


Faculty Profile

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| Name of Faculty | Sujith T |  |
| Department | Electrical and Electronics Engineering | |
| Qualification | B.Tech., M.E., (Ph.D) | |
| Designation | Assistant Professor | |
| Area of specialization | Power and Energy Systems. | |
| Date of Joining BNMIT | 13.02.2017 | |
| Nature of Association (Regular/Contractual/Adjunct) | Regular | |
| e-mail | sujitht@bnmit.in, sujithfocus15@gmail.com | |
| No. of years of Experience | Teaching: 8 years 6 Months Industry: 1 year | |

Academic Qualifications:

- Registered for **Ph.D** in Visvesvaraya Technological University, Belagavi, Karnataka.
- **M.E.** (2011), Electrical Department, UVCE, Bangalore University, India. (I Class).
- **B.Tech.** (2008), VAST Thrissur, EEE Department, Calicut University, India (I Class).

Working Experience Details:

- **Assistant Professor**, EEE Dept. in **BNMIT, Bengaluru, India (13.02.2017 – Till Date)**
- **Associate Professor**, EEE Dept. in **FIST, Thrissur, India. (15.07.2015-10.02.2017)**
- **Assistant Professor**, EEE Dept. in **SVCE, Bengaluru, India. (23.01.2015 – 10.07.2015)**
- **Assistant Professor** EEE Dept. in **IESCE, Thrissur, India. (20.09.2011 – 04.07.2014)**
- **Guest Faculty**, EEE Dept. in **GEC Thrissur, India. (11.06.2012- 31.05.2014)**
- **Electrical Engineer** in **KP Buildcon Pvt Ltd, Bangalore. India. (Sept.2008 – Aug. 2009)**
- **Got placed in CTS & Qualitas Technology**

Subjects Taught:

Basic Electrical Engineering, Electrical Circuit Analysis, Electrical Measurement, Power Generation & Economics, High voltage Engineering, Power System Operation and Control, Electrical Estimation and Costing, Control System, Computer Aided Electrical Drawing, DC Machines & Transformers.

Online Courses:

Completed NPTEL courses on Power System Engineering & Fundamentals of Electrical Engineering.

Academic Positions and other Responsibilities (Institute Level):

- **Editor** for the College magazine “Prayana”, FIST, Thrissur. (2016-2017).
- **IEEE Student Branch Counselor**, IES College of Engineering, Thrissur. (2013-14)

Academic Positions and other Responsibilities (Department Level):

- **NBA Coordinator**
- **NAAC Coordinator**
- **Department Test Coordinator (2017-18)**
- **Department Project Coordinator (2017-18)**
- **Department Internship Coordinator (2018-19)**
- **Coordinator at different levels, FDPs / Workshops** conducted by Dept of EEE

Software/Hardware Skills:

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| <ul style="list-style-type: none">• AutoCad (2D & Electrical)• Matlab & Pspice• Windows 98 , XP & 7• Mipower Package• Proficiency in entire MS Office | <ul style="list-style-type: none">• Automation Tools PLC (Allen Bradley, Siemens) SCADA (Wonderware Intouch) DCS (Microsys 3200) Drives |
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Workshops /Seminars Organized:

- Organising committee member for Workshop on “A to Z of Transformer” 17th & 18th Feb 2018.
- Organising committee member for FDP on “Modern Power Electronic Drives: Design & Future Trends.” 16th – 20th Jan 2018.
- Program Co-ordinator of NCRDPE’15, National Conference conducted by the EEE Dept. SVCE Bangalore, 5th of August 2015
- Program Co-ordinator of IESPEC’13, National Conference conducted under the IEEE Student branch of IESCE, 7th & 8th of March 2013.

Research Publications: International Journals:

- Published a research paper titled “Reduction in harmonics using 12 pulse AC-DC converter in vector-controlled induction motor Drives” in **IJIRCCE**, Volume 5, Issue 4, April 2017.

Papers presented in International/National Conferences:

- “Solution Techniques for the major failure in HVDC Transmission system” in the **National conference IESPEC 2013** conducted by IESCE, Thrissur during 7th & 8th March 2013.
- “A modified hill climbing method using fuzzy logic control for maximum power point tracking in photovoltaic system” in the **National conference NCRDPE 2015** conducted by SVCE, Bengaluru during 5th August 2015.

Participation in Training courses/Seminars/Workshops:

- Participated in 5-days International Virtual **FDP** on “Upskilling for the Future: Technical Innovations & Research Opportunities in Power Engineering” Dept of EEE, BNMIT, Bangalore, 10th – 14th August 2020.
- Participated in 5-days Virtual **FDP** on “Challenges and Opportunities in SMART GRID”, Dept. of EEE, Ramaiah Institute of Technology in association with IEEE PES Bangalore Chapter, 20th - 24th July 2020.
- Participated in a **webinar** on “Higher Education opportunities Abroad”, EEE Department, LBSCE, Kasaragod, 6th July 2020.
- Participated in 5-days Virtual **FDP** on “Understanding Power System Simulation Concepts Through Case Studies” IEEE PES-IAS Chapter Delhi Section and PES India Chapters Council, 22nd -26th June 2020.
- Participated in 4-days Virtual **FDP** on “Research Methodology and Data Analysis”, Karnataka Science and Technology Academy, 17th – 20th June 2020.
- Participated in a **webinar** on “Simulation driven Innovation for e-Mobility”, Altair India, 10th June 2020.
- Participated in a **webinar** on “Grid Integration of Renewable Energy Challenges and opportunities”, Dept of EEE, RVSCCE, Coimbatore, 9th June 2020.
- Participated in a **webinar** on “Recent trends in research of Electrical Power Transmission” Dept. of EEE, Sapthagiri college of Engineering, 6th June 2020.
- Participated in 5-days Virtual **FDP** on “Renewable energy systems”, Dept of EEE, RVSCCE, Coimbatore, 1st to 5th June 2020
- Participated in a **webinar** on “Introduction to the active presenter software for creating class from video.” Dept. of ECE, SGBIT, Belagavi, 28th May 2020.
- Participated in a **webinar** on “Trends in Neural computing as a web service” Dept. of ECE, SGBIT, Belagavi, 27th May 2020.
- Participated in a **webinar** on “Design of Electric Vehicles”, Dept. of ECE, SGBIT, Belagavi, 23rd May 2020.
- Participated in one-week Virtual **FDP** on “Green Manufacturing: The Present & The Future”, Santhiram Engineering College, Nandyal, 15th – 20th May 2020.
- Participated in a webinar on “Fine-Tuning Research Skills for Effective Writing” PG & Research Department of Commerce, Vivekandanandha College of arts for women, Namakkal, 3rd May 2020.
- Participated in a webinar on “Writing Quality Technical Papers” IEEE IA/IE/PELS Jt.Chapter Kerala, 25th April 2020
- Participated in one-week **FDP** on “AI Application in Electric Power Systems and Locomotives” Dept of EEE, BNMIT, Bangalore, 20th – 24th January 2020.
- Participated in VTU-TEQIP 1.3 sponsored 5 day **Workshop** on “Outcome Based Education and NBA accreditation” Jyothy Institute of Technology, Bangalore, 13th – 18th January 2020.
- An **Industry Institute interface**, “Imperatives on Engineering education: Enhancing skills and employability”, The IE, Karnataka State Centre, on 19th July 2019 at BNMIT.
- Participated in one-week **FDP** on “Application of Computational Intelligence in Engineering” Dept

of EEE, BNMIT, Bangalore, 24th – 29th June 2019.

- Participated in one-week **FDP** on “Introductory Course on Machine Learning”, Dept of Mechanical, TKM College of Engineering, Kollam, 21st - 26th Jan 2019.
- Participated in one week **FDP** on “Modern Power Electronic Drives: Design & Future Trends”, Dept of EEE, BNMIT, Bangalore, 16th – 20th Jan 2018.
- Participated in one **Workshop** on “A to Z Of Transformer” Dept of EEE, BNMIT, Bangalore, 17th & 18th Feb 2018.
- Attended 2 days **Workshop** on “**Power System Laboratory**” EEE Department, VAST, Thrissur, 11th & 12th March 2016.
- Attended 3 days **Workshop** on “Networking Concepts for Electrical Engineers” EEE Department in association with Jetking Sadashivnagar at SVCE, Bangalore, 26th – 28th Feb 2015.
- Attended 3 days **FDP** on "Numerical and Scientific Computation for Engineers" EEE Department of VAST, Thrissur, 2nd – 4th Jan 2013.
- Two months Industrial training at BHEL Bangalore.
- Attended **7 days Industrial training** on 400KV Substation, Madakkathara, Thrissur, Kerala.

Personal Details:

- DOB : 25/05/1987
- Permanent Address : Kelankandath Sreepadham, Anthikad Post, Thrissur-680641
- Nationality : Indian
- Marital Status : Married
- Languages Known : English, Hindi, Malayalam, Kannada, Tamil
- Passport No : H0282916
- Interests : Listening music, Singing, Driving

14th September 2020

SUJITH T