

# FACULTY PROFILE

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## 1. Personal Details

Age : 40 years  
Date of Birth : 03.05.1984  
Sex & Marital Status : Male & Married  
Citizenship : Indian  
Qualification : M.E  
Date of Joining : 01-06-2023  
Present Designation : Assistant Professor

## 2. Qualification

Degree	Programme and Specialization	Class /CGPA	Month &Year of Passing	Institute/University
M.E./M.Tech	Power Systems Engineering	I Class/8.0 CGPA	July 2012	S.K.P. Engineering College/Anna University
B.E./B.Tech	Electrical & Electronics Engineering	I Class/73%	April 2005	The Rajaas Engineering College/Anna University

## 3. Industrial Experience

Designation	Organization	Period	Nature of Duties
Engineer O&M	Suzlon Energy Limited	2006-2010 (4 Years)	Operation and Maintenance of Wind Turbine Generator.
Engineer	Sastha Engineers & Consultants	2005-2006 (1 Year)	Operation and Maintenance of 230/33 kV Substation
<b>Total :</b>			<b>5 Years</b>

## **Job Description:**

### **Suzlon Energy Ltd - Engineer**

- Operation and Maintenance of Wind turbines (1500 kW, 1250 kW, and 600 kW) for customer owned wind farms in the region.
- Hands on experience on High/Medium/Low Voltage AC/DC system testing, Operation and Maintenance, troubleshooting & repair.
- Provide customers with high quality, value added service solutions including Operations /SCADA, maintenance, troubleshooting and service of wind energy products.
- Operation and Maintenance of 33/0.690 kV Transformer

### **Sastha Engineers and Consultants – Jr. Engineer**

- ✓ O&M of 230/33 kV Wind Farm Substation
- ✓ Operation and Maintenance of 4\* 50 MVA Power Transformers
- ✓ Operation and Maintenance of 230/33 kV Switch Yard and Protective Relay Panels.
- ✓ Operation and Maintenance of DC Batteries.
- ✓ Detailed knowledge of protective Relays, Vacuum Circuit Breakers, and SF6 Circuit Breakers.
- ✓ Preparing the Power Evacuation Report.

#### **4. Teaching Experience :**

<b>Designation</b>	<b>Institution/ Organisation</b>	<b>Period</b>	<b>Nature of Duties</b>
Assistant Professor	National Engineering College, Kovilpatti	01-06-2023 to present	Teaching and Research
Assistant Professor	V V College of Engineering	From 19-04-2013 to 31-05-2023	Teaching and Research
<b>Total :</b>			<b>11 Years 1 Month</b>

#### **5. Academic Activities :**

##### **5.1. Courses taught:**

<b>Course Title</b>	<b>U.G./ P.G.</b>
<ul style="list-style-type: none"><li>➤ Electric Drives and Control,</li><li>➤ Measurements &amp; Instrumentation,</li><li>➤ Basic Electrical and Electronics Engineering,</li><li>➤ Power System Analysis,</li><li>➤ Power System operation and Control,</li></ul>	U.G

<ul style="list-style-type: none"> <li>➤ High Voltage Engineering,</li> <li>➤ Electric Circuits Analysis,</li> <li>➤ Solid State Drives, Basic Electrical,</li> <li>➤ Electronics and Instrumentation Engineering,</li> <li>➤ Power Electronics for Renewable Energy Systems,</li> <li>➤ Protection and Switchgear,</li> <li>➤ Electro Magnetic Theory,</li> <li>➤ Power System Transients,</li> <li>➤ Smart Grid</li> </ul>	
<ul style="list-style-type: none"> <li>✓ Flexible AC Transmission System,</li> <li>✓ Power Quality,</li> <li>✓ Power Electronics for Renewable Energy Systems</li> <li>✓ Switched Mode Power Supplies</li> <li>✓ Power System Transients</li> </ul>	PG

### 5.2. Online Certification Courses:

S. No	Certification	Period	Organizer	Remarks
1.	NPTEL-Online certification on "Power system Protection"	Jul-Oct-2023 (12 Weeks)	NPTEL- IIT Kharagpur	73% (Elite)
2.	NPTEL-Online certification on "Digital Protection of power System"	Jan-Mar-2024 (8 Weeks)	NPTEL- IIT Roorkee	78% (Elite + Silver)

### 5.3. FDP/ Seminars / Conference/ Workshops Attended:

S. No	Period	Title	Venue
1.	07-12-14 to 13-12-14	<b>FDP:</b> Anna University – One Week Faculty Development Program on Power Electronics for Renewable Energy Systems	V V College of Engineering, Tisaiyanvilai
2.	16-12-14 to 22-12-14	<b>FDP:</b> Anna University – One Week Faculty Development Program on Solid State Drives	V V College of Engineering, Tisaiyanvilai
3.	29-12-14 to 30-12-14	<b>Two Day Workshop</b> – Industrial Automation using PLC	V V College of Engineering
4.	28-03-2015	<b>Conference</b> -Performance Analysis of Wind Energy Conversion System	Arunachala College of Engineering for Women

5.	12-12-2016	<b>One Day Workshop-</b> Programmable Logic Controller	V V College of Engineering, Tisaiyanvilai
6.	23-03-2016	<b>Conference</b> – Power Management of Grid Connected Renewable Energy System	V V College of Engineering
7.	Jul-Aug-2023 (4Weeks-Online Mode)	<b>FDP-NPTEL-AICTE-</b> Faculty development Program me “Design thinking – A Primer”	IIT Madras <b>(Online Mode)</b>
8.	23-11-23 to 24-11-23 (Two days)	<b>FDP-Matlab/Simulink</b> Programming Conducted by Enthu Technology Solutions India Private Limited	National Engineering College
9.	16-05-24 to 18.05.24	Professional Development Program me on “ Instructional Design and Delivery System” Conducted by “National Institute of Technical Teachers Training and Research”, Chennai (MoE, Govt.of India)	National Engineering College

#### 5.4. Short Term Course:

S. No	Course Title	Period	Organizer
1.	Online live Training on “Relay Co-Ordination using ETAP”	26.05.2024 (3 Hours )	Power Projects

#### 6. Additional Responsibilities held:

- ✓ **Tutor**-2022-2026 batch
- ✓ Alumni Coordinator
- ✓ Class committee vice chair person
- ✓ Time table coordinator
- ✓ Class In charge
- ✓ Lab in-charge- Renewable Energy Lab and Electrical Workshop Lab