Ms.Swapna Bandari
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Designation: Asst Prof, Head of the Department.
Department: Electronics and Instrumentation Engineering,
Keshav Memorial Institute of Technology,
Narayanguda, Hyderabad, Pin 500029, India.

ACADEMIC CREDENTIALS

M.TECH - Embedded Systems
B.TECH - Electronics and Instrumentation Engineering

CAREER HIGHLIGHTS

- Over 11 years of teaching experience in Electronics and Instrumentation Engineering
- Offering courses on Sensors and Transducers, Embedded Systems, Android application Development at undergraduate levels
- Guiding undergraduate projects

SUBJECTS TAUGHT

- Sensors and Transducers
- Transducers and Applications
- Instrumentation Practices In Industries
- Industrial Instrumentation
- Telemetry and Telecontrol
- Biomedical Instrumentation
- Electronic measurements & Instrumentation
- Power Plant Instrumentation
- Process Control Instrumentation
- Microprocessors & Microcontrollers
- Network Analysis
- Electrical Circuit Analysis
- Embedded Systems
- Android Application Development

ACADEMIC ACTIVITIES

- Head of EIE Department in KMIT.
- R&D coordinator of EIE Department in KMIT.
- Qualified as Asst.Professor in UGC NET.
- **Winners of HACKADRONE 2018**- India's first UAV (unmanned aerial vehicle) hackathon. The event was organised by Cyient and DJI, in sponsorship with Microsoft and Telangana Government. The winning solution of Hackadrone 2018 is a prototype of autonomous application on drones to promote women's security. The solution helps the victim to call a drone at the specific location and send real-time alerts to a control station and registered guardians.
- Presented Paper "Assistive Devices to Guide Differently Abled Children with Low Socio Economic Profile" in INDICON-2016. 13th International IEEE India Conference-IISC Bangalore.
- Dr.Hemalatha Rallapalli, Swapna Bandari , Viswanath Anudeep , "Assistive Devices to Guide Differently Abled Children with Low Socio Economic Profile," 2016 IEEE Annual India Conference (INDICON), Bangalore, 2016, pp.1-5.doi: 10.1109/INDICON.2016.7839130.
- Developed projects on Drone, Android Apps, Arduino, PLC's, Spartan3AN FPGA in R&D KMIT.
- Certified in "Neural Networks and Deep Learning" offered by deeplearning.ai, Coursera.