

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

Assistant Professor,

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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
 - Transmission and Distribution
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.

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 5-day online FDP on the theme "Effect of Generative AI in Modern Research and Industry" organized by Sister Nivedita University ,kolkata from 29th April -3rd may 2024.
- Participated 5-day online FDP on the theme "Recent Trends and Applications in Data Science" organized by Sister Nivedita University from 26th February -1st march 2024.
- Participated 5-day online FDP on the theme "The Future of Generative AI in Academic Research and Publishing" organized by Institute of Engineering and Management from 2nd January to 6th January 2024 .
- Published paper entitled "Safety Precautions in mining industries to refuge miners from hazardous events using smart helmet" ,in International Research Journal of Modernization in Engineering Technology and Science(IRJMETS) ,VOL 5,issue 09,Sep 2023..
- Participated 5-day online FDP on the theme "Artificial Intelligence " organized by Christ Academy Institute for Advanced Studies For Advanced studies from November 20th to 24th 2023 .
- Participated 1-day online international webinar on the theme "current status and Future Prospects of GaN Power HEMTs" organized by Sreenivasa Institute of Technology and Management Studies on 15th june 2023.
- Participated 1-day online international webinar on the theme "Renewable Energy & Power Electronics :Shaping the Future" organized by Sreenivasa Institute of Technology and Management Studies on 15th may 2023 .
- Participated 1-day seminar on the theme "Best Practices for New Education Policy(NEP)-2020" organized by Bapuji Institute of Engineering and Technology on 21 February 2023.
- Participated 6-day online FDP on the theme "Inculcating Universal Human Values in Technical Education-II" organized by All India Council for Technical Education (AICTE) from 13th february, 2023 to 18th february.
- 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 " IP Awareness/Training program",under National Intellectual Property Awareness Mission on January 28,2022.
- Participated online One week FDP on "AI Applications to Power Systems" by Siddaganga Institute of Technology, Tumkur 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 Home System" 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 16/12/202118/12/2021
- "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