



NAME: Dr Umesha K
DESIGNATION: Professor & Head
DEPARTMENT: Electronics and Communication Engineering
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ACADEMIC BACKGROUND

1.B.E (ELE)

2.M.E (PES)

3.PhD

EXPERIENCE

1.30 years in Teaching and Research

2.3 years in an Industry

AREA OF INTEREST

Power system

New and Renewable Energy

Industrial drives and control

Biomedical Engineering

Industrial Instrumentation and Automation

PROFESSIONAL INFORMATION

PAPER PUBLICATIONS/ PATENT

AuthorT(s)	Title of Article	Name of Journal	Vol. No. ISSN Year and Pa ge Number	ISSN
Dr.Umesha. K1,	Integration of wind power in a weak distribution network to improve the voltage stability.	Journal of Electrical and Electronics Engineering.	Volume10, Issue.04March2012	ISSN(print): 3875-4865
Dr.Umesha. K1,	Energy Audit Report on a Technical Institute.	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)	Volume4, Issue.01Jan-Feb2013	ISSN:2278-1676,PP-23-37.

Dr Umesha K1, Mrs.N.Suneetha 2	Design and development of compact DC-DC converter from aircraft	International Conference on safety by design(ICSBD-2013)	Allied Publishers Private Limited	ISBN:978-81-8424-902-06/255-278
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PROFESSIONAL BODY MEMBERSHIP

1. ISTE –LM 36497

CONFERENCE/SYMPOSIUM/WORKSHOP/SEMINAR ORGANIZED in last two years.

- ❖ AICTE-ISTE sponsored Refresher Programme on “Technology Driven Health Care systems” for 6 days from 18th Jan-24th Jan 2022.
- ❖ Self-driven activity –one day workshop on “Applications Indoor Visible Light communication systems”held on 27th October 2021.
- ❖ AICTE-ISTE sponsored Refresher Programme on “Technology driven Health care systems” from 20th October to 26th october2021.
- ❖ Self-driven activity SUCCESS PERSON-UPSC QUALIFIED WITH 257TH RANK alumni Mr Arjun K.held on 25th October 2021.
- ❖ Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Applications of Machine Learning for Autonomous futuristic Electric Vehicles" from 2021-7- 12 to 2021-7-16 at National Institute of Technology, Calicut.
- ❖ APJAKTU sponsored online FDP on Industrial Instrumentation and Automation for one week from 6th September to 10th september2021
- ❖ APJAKTU sponsored online FDP on “Trends and challenges in digital business innovations” 26th July-30th 2021.
- ❖ Webinar on opportunities for Electronics and Communication Engineers by Renjith form Philips ,Mumbai.
- ❖ Webinar on 3d bio printing by Vishnu K Mehenn Innovations Coimbatore on 4th December-2020.
- ❖ Webinar on “Standardization needs in smart Grids and Automation, on 4th December-2020 delivered by Dr Shailendra singh,Professor IITBHU.
- ❖ Webinar on “Photonics Integrated Circuits “by Dr Srinivas Talabttula,IISc Bangalore on 4th December2020.
- ❖ National IP Literacy week organised under Kalam Program for IP Literacy and Awareness (KAPILA) from 15th to 23rd October 2020.
- ❖ Webinar on “International Patent Filing-reasons and Strategies by Mrs Bindu Sharma,Origiin IP solutions LLP Bangalore on 12th August 2020.

- ❖ AICTE sponsored FDP on Students Induction Program from 17th to 19th June 2019 at Cambridge Institute of Technology Bangalore.

CONFERENCE/SYMPOSIUM/WORKSHOP/SEMINAR ATTENDED

- ❖ Engineer's day celebration on 15/09/2021, Lecture delivered on Legacy of Sir M V's life and Legacies by Mr Anilkumar Pillai, G M –Technical Services Ramco cements. Chennai.
- ❖ AICTE-Workshop on Examination Reforms (26th - 28th July 2021)
- ❖ APJAKTU sponsored on "An interactive session on Research & Fellowship Opportunities for Faculty Members in Germany" held on Thursday, July 22.
- ❖ AICTE-NEAT Cell sponsored event on "Industry Connect: Opportunities for Institutes to Collaborate with Industries" held on 22th July 2021.
- ❖ Indian Knowledge System sponsored webinar on A Dialogue between Indian Linguistic Theories and Language Technology by Prof. Amba Kulkarni, Former HoD, Department of Sanskrit Studies, University of Hyderabad.held 17th July 2021
- ❖ ATAL sponsored online FDP on "Applications of Machine Learning for Autonomous and Futuristic Electric Vehicles-(MLEV-2021)" held from July 12 to 16, 2021.
- ❖ National webinar on "Organic Farming for Sustainable Agriculture". The webinar will be conducted on National Farmers Day (Kisan Diwas in Hindi) on **23rd December, Wednesday (2:00-4:00 PM)**.
- ❖ Ministry of Education's Innovation Cell sponsored the online session on "**ARIIA 2021 - Orientation and Demonstration of Data Submission Portal**" held on 22nd December 2020 at 10.30 AM.

AWARDS/ ACHIEVEMENTS

NIL