

Nisha Dey

Bally More, Bandel, Hooghly • 712103 • India Mob:9330512581;
EmailID: devnisha433@gmail.com;

RESEARCH EXPERTISE: Power System, Special Electrical Devices.

TECHNICAL SKILLS:

- C, C++
- Team leadership and research supervision
- Curriculum development and lab setup
- Research and analysis

COMPUTING SKILLS: MATLAB

LANGUAGES: English (Fluent), Hindi (Fluent)

EDUCATION:

2027	JIS College of Engineering, Kalyani, Nadia. M-tech in Power System CGPA: 8.56
2025	JIS College of Engineering, Kalyani, Nadia. B-tech. (EE) Percentage: 83%
2022	JIS College of Engineering, Kalyani, Nadia. Diploma (EE) Percentage: 79.8%
2019	TIGPS, Bandel, Hooghly Senior Secondary (12 th) Percentage: 70%
2001	TIGPS, Bandel, Hooghly Secondary (10 th) Percentage: 83%

RESEARCH

Research Summary

My research MTech Electrical Engineering focused on power system stability, Battery Energy Storage Systems (BESS), and fault protection algorithms and electrical devices. Skilled in transient analysis, load flow modeling, and integrating distributed energy resources (DERs) into modern distribution grids.

PROFESSIONAL ACTIVITIES	Actively involved with my M-tech supervisor in JIS College of Engineering, Kalyani, Nadia.
	Takes classes for Diploma students in Swami Vivekananda University, Barrackpore.
	Teach the B.Tech. students Power System -1 Lab in Swami Vivekananda University, Barrackpore

PUBLICATIONS	Nisha Dey , " Essential concepts in smart grid design and system analysis," in ISBN 978-93-6038-227-8.
	Nisha Dey , " Journal of recent trends of Electrical Engineering" ISSN:3049-382X(ONLINE)
	Nisha Dey , “Sunlight to electricity: Solar Energy Technologies”, in ISBN No – 978-93-5692-695-0.
	Nisha Dey , “Sunlight to electricity: Solar Energy Technologies”, in ISBN No – 978-93-5692-695-0.
	Nisha Dey , “Advance protection automation and power system safty”, in ISBN No – 978-93-344-6517-4.

Conferences	Participated in 3 rd International Conference on Integrative Science and Engineering (3 rd ICISE)-2026 presented “ <i>Current Scenario of Solar Energy In India</i> ”, organized by Swami Vivekananda University, Barrackpore.
	Participated in International Conference on Advances in Communication, Medical Electronics & Smart Grid Automation (ACMESGA 2K24) presented “ <i>Automatic Solar Tracking System</i> ” Organized by the JIS college of engineering, Kalyani, Nadia during 22 nd – 23 rd November, 2024.

I hereby declare that the above-mentioned statements are correct to the best of my knowledge and belief.

Place: **Kolkata**

Nisha Dey,2026

