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GM UNIVERSITY

P. B. Road, Davanagere – 577 006 KARNATAKA | INDIA

GMU - Faculty & Staff Profile Templet



Contact

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Phone: 9481285387

Mr. Usman Ali A R

Assistant Professor in department of EEE,

Faculty

Faculty of Engineering and Technology

School / Program

B.E in Electrical and Electronics Engineering

M.Tech in Power System Engineering

Faculty Introduction

Mr. Usman Ali A R is a Assistant Professor in the department of Electrical and Electronics Engineering, GM University, Davangere, specialized in Electrical Engineering. With Master degree in Power system Engineering specialization and Engineering degree in Electrical and Electronics Engineering. My research focuses on power factor improvement when electric vehicle is connected to the power grid by using FLC and SMC controller.

Qualifications

M. Tech. (Power System Engineering)

Visvesvaraya Technological University- Belagavi, Karnataka, 2020

BE (EEE)

Visvesvaraya Technological University- Belagavi, Karnataka, 2016

Experience

Teaching

- **2.5 Years(02-11-2021 to 05-04-2024)** at S J M Institute of Technology, Chitradurga, Karnataka
- **1.6 Years(15-04-2024 to till date)** at GM University, Davangere, Karnataka



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Industry

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Research

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Training Program Attended

- AICTE-ISTE sponsored refresher program on “Design thinking” organized by vtu e-learning center, vidyavardhaka college of engineering, mysuru on 12th march 2022.
- Teachers Training Program on “Universal Human Values- an overview” organized by VTU Human Resource Development Centre(vtu-hrdc), centre for PG studies, viat, muddenahalli, chikkaballapur dist on 6th march 2022.
- IP awareness/training program on “National Intellectual Property Awareness Mission” organized by intellectual property office and MOE’s innovation cell, India on 20th july 2022.
- State level online seminar on “Teaching Learning and Assessment Process” organized by as per OBE in higher education institutions in line with NEP 2022 on 3rd september 2022.

Research Interest

- Electric Vehicle Technology

Publication / Patents

- Presented my project paper on “Comparative study of FLC and SMC Methods for power factor Improvement of Distribution System with EV Charges for SVC” in 2nd International conference on Emerging trends in Science, Engineering and Management.-IFERP (Virtual Conference) Organized by GMIT, Davangere on 16th July 2021.

Professional Membership

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Awards & Recognitions

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Administrative Responsibilities

- **Department Level:** 5s Coordinator, AICTE Activity Point Coordinator, NSS, Sports.



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Workshops / FDPs / Seminars Attended

- Faculty Development Programme (FDP) on Recent Trends in Renewable Energy Systems” from 3rd Oct to 9th Oct 2023 under ISTE organized by the dept of EEE, JSPM'S RSCOE,Pune.
- Faculty Development Programme (FDP) on Trends in Technological Intelligence 2023 (T²I-2023)” organized by the dept of ECE, EEE, BBDNIIT, Lucknow from 21st Aug to 25th Aug,2023.
- Faculty Development Programme (FDP) on “Additive Manufacturing: Emerging Opportunities for Microwave Components” organised by IEEE Student Branch MNNIT Allahabad, held on 22nd March, 2024.
- Faculty Development Programme (FDP) on “Principles of Outcome Based Education” organized by vmedulife Software on 10th April 2024.

Workshops / FDPs / Seminars Organized

- FDP on “MATLAB-Simulink for Electrical Circuits” under FASEC organized by GM university, Davangere
- FDP on “Simulation of Verilog code using ISE Tool “under FASEC organized by GM university, Davangere.
- FDP on “Research and Teaching Assessment” under FASEC organized by GM university, Davangere.
- Organized National Conference on “Smart Systems and Emerging Trends in Electronics & Electrical Engineering in association with the department of Electrical and Electronics Engineering & Electronics and Communication Engineering, GM University, Davangere.

Projects Guided

- UG Level: -Mini Project on Automatic Hand Sanitizer
-Vehicle security Monitoring Module(Under progress)

Funded Projects / Grants Received

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Any Other Contributions