

FACULTY PROFILE



Name: NAVEEN KUMAR

Designation: ASST. PROFESSOR

Email: naveenkn1@srmist.edu.in

Professional Qualification: Ph.D. pursuing in Electrical Engineering

- M.Tech in Power Systems, B.E in Electrical Engineering

Publications (Journals & Conferences):

- Publication: 1. Paper published in International Journal of Applied Engineering Research, Vol.-6, ISSN No.- 0973-4562, Paper Title: - Development of MATLAB/Simulink based Model & Performance Assessment of a Grid Connected Photovoltaic Power Plant
- Paper published in IEEE India Conference (INDICON) at IIT Bombay, in 2013, Paper Title: - Simulation of sensor less speed control of PMSM based on FOC method with MRAS adaptive speed estimator.
- Paper Published in International Journal of Emerging Technologies and Innovative Research, Vol-2, ISSN-2349-5162, Paper title: -Optimal energy management strategy of standalone photovoltaic system
- Paper Published in IEEE 9th Power India International Conference (PIICON) 2020 Paper Title: - “An Adaptive Inverse-Time Overcurrent Protection Method for Low Voltage Microgrid”
- Paper Published in International Journal for Research in Science and Applied Sciences and Engineering Technology, ISSN: 2321-9653, Paper title: - Modifying rpm of the motor with respect to temperature using VFD and DCS

- Paper Published in Process Integration and Optimization for Sustainability, Paper title:- Influence of Wind Energy Source on Congestion Management in Power System Transmission Network: a Novel Modified Whale Optimization Approach

Workshops/Seminars/FDPs

- Workshops/Seminars/FDPs: Participated in the short-term training program on RECENT CHALLENGES IN POWER GRID OPERATION & CONTROL held at DCRUST, Murthal.
- Participated in workshop on TIME MANAGEMENT held at DCRUST, Murthal.
- Participated in workshop on INDUSTRIAL AUTOMATION held at HCE, Sonipat.
- Attended workshop on MATLAB at HCE, Sonipat
- Participated TEQIP sponsored one week workshop on Recent Trends in Electric Power and Energy systems at DCRUST, Murthal.
- Organized a two days National level MATLAB workshop in association with TECHNEX IIT BHU at HCE, Sonipat
- Participated in one day workshop ‘Go digital-India moving towards cashless economy’ at HCE, Sonipat
- Participated in one week Faculty Development Programme at NIT, Delhi
- Participated in one week FDP on Recent Trends in Electric Power and Energy Systems (RTEPES-2020)
- Participated in one week FDP on “Contemporary Scenario in Power Systems” in ATME college of Engineering, Mysore (online)
- Participated in one week FDP on “Renewable Power Generation , control and grid integration 2020” at Inndira Gandhi Institute of Technology, Sarang(online)
- Participated in 1 week FDP on “Modern Trends and Manufacturing and Thermal Science (MTMTS-2022) at NIT-Delhi

Work Experience: 12 years

Professional Memberships:

- **Life Time membership of IAENG**