

Faculty Profile

Name of Faculty	Raksha S
Department	Electrical and Electronics Engineering
Qualification	MTech, B.E.
Designation	Assistant Professor
Area of specialization	Energy Systems and Management
Date of Joining BNMIT	23-07-2015
Nature of Association (Regular/Contractual/Adjunct)	Regular
Mobile Number	8310620956
e-mail	Rakha234@gmail.com
No. of years of Experience	5 years



Academic Qualification

- Master of Technology in Energy Systems and Management (ESM) from SJCE, Mysore. (2010-12)
- BE in Electrical and Electronics from VVIET, Mysore. (2006-10)

Working Experience Details

- Assistant Professor, JSSATE, Noida (2013 July -2015 January).
- Contract lecturer, NIE, Mysore (2015 February-2015 June).
- Assistant Professor, B.N.M.I.T, Bangalore (2015 July- till date)

Subjects Taught

Basic Electrical Engineering, Power System and Planning, Switchgear and Protection, Modern Control Theory, Modern Power System Protection.

Research Experience details

M.Tech

Artificial Neural Network Based Short Term Load Forecasting

- A multilayer feed- forward neural network with three layers is used.
- Back propagation learning algorithm is used for estimating weights in non-linear equations.
- Seven years of monthly data is used for training purpose and eighth year data for testing purpose.
- The data is collected from KPTCL and the simulation of algorithm is done using matlab

B.E

Relay co-ordination

- Relay Co-ordination for 66/11kv system using Mi-Power software.
- Relay Co-ordination done based on different fault studies with SLD (Single Line Diagram).
- Designing of primary and backup protection for the system.
- Suggestion on placement of relays and type of relays to be used for better protection.

Academic Positions and other Responsibilities (Department Level)

- Counselor – till date
- Web In-charge (2015-16)
- Library In-charge(2016-17)
- ABEEE In- charge (2017-18)
- NAAC Coordinator (2016-17)
- TATVA Coordinator (2017-18)
- Project guide for B.E. and M.Tech. projects.

Participation in Training courses/Seminars/Workshops

- One week FDP on “AI Applications in Electric Power Systems and Locomotives” conducted by BNMIT, Bangalore, 20th – 24th January 2020.
- One week FDP on “Role of IT in power sector” conducted by BNMIT, Bangalore, 9th – 13th January 2017.
- “Integration of green energy with smart grid- opportunities and challenges” held at BNMIT, Bangalore, and 11th – 16th July 2016.
- “Recent trends in power quality issues and mitigations” held at BNMIT, Bangalore, and 18th – 23rd Jan 2016.
- Attended workshop on “Preparation for Accreditation by NBA”, BNMIT, Bangalore, 3rd to 5th December 2015.
- FDP on “Power Quality Issues & its solution” held at ABESIT, Ghaziabad, August 2013-14.
- RTDEE-2013, held at JSSATE Noida.

Personal Details:

- **Date of Birth:** 19-12-1988 **Sex:** Female **Marital Status:** Married

27-01-2020

Mrs. Raksha S