

Prof. Pushpalatha S

Assistant Professor

Faculty ID: 5015

Date of Joining: 18.12.2013

Appointment type: Permanent

Contact Information:

Dept of Electronics and Communication Engg.(DECS)

Visvesvaraya Technological University,

Centre for PG Studies,

Mysuru-570029, Karnataka

Email: pushpalatha@vtu.ac.in



Education:

- 2010- M.Tech. – Computer Network Engineering, NIE Mysuru, Visvesvaraya Technological University, Karnataka.
- 2005- B.E. - Electronics & Communication Engg, Coorg Institute of Technology, Ponnampet, Visvesvaraya Technological University, Karnataka.

Professional Experience

- Worked as Lecturer and Assistant Professor in the dept. of Electronics & Communication Engg. at Bahubali College of Engineering from oct 2005 to Dec 2013.

Publications:

- Smart Systems for Military Applications using Wireless Sensor Networks – A Survey (ICIETS-2018-NIEIT, Mysuru, IEEE)
- Energy Efficient Communication using Data Aggregation and Data Compression Techniques in Wireless Sensor Networks: A Survey (VSPICE -2019-NMAMIT Nitte-Spinger)
- Energy Efficient Multipath Routing Protocol For Mobile AD-Hoc Network Using The Fitness Function (ISSN:2349-5162, Vol.6, Issue 6, page no.393-398, June-2019,)
- Hierarchical Agglomerative Clustering Based Routing Algorithm For Overall Efficiency Of Wireless Sensor Network (ISSN:2349-5162, Vol.6, Issue 6, page no.421-425, June-2019)
- Performance Analysis of Periodic Sensor Networks Using Different Data Aggregation Techniques.(ISSN:2349-5162, Vol.6, Issue 6, page no.395-401, June-2019,)
- Performance Evaluation of TCP Congestion Control for Reliable Data Transmission in TCP (ISSN:2349-5162, Vol.6, Issue 6, page no.343-348, June-2019)
- Detection And Tolerance Of Faults In Wireless Sensor Network Using Hybrid Algorithm Institute For Studies On Recent Advances In Science And Engineering 2016(978-93-84698-09-6)
- Palm Vein Pattern Based Verification System Institute For Studies On Recent Advances In Science And Engineering 2016 (978-93-84698-09-6)
- A Cryptosystem using UNICODE and Color Integration IFRSA International Journal Of Electronics Circuits And Systems June 2013 Vol 2|issue 2 (ISSN 2277 – 5870)

Conferences:

- 1.National Conference on “Advances in Computer Science and Information Security (ACSIS’12) organized by Department of computer science and engineering, Manipal Institute of Technology,

MANIPAL during 6th to 7th January 2012 and also presented a paper entitled “Efficient Design & Implementation of Elliptic Curve Cryptosystems”.

- 2.A National Level Conference and technical fest FIESTA’16 held at Bahubali college of Engineering on 30th April 2016 and also presented a paper entitled “Designing a Shift Register Using Pulsed Latches by Reducing the Power and Area Consumption”, and got published in ISRASE and IEAE digital libraries.
- 3.A National Level Conference and technical fest FIESTA’16 held at Bahubali college of Engineering on 30th April 2016 and also presented a paper entitled “Efficiency Scheduling Algorithm in Ad Hoc Cognitive Radio Network”, and got published in ISRASE and IEAE digital libraries.
- 4.International conference on VSPICE -2019 “spinger” organized by Dept. of E&CE & E&EE on 23rd and 24th May 2019 at NMAMIT Nitte and also presented a paper entitled “Energy Efficient Communication using Data Aggregation and Data Compression Techniques in WSN :A Survey”.
- 5.A National level conference on Computer Science and Management Application (NCCSMA-2019) held at VTU PG Centre Mysuru on 16th & 17th July 2019 and also presented a paper entitled “Haze removal using color attenuation prior” .
- 6.National Conference on “Innovations & Discoveries in Engineering and Technology”PionEEEr-2017 held at VVIET Mysuru on 18th may 2017 and paper entitled “ Smart Robot For Railway Track Crack And Obstacle Detection”.