Electrical (Electronics & Power) Engineering	Government College of Engineering, Aurangabad	Dr. BAMU	68%	Distinction

**M. Tech. Project:** Design, fabrication and performance analysis of three phase linear induction motor

**Key Research Areas:** Electrical Machines, Power Electronics

### Experience

Sr. No.	Organization	Post	From	To	Years	Months
1	Government college of Engineering, Aurangabad	Visiting Faculty	JUNE 2010	APRIL2011	0	11
2	JAWAHARLAL NEHARU ENGINEERING COLLAGE , ,AurangabadAurangabad	Assistant Professor	May 2011	27 May 2012	1	0
5	Marathwada Institute of Technology	Assistant Professor	28 May 2012	Present	10	3

#### List of Courses Taught/Teaching at UG level

- Electrical Machines I & II
- Special Purpose Electrical Machines
- Power electronics
- Elements of Electrical Engineering
- Electrical Machines Design
- Electromagnetic Fields
- HVDC and FACT Devices

#### List of Courses Taught/Teaching at PG level

- Electrical Machine Modelling and Analysis
- Power Electronics for Renewable Energy System

#### Additional Assignments/Duties

- Working as a Departmental Term Work & Practical Exam Coordinator,(2012-13)
- Lab in charge( Computer lab),( 2012-2014)
- Time table coordinator, **2013-2014, 2020-21, 2021-22, 2022-23**
- Lab in charge( Electrical Machine Lab), (2014-till date)
- Working as a Departmental Program assessment Committee member,( 2014-15)
- Working as a Departmental Alumni co-ordinator,(2012-till date)

- In first year Admission ARC Member (2014-15)
  - BAMU LIC -Coordinator,(2014-15 to 2019)
  - Departmental Academic Committee co-ordinator,(2015 to 2019)
  - Under Study(US) for DR.BAMU Exam NOV-DEC 2016)
  - Working as a Departmental Term Work & Practical Exam Coordinator for BATU (2019-20),(2020-21)
  - Working as a Departmental Term Work & Practical Exam Coordinator for BAMU (2019-20),(2020-21),2021-22
  - Class Teacher of TY class 2021-22 part-II
  - Worked as Class Test Coordinator.
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### **Membership of Professional Bodies**

- Lifetime member of Institute of Engineers

### **Research Projects/Projects Guided**

NIL

### **Computer/Software Proficiency**

- MATLAB
- PSIM

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

- FDP conducted by IIT Bombay on “Foundation Program in ICT for Education” and “Pedagogy for Online and Blended teaching learning process” from August 2017 to October 2017.
- Elite Certification + Silver in the NPTEL course on “Accreditation and Outcome Based Learning” during Aug-Oct 2019
- Online FDP on "Energy Engineering" from 2020-10-5 to 2020-10-9 at VISHWAKARMA INSTITUTE OF TECHNOLOGY.

- online workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 28 September – 2 October, 2020 as organized by All India Council for Technical Education(AICTE).
- one-week online faculty development programm on "Advanced Power System Protection" from 01-12-2020 to 05-12-2020 under TEQIP III – Center of Excellence in Smart Renewable Energy System (CoE-SRES) in association with IEEE PES- IAS Chapter, Pune Section.
- Two-week on-line Faculty Development Program on Research Opportunities in Electrical Engineering Under Technical Education Quality Improvement Program (TEQIP-III) organized by Department of Electrical Engineering, Govement college of Engineering Karad during May 7-16, 2020.
- Online FDP on "Energy Engineering" from 2020-12-7 to 2020-12-11 at GLOBAL ACADEMY OF TECHNOLOGY.
- AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "Basics of Electric Vehicles" from 25/02/2022 to 01/03/2022 at Thapar Institute of Engineering & Technology
- AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Research Trends in Design and Control of Electric Vehicles" from 17/01/2022 to 21/01/2022 at College of Engineering Perumon.
- two days Training Program on “**Electrical Equipment’s - Study & Testing**” from 25th to 26th May, 2020. Organized by Department of Electrical Engineering, Rajarambapu Institute of Technology, Rajaramnagar under the aegis of RIT-IEEE Student Branch and Center for Teaching & Learning (RIT-CTL), in association with FLUKE and Revine Technologies Pvt. Ltd Pune.
- Five days online webinar on series on “Essentials of soft skills ,interpersonal skills and laboratory documentation in the line with NBA accreditation. From 26to 30 May2020 organised by Automobiler Engineering Department , RAjaram Bapu Institute of Technolgy,Sangli
- Aandhara palikadacha Prakash By Prakash Baba Amte Hosted By MIT Aurangabad

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#### **Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference organized**

- Organize Five day Workshop for Students on Electrical Auto CAD from 26/3/15 to 30/3/15
- Organize “A 4 Days Hands on Training in "Design & Testing of Three Phase Distribution Transformers" (25th April 2022 to 28th April 2022) for Students

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#### **Invited talks delivered**

NIL

### **Projects, Research Grants and Consultancy**

NIL

### **Intellectual Property Rights**

<b>Sr. No.</b>	<b>Registration Number</b>	<b>Detailed Work</b>	<b>Publication Date</b>
1			
2			

### **List of Research Publications**

#### **Papers in National/ International Journal**

- “Hardware Implementation and a New Adaptation in Winding Scheme of Standard Three Phase Induction Machine to Utilize for Multifunctional Operation: A New Multifunctional Induction Machine”, International Journal Energies 10(11),October 2017

#### **Papers in International Conferences Proceedings**

- Three Phase Induction Machine with Distinct Winding Arrangement amid in Winding Slot for Multifunctional Operation” International Conference on Renewable Energy and Resources, Vancouver, British Columbia (Canada), July 2017

### **Books/ Book Chapter**

NIL

### NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
August /2019	October 2019	8	Accreditation of Outcome Based Learning	84	Elite-Silver
Feb 2020	March 2020	4	Electric Vehicles - Part 1	59	Pass

Date: 30/8/2022

Place: Aurangabad

