

Dr. BADAL KUMAR

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D.O.B.: 03rd September 1989



Educational Qualification: Ph.D. (Electrical Engineering), NIT Manipur, 2022
M.E. (Electrical Engineering), SGSITS Indore, 2015
B.Tech.(Electrical & Electronics Engg.), BPUT Odisha, 2011

Work Experience: 7.5 Years (#Teaching: 3 years #Research: 4 years 6 months)

Area of Specialization: Modeling and Simulation, Micro grid, smart grid, control system application in different areas, power system operation and control, renewable energy sources, optimal load frequency control and Metaheuristics.

Subject Taught: Basic electrical engineering, power system operation and control, switchgear and protection, electromagnetic field theory, alternate source of electrical energy, Power Generation Technique, Electric and Hybrid Vehicle.

Number of Paper Published: 08 (International Journal: 05, International Conference: 03)

Lecture Delivered as Resource Person: 01

Number of Workshop/FDP Attended: 07

Number of Conferences Attended: 07

UG Project Guided: 02

Industries Visited: 03

Membership: IEEE

Achievements & Awards:

- Letter of Appreciation for conducted the classes of B. Tech students in Electrical Engineering Department, **NIT Manipur** during **July 2018 to May 2020**.
- College Topper of Ph.D. Course Work at NIT, Manipur.
- Best Paper **Award in ICAERA-2016** in Oriental College of technology, Bhopal
- Letter of Appreciation for **“Organizing ICAERA-2016”** in Oriental College Of technology, Bhopal.
- Certificate of Appreciation for **“RUN BHOPAL RUN-2016”** organized by District Magistrate of Bhopal.
- GATE Qualified 3 Times.

Core Strength:

- I am a very good manager of myself.
- I feel very satisfied working in a creative atmosphere.
- Strongly realize the power of dedication and determination.
- Very much mission oriented.
- Enjoy working in a team.
- Inspiring and supporting.
- Love to create example for others.

Hobby: Rajyoga Meditation, Cooking.

Ph.D. Thesis Topic: Development & Performance Analysis of Intelligently Optimized Controller for Frequency Regulation of Microgrid.

Date: Jan. 11, 2023

Place: Nashik, India

Dr. Badal Kumar

Assistant Professor