

Mrs. ASHWINI A R M. Tech. (PSE)

Assistant Professor,

Dept. of Electrical & Electronics,

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PROFILE AT A GLANCE:

Working as an Assistant Professor in BIET, Davanagere, Since 2020.

Worked as a Lecturer in SJVP Polytechnic, Harihar, for 2.9 Years.

Qualified **M.Tech** (2013 - 2015) in Power Systems Engineering as specialization.

Motivational professional who inspires students in achieving their academic excellence.

Practice students engagement method in teaching and learning.

AREA OF INTEREST:

Power Systems Stability.

TEACHING EXPERIENCE:

1. Working as an **Assistant Professor in BIET**, Davanagere, Since 2020.
 - Electrical and Electronics Measurements (EEM)
 - Electrical Estimation and Costing
 - Power generation and economics
 - Solar and wind energy
 - Power system and Analysis-1
2. Worked as a **Lecturer in SJVP Polytechnic**, Harihar (Jan 2018 – Sept 2020)

Subjects Handled:

- Transformers and AC Motors.
- Electrical Measurements And Measuring Instruments (EMMI).
- Analog Electronics (AE).
- Communication & Computer Networks (CCN).
- Basic Management Skills & Energy Management (BMS & EM).
- Switch gear and protection (sgp).
- C Programming Language lab.

Academic Activities:

- Guided Final Year students of 2020 batch in their project titled "Solar based lighting"
- Guided Final Year students of 2019 batch in their project titled "Transformer Oil Testing".
- Guided Final Year students of 2018 batch in their project titled "PLC based water level controller".

- Assigned as an **External Invigilator** for Laboratory Exams at Jain Polytechnic, Davanagere during May-2019 exams, STJ Harapanahalli College during December-2019 and DRR Polytechnic College, Davanagere during May-2018 exams.

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EDUCATION:

- M-Tech in **Power Systems Engineering** (Electrical) from University of BDT College of Engineering, Davanagere, affiliated to VTU, Belagavi in the year 2015.
Percentage Secured: 76.82%.
- BE in **E & E** from UBDTCE, Davanagere, affiliated to VTU, Belagavi in the year 2013. Percentage Secured: 73.88%.

CONFERENCES & WORKSHOPS:

- Participated in the Three Days Virtual Faculty Development Program on "**Data Science & Networking**" organized by the Department of Electronics and Communication Engineering, Rajeev Institute of Technology, Hassan from 25th to 27th August 2022, in association with IETE, Mysuru Centre.
- Participated 5-day online FDP on the theme "**Inculcating Universal Human Values in Technical Education**" organized by All India Council for Technical Education (AICTE) from 6th June, 2022 to 10th June.
- Participated online One week FDP on "**Embarking on Open Source Software in an Engineering & Research Journey**" from 19th to 24th April 2022, organized by BIET Davangere, Research center in association with FOSS Group, Visvesvaraya Technological University, Belagavi.
- Participated online One week FDP on "**AI Applications to Power Systems**" by Siddaganga Institute of Technology, Tumakuru on 17- 22 January 2022.
- Participated 2 days online webinar on "**National Cyber Safety & Security Standards**" by Bapuji Institute of Technology, Davangere on 6/1/2022 to 7/1/2022
- Participated in training program on "**IP Awareness/Training program**" by National Intellectual Property Awareness Mission, on January 28, 2022
- Participated online webinar on "**Rural Electrification in India and Feasibility Study of Solar HomeSystem**" by K L E Institute of Technology, Hubballi on 07/01/2021
- Participated online webinar on "**Advances in Solar Energy Technology**" by Oxford college of engineering on 01/01/2021
- Participated online webinar on "**Technology And Management**" by VTU on 16/12/2021 18/12/2021
- "REMOTE LAB PLATFORM FOR HARDWARE CIRCUIT EXPERIMENTS" by BIET davangere On 10/11/2020
- Presented a paper in National Conference entitled "Reactive Power Minimization by Optimal Allocation Of Statcom by Genetic Algorithm" at SVCE, Bangalore in 2015.
- Participated in the workshop on "LATEX and its Applications" organized by UBDTCE, Davangere.
- Participated in the workshop on "RECENT RESEARCH TRENDS IN NON CONVENTIONAL ENERGY

SOURCES".

MY ACADEMIC PROJECTS:

- Reactive Power Minimization by Optimal Allocation Of Statcom by Genetic Algorithm.
- A Study Of Analytical Models For Pollution Flashover.

PLACE:

Davanagere, Karnataka

