



VINAY K M

ASSOCIATE PROFESSOR

DEPARTMENT OF ISE

PROFILE

Dedicated, resourceful and goal-driven professional educator with a solid commitment to the academic growth and development of every student in the class. Efficiently guided UG and PG students through their project work. Motivated students to come up with innovative ideas for project work as part of self-study. Committed to professional ethics and standards of practice. Skilled in adapting to students diverse learning styles. Keeping in touch with the latest developments in Engineering & Technology. Life member of ISTE, IEEE, Institute of Engineers & Zinnova Technical Confluence.

CONTACT & LINKS

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Linkedin

<https://www.linkedin.com/in/km-vinay-936b1047>

EDUCATIONAL QUALIFICATIONS

B.E - VTU
M.Tech (ESM) - VTU
P.hD - VTU

PROFESSIONAL EXPERIENCE

Teaching Experience : 8 years
Industry Experience : 3 Years
Total Experience : 11 years

INSTITUTION/DEPARTMENT RESPONSIBILITIES

- Actively involved in NBA-SAR preparation.
- Coordinated in conduction of FDP on “Sustenance of Energy and Environment-Challenges and Research Dimension”.
- Worked in various committees of the FDP on “Advances in Pattern recognition: An approach through MATLAB”
- Prepared Lab Manuals and also looked into the functioning of the equipment involved in the laboratory and maintained reports.
- Have been participating in all the departmental activities like budget preparation and proposals for modernization of labs.
- Coordinated in conduction of GIAN program on topic “Applied Electrostatics and Non Thermal Plasma for Environmental applications and control of bio-particles”.
- Training non-teaching staffs on lab experiments and other

RESEARCH AREA/SPECIALISATION/ RESEARCH GRANTS

Specialization: Industrial Automation, EMBEDDED SYSTEMS, ESM, Applications of HVE

Research Interest: Programmable logic controllers, Applications of HVE, Energy Systems and Management, Robotic Process Automation, Artificial Intelligence.

Grants: Successfully submitted proposal for DSP & PE lab under **MODROB AQIS** scheme and granted with **13.5 Lakhs**(March 2020).

activities of the department.	
ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION	
1) Successfully submitted proposal for DSP & PE lab under MODROB AQIS scheme and granted with 13.5 Lakhs . 2) Secured “Excellent” grade in Electric power system course conducted by IIT Kharagpur. 3) Secured first place in certification course on ENERGY CONSERVATION for BUILDING CODE (ECBC) organized by KREDL (Govt. of Karnataka). 4) Cleared Online MOOC certification course on “ Recent Advancements in Transmission Insulators ” conducted by NPTEL under Swayam Portal.	
PUBLICATIONS(2018-2021)	ASSOCIATION WITH PROFESSIONAL BODIES
1) “ Impact Of Voltage Multiplier Circuit On Voltage Stability Of Network Connected With ESP ” International Journal For Research In Applied Science & Engineering Technology ,IJRASET27886,Volume 8, Issue 4, April 2020 2) “ Electrical Characteristics Of Mysugar Cogeneration Plant ESP ” International Journal For Research In Applied Science & Engineering Technology ,IJRASET27886,Volume 8,Issue 4, April 2020 3) “ Simulation And Design Of A Low Cost Voltage Multiplier Circuit For High Voltage Power Supply ” International Journal Of Innovative Research In Science,Engineering and Technology ,P-ISSN23206710,Volume 9,Issue 5,May 2020 4) “ Electrostatic Precipitator For Reduction Of Particulate Matter Emission From The Automobile Exhaust ” International Journal For Scientific Research and Development ,IJSRDV8130814,Volume 8,Issue 3,June 2020	<ul style="list-style-type: none"> • Life-time Member of Computer Society of India, Bangalore • Member of IEEE • Life Member of ZINNOVA Technical Confluence • Life-time Member of Institute of Engineers • Member of Indian Academy of Sciences • Member of Institution of Engineering & Technology (IET)

Details of Research Papers Published in Conferences

- 1) “Design Approach Of Double Pass Electrostatic Precipitator With Ceramic Foam Filter To Reduce Diesel Engine Emissions” IEEE International Conference ICICSS-2019 ACET, Coimbatore, 20th August 2019
- 2) “Comparative Case Study Of Single Stage Over Double Stage ESP By Measuring Diesel Engine Emission” IEEE International Conference ICICSS-2019 ACET, Coimbatore, 22nd August 2019
- 3) “Small Scale Implementation Of Electrostatic Precipitator” IEEE International Conference ICEECCOT-2018 GSSSIETW, Mysuru ,14th and 15th December, 2018.

PROFESSIONAL COURSES COMPLETED

- Cleared Electric power system course conducted by IIT Kharagpur and Secured “Excellent” grade.
 - Completed certification course on ENERGY CONSERVATION for BUILDING CODE (ECBC) organized by KREDL (Govt. of Karnataka).
 - Cleared Online MOOC certification course on “Recent Advancements in Transmission Insulators” conducted by NPTEL under Swayam Portal.
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