

FACULTY PROFILE

Name of the Staff : **Mr.J.THANGARAJ**
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1. Personal Details

Age : 39
Date of Birth : 03.05.1984
Sex & Marital Status : Male & Married
Citizenship : Indian
Qualification : M.E.,

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

Date of joining : 01.06.2023
Present status : Assistant Professor
Industrial Experience :

Designation	Organization	Period	Nature of Duties
Engineer O&M	Suzlon Energy Limited	2006-2010 (4 Years)	O&M of Wind Turbine Generator.
Engineer	Sastha Engineers & Consultants	2005-2006 (1 Year)	O & M of 230/33 kV Substation

1. 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

2. 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.

Professional Experience :

Designation	Institution/ Organisation	Period	Nature of Duties
Assistant Professor	V V College of Engineering	From 19-04-2013 to 31-05-2023	Academic Activities

Courses taught:

Course Title	U.G. or P.G.
Electric Drives and Control, Measurements & Instrumentation, Basic Electrical and Electronics Engineering, Power System Analysis, Power System operation and Control, High Voltage Engineering, Electric Circuits Analysis, Solid State Drives, Basic Electrical, Electronics and Instrumentation Engineering, Power Electronics for Renewable Energy Systems, Protection and Switchgear, Electro Magnetic Theory, Power System Transients, Smart Grid	U.G
Flexible AC Transmission System, Power Quality, Power Electronics for Renewable Energy Systems	PG

2. Academic Achievements

2.1 Short term Courses / Seminars / Conference/ Workshops Attended:

S. No	Title	Period	No. of Participants	Venue
1.	Anna University – One Week Faculty Development Program on Power Electronics for Renewable Energy Systems	07-12-2014 to 13-12-2014	15	V V College of Engineering, Tisaiyanvilai
2.	Anna University – One Week Faculty Development Program on Solid State Drives	16-12-2014 to 22-12-2014	15	V V College of Engineering, Tisaiyanvilai

3.	Two Day Workshop – Industrial Automation using PLC	29-12-2014 to 30-12-2014	30	V V College of Engineering
4.	Conference -Performance Analysis of Wind Energy Conversion System	28-03-2015	30	Arunachala College of Engineering for Women
5.	One Day Workshop-Programmable Logic Controller	12-12-2016	30	V V College of Engineering, Tisaiyanvilai
6.	Conference – Power Management of Grid Connected Renewable Energy System	23-03-2016	25	V V College of Engineering

2.2. Additional Responsibilities held :

- NBA-Criteria coordinator
- Alumni Co-ordinator
- Class committee vice chair person
- Time table Co-ordinator
- Class Incharge
- Lab in-charge- Renewable Energy Lab