SIDDHARTHA ACADEMY OF HIGHER EDUCATION
(Deemed to be University u/s 3 of UGC Act, 1956)

Dr. Subhojit Dawn

Designation : Senior Assistant Professor
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Contact at : Department of Electrical and Electronics Engineering,
Velagapudi Ramakrishna Siddhartha Engineering College,
Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Electrical Engineering)
2018, National Institute of Technology, Silchar

M.Tech (Power and Energy Systems Engineering)
2014, National Institute of Technology, Silchar

B.Tech (Electrical Engineering)
2012, West Bengal University of Technology

Experience

Period	Designation	Institution / Organization	Key Responsibilities
July 2023-Till Date	Senior Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Ph.D. Guidance, Research Publications, Academic Leadership, NBA/NAAC Coordination
Mar. 2020-June 2023	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Ph.D. Guidance, Research Publications, Academic Leadership, NBA/NAAC Coordination
Aug. 2017-Feb. 2020	Assistant Professor	Siliguri Institute of Technology	Research Publications, Academic Leadership

Research Interests

Broad Area of Research:

Renewable Energy, Deregulated Power System, Congestion Management, Energy Storage Devices

Honors and Awards

- Received Best Associate Editor from Journal of Electrical Engineering & Technology (Springer) (SCI Indexed Journal) for C.Y. 2020, 2021, 2022, 2023 and 2024.

- Get '**Travel Fellowship'** from DST, Govt. of India for attending the International Conference 'IEEE TENCON 2016' in Singapore.

Courses Taught

S. No	Course Name	Level (UG/PG)
1	Wind And Solar Systems	PG
2	Power System Analysis	UG
3	Waste to Energy Conversion Technology	UG
4	Solar Photovoltaics	UG
5	Basics of Electrical Engineering	UG
6	Innovation, IPR and Entrepreneurship	UG
7	Design Thinking	UG
8	Universal Human Values-II	UG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=vKXP6a4AAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56406314300
ORCID	https://orcid.org/0000-0002-3639-502X
Research Gate	https://www.researchgate.net/profile/Subhojit-Dawn
LinkedIn	https://www.linkedin.com/in/dr-subhojit-dawn-5a556795/?originalSubdomain=in

Recognized Research Supervisor

S. No.	Department	University
01.	Electrical Engineering	National Institute of Technology Meghalaya
02.	Electrical Engineering	Mizoram University
03.	Electrical and Electronics Engineering	Siddhartha Academy of Higher Education, Deemed to be University
04.	Electrical and Electronics Engineering	Jawaharlal Nehru Technological University, Kakinada
05.	Electrical Engineering	Maulana Abul Kalam Azad University of Technology, West Bengal

Funded Research Projects

S. No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	India-Japan	Circularity-Driven Profit Expansion	Applied	DST	15,10,000	2 Years

	Cooperative Science Programme	and Carbon Footprint Reduction in Solar-PV Integrated Power Systems through Second-Life Batteries and Smart Grid Support				
02.	MNRE Circular Economy	Profit Maximization and Reduction of Carbon Emissions in Solar Integrated Power Systems through Second-Life Batteries in India	Applied	MNRE	8,54,520	1 Year
03.	MNRE Circular Economy	Development of a Digital Twin Framework for Predicting Degradation and Assessing Secondary Life Stability of Lithium-ion Battery Packs	Applied	MNRE	14,17,000	2 Year
04.	Scheme for Young Scientist and Technologist (SYST)	Profit Enhancement and Emission Reduction of a Renewable Integrated Power System by V2G Integration A Climate-Resilient Approach in the Indian Power Sector	Applied	SERB	47,32,600	2 Years
05.	State University Research Excellence (SERB - SURE)	System Profit Enhancement of a Wind-Connected Competitive Power System by V2G Integration	Applied	SERB	26,05,900	3 Years

Administrative Roles

S. No.	Role	Institution	Duration	Responsibilities
1	Department R&D Coordinator	SAHE Deemed to be University	2020-Present	Research and Development Management
2	Institutional Examination Malpractice Scrutiny Committee Member	SAHE Deemed to be University	2023-Present	Identify and Action Taken against the Exam Malpractice Cases

Certifications/MOOC Courses Completed

S. No.	Title	Platform	Duration	Year
None				

Consultancy / Industry Projects

Completed	00

On-going	00
Applied	00

Patents

S. No	Title	Status	Application No.	Year
1.	Power system risk curtailment using mobile bi-directional hybrid electric vehicles	Published	202031037600	2022

Ph.D

Awarded	03
Guiding	02

Invited Talks

No. of Invited Talks	05

Professional Service / Reviewer

- Associate Editor in Journal of Electrical Engineering & Technology (Springer)
- Associate Editor in Smart Grids and Sustainable Energy (Springer)
- Reviewer in IEEE Transactions on Power Systems
- Reviewer in IEEE Transactions on Sustainable Energy
- Reviewer in IEEE Transactions on Industrial Informatics
- Reviewer in IEEE Transactions on Intelligent Transportation Systems
- Reviewer in IEEE Systems Journal
- Reviewer in IEEE Access
- Reviewer in IEEE IAS Publications
- Reviewer in IET Renewable Power Generation
- Reviewer in IET Power Electronics
- Reviewer in IET Generation, Transmission & Distribution
- Reviewer in IET Energy Systems Integration
- Reviewer in Electric Power Components and Systems
- Reviewer in Energy Sources, Part A: Recovery, Utilization and Environmental Effects
- Reviewer in Renewable Energy
- Reviewer in Energy
- Reviewer in IETE Journal of Research
- Reviewer in International Journal of Ambient Energy
- Reviewer in Energy Exploration & Exploitation
- Reviewer in the International Journal of Sustainable Energy
- Reviewer in Energy & Environment
- Reviewer in Environmental Claims Journal

- Reviewer in Electronics
- Reviewer in Processes
- Reviewer in Energies
- Reviewer in Sustainability
- Reviewer in Wind Engineering
- Reviewer in Optimal Control Applications and Methods
- Reviewer in International Journal of Numerical Modelling: Electronic Networks, Devices and Fields
- Reviewer in International Journal of Information Technology & Decision Making

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	09
National Level Seminars	07
International Level Conferences	23

Professional Bodies Membership Details

S. No.	Membership No.	Society Name
1.	99128364	IEEE
2.	M-1818478	The Institution of Engineers

(Your Name & Signature with Date)

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