

FACULTY PROFILE

Name of the Staff : **Mrs C.DHANALAKSHMI**
Official Address with E-mail Id : Assistant Professor,
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National Engineering College
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1. Personal Details

Age : 28
Date of Birth : 15/04/1997
Sex & Marital Status : Female / Married
Citizenship : Indian
Qualification : M.E

Degree	Programme and Specialization	Class /CGPA	Month & Year of Passing	Institute/University
Ph.D	Power System	Pursuing	Jan 2024-till	National Engineering College
M.E	Power System Engineering	First Class with distinction	May 2020	Thiagarajar college of Engineering /Anna University
B.E	Electrical and Electronics Engineering	First Class	April 2018	Kamaraj College of Engineering and Technology/Anna University

Date of joining : 26/06/2023
Present status : Assistant Professor
Professional Experience : 3 Years

Designation	Institution/ Organization	Period	Nature of Duties
Lecturer	Lakshmi Ammal polytechnic college, Kovilpatti.	02/09/2020 to 24/06/2023	Teaching

Courses taught:

Course Title	U.G. or P.G.
Power System Analysis, Electrical circuit Theory, Transmission and Distribution, E-vehicle Technology and Policy.	UG

2 ACADEMIC ACHEIVEMENTS

Online Certification Completed:

S.No	Certification	Period	Organizers	Remarks
1	Completed NPTEL course on “Electrical Distribution System Analysis”	Jul-Oct 2025	NPTEL-IIT Roorkee	Secured Silver medal and Topper
2	Completed NPTEL course on “Operational and Planning of Power Distribution System”	Jan-Apr 2025	NPTEL-IIT Guwahati	Secured Silver Metal
3	Completed NPTEL course on “Computer Aided Applied Single Objective Optimization”	Jan-Apr 2025	NPTEL-IIT Guwahati	Successfully Completed
4	Completed NPTEL course on “Power System Protection and Switch Gear”	Jul- sep 2024	NPTEL-IIT Roorkee	Secured Silver medal and 5% Topper
5	Completed NPTEL course on “Power System Protection”	Jul- sep 2023 12 Weeks	NPTEL-IIT Kharagpur	Secured Silver medal and 5%Topper
6	Completed NPTEL course on “Design thinking A- Primer”	Jul- Aug 2023 4 Weeks	NPTEL-IIT Madras	Secured Elite medal
7	Completed NPTEL course on “DC Microgrid and Control Systems”	Jul – Oct 2022 8 Weeks	NPTEL – IIT Roorkee	Secured 90% Elitewith Gold medal
8	Completed NPTEL course on “Power System Analysis”	Jul- sep 2021 12 Weeks	NPTEL-IIT Kharagpur	Secured Silver medal and Topper
9	Completed NPTEL course on “Digital Electronics”	Sep – Dec 2020 12 weeks	NPTEL – IIT Kharagpur	Successfully Completed

Short Term Course Attended

S.No	Title	Period	Venue
1.	EV charging : Powering the future of Mobility	Five Days Skill Development Program 09-02-2026 to 13-02-2026	National Institute of Technology, Tiruchi -Offline
2.	Navigating the Energy Transition climate nexus: Strategies for Greening the Grid	ATAL FDP 10-02-2025 to 15-02-2025	Mangalam College of Engineering, Kerala-Offline
3.	Digital Protection of Power system	8 Weeks Jan- March	IIT- Roorkee(online)

4.	Research Scope in Electric Vehicle	One Week 05-12-2022 to 09-12-2022	NITTTR- Chandigarh
5.	Electric Vehicles	One Week 07-06-2021 to 11-06-2021	National Institute of Technology, Tiruchi -Online

Industrial training Undergone:

S.No	Title	Period	Venue
1.	Inverter Manufacturing	One Week 20-02-2023 to 24-02-2023	Numeric UPS , Chennai.
2	IoT based Automation in Electric Vehicles and PCB designing	One Week 24-01-2022 to 29-01-2022	Quntanics Tech Serv Privatelimited
3.	Training in power generating station	One Week 20-06-2016 to 24-06-2016	Tuticorin thermal power station

Short Term Courses / Workshop Attended:

S.No	Title	Period	Venue
1.	Smart Protection Lab	1 day	National Engineering college
2.	Deep Learning Matlab course	1 day	National Engineering college
3.	Introduction to Matlab	1 day	Thiagarajar college of Engineering
4.	IoT using Raspberry pi	1 day	Kamaraj college of engineering and Technology
5.	Value added courses on MATLAB	40 Hours	Kamaraj college of engineering and Technology

Workshop Organized

S.No	Title	Period	Venue
1.	SMART PROTECTION AND CONTROL USING NUMERICAL RELAYS	2 days 6 th , 7 th April 2026	National Engineering college

3. Research Achievements

International Journal Publications

S.No	Title of the Paper	Journal title	Volume & Year	Impact factor
1.	Optimal Siting and Sizing of D-Statcom using Particle Swarm Optimization	International Research Journal of Engineering and Technology	Vol. 9 issue 3, March 2022	7.529

International Conference Publications

S.No	Title of the Paper	Name of the Conference	Organizer	Month & Year
1.	Time triggered Load Controller using Real time Clock	2024 3rd International Conference on Automation, Computing and Renewable Systems (ICACRS)	IEEE conference-Mount Zian Engineering college	17 th Jan 2025
2.	Intelligent detection of power transformer fault using feature driven machine learning method	2025 11th International Conference on Electrical Energy Systems (ICEES)	IEEE conference SSN-Chennai	August 2025
3.	IoT base Energy Meter.	International Conference on Recent Developments in Engineering	Dhaanish Ahmed Institute of Technology, Coimbatore	April 2018

