



Dr. Pavankumar D

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Work Experience :15 Years

- Worked as a Lecturer in UBDTCE from 2008-2009
- Worked as a Lecturer in GEC Haveri from 2009-2010
- Worked as a Assistant Professor from 01-08-2010 to 31-12-2020 in SJMIT Chitradurga
- Worked as a Associate Professor 01-01-2021 to 31-07-2023 in SJMIT Chitradurga
- Working in the Department of Electronics and Communication Engineering at Bapuji Institute of Engineering and Technology, Davangere since 03-08-2020.

Educational Qualification:

- Ph.D. in Electronics Engineering from Jain University, Bangalore, 2019.
- MBA in Finance ,Bangalore 2011
- M.Tech in Digital Communication Networking from UBDTCE, Davanagere, 2009 first class with Distinction.
- B.E in Electronics and Communication from UBDTCE , Kuvempu University, 2007 first class with Distinction.

Awards:

- Project entitled “IOT Based Smart waste management system” was sponsored by VTU, Belagavi, 2021-22.
- Reviewer for IEEE Conference 2022-23 Mysore and Bangalore region

Core Subjects Taught:

Microwave antenna ,Electromagnetic Waves ,Analog Communication, Multimedia Communication, Optical Fiber Communication, Network Security,Satellite Communication.

Seminar/ Workshops Organized:

- ***ISTE sponsored Workshop conducted on Image Processing 2019***
- ***ISTE sponsored Workshop conducted on Microstrip Antenna 2018***
- ***ISTE sponsored Workshop conducted on Embedded system IOT LINUX2017***
- ***ISTE sponsored Workshop conducted on biomedical applications 2016***
- ***ISTE sponsored Workshop conducted on Opportunities in industry for electronics Graduates 2019***
- ***KSCST SPP workshop organized sep 2021***
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Seminar/ Workshops/ FDP Attended :

- **Attended Two-days workshop on “Network simulator ” organized by GMIT, Davangere 2018.**
- **One Week Short Term Traing Programme STTP on Signal Processing and Application VTU UBDTCE Davanagere 13-18 Sep 2021.**
- **Participated 2 week ISTE Workshop on Signals and system conducted by IIT Khargpur 2nd to 12th Jan 2014**
- **One week online FDP on Industrial Automation Industry 4 ISTE SJBIT Bangalore 04-04-2022 to 09-04-2022**
- **Attended one day workshop on “Universal Human values and professional ethics ”, conductedby ISTE-BIET chapter at BIET Davangere on 29-30 Nov 2021.**
- **Participated in the IP awareness raining Programme July 20-2022 a SJMIT**
- **Attended Webnair On Internet of Thing IETE Mysore on 26th march 2021**
- **Attended four day FDP on “Advances in biomedical instrumentation for quality health care” at E&IE,UBDTCE, Davangere from 23rd to 26th july 2014 sponsored by VTU, belgaum and VGST, Karnataka.**

- **Participated in one FDP workshop on “Open source software and Tools” conducted on 18-21st April 2022 at VGST,GEC Haveri.**
- **Two days workshop on Interface of IPR in academics conducted by KSCST BIET davanagere 2nd and 3rd Mar 2023**
- **Attended 6 days FDP on Internet of Things Lab in association with VTU JIT Davangre ,Novemembr 2023**

Paper published:

- **PavankumarD;Dr H R Mahadevaswamy; “Quality improvement of tracking and positioning of mobile systems”International journal of advances in electronics and computer science (IJA ECS) volume 2 issue 4 2014.**
- **Pavankumar D; Dr H R Mahadevaswamy Advances in Intelligent System Computing, Vol. 394, ARTIFICIAL INTELLIGENCE AND EVOLUTIONARY COMPUTATIONS IN ENGINEERING SYSTEMS, ISBN 978-81-322-2654-3, 339728_1_En;2016**
- **PavankumarD ;Dr H R Mahadevaswamy “Result and analysis of hybrid cooperative Localization Scheme for Mobile Communication Network ” . IEEEExploreDigitalLibrary.IEERRecordNo.:#44854; IEEE ISBN: 978-1-5386-7706-3;2019**
- **Shmbulingappa Pavankumar D Application of IOT in Supply Chain Management of Agricultural products IJEDR 2017**
- **Pavankumar D;Roopa S “Implementation of Rover with field Protection and crop health monitoring system” IJRARAUGUST2022, Vol 9, Issue 3.**
- **Pavankumar D ;H J Jambukesh “A comparative analysis of Localization scheme in wireless sensor network ”i-managers Journal on wireless communication network vol 11 issue 2 2023**
- **Pavankumar D, Mahantesh H A Smart four wheel Electric Mobility for physically disabled Volume:05/Issue:10/October-2023 Impact Factor- 7.868**

Patent:

Artificial intelligence and IOT based detection and prevention of all types leaf disease for efficient farming Patent Date 14/10/2022.

Project Proposals :02

1. VGST - GRE VRN/003533/23-24 Design and Implementation of IoT Based Water Quality Monitoring System for Rural Areas of JAL JEEVAN Mission

2.K-Fist L1 Experimental and Simulation of sliding mode Dc Dc Power converter using a new novel methods

Research Guideship

VTU Guide ship Registration 2021