




JSS Mahavidyapeetha
JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post
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PROFILE

1. Personal Details

NAME	Dr. Pavithra G S	
DEPARTMENT	Computer Science & Engineering	
DESIGNATION	Assistant Professor	
PHONE	+91 7022104918	
EMAIL ID	pavithrags@jssateb.ac.in	
Date of Joining (JSSATEB)	04-03-2022	

2. Experience

Total Experience in Years	Teaching: 20 Years	Research: 08 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Computer Science and Engineering	2003	AIT, Chickmagalur, Karnataka INDIA	Visvesvaraya Technological University, Karnataka
M.Tech.	Computer Science and Engineering	2010	SJCIT, Chickbalapur, Karnataka INDIA	Visvesvaraya Technological University, Karnataka
Ph.D.	Wireless Sensor Networks	2022	CSE Research Center, SJBIT, Bengaluru, Karnataka, INDIA	Visvesvaraya Technological University, Karnataka

4. Research & Publications

Papers Published in Web of Science indexed Journals	International:	National: 02
Papers Published in SCOPUS-indexed Journals	International:	National: 02
Papers Published in Other Journals	International:	National: 03
Papers Presented in Conferences / Symposium	International:	National: 16

5. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Jump Start-II	Rs. 4000	11-08-2011	10-08-2011	Wipro Technologies

Trainer/Tutor			& 11-08-2011	
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6. Major Publications

Sl. No.	Title of the paper	Author(s)	Journal Name	Volume No. Issue No. Year	WOS / Scopus / Others	Impact Factor	Publisher
1	A Cluster-based Routing Protocol for WSN based on Mahalanobis Distance and AODV Protocol.	Pavithra G S, Babu N V.	International Journal of e-Collaboration	Vol. 18(1) ISSN1548-3673 2022	Scopus	2.14	<u>IGI Publishing</u>
2	An Energy-Efficient Optimal Model Using Social Spider Optimization Algorithm	Pavithra G S, Babu N V, Puttamadappa C	Journal of System and Management Sciences	Vol. 11, No. 3 2021	Scopus	1.58	<u>Success Culture Press</u>
3	An Optimal Energy Utilization of Cluster Routing Protocol for Wireless Sensor Network in Restricted Area.	Pavithra G.S., Babu N.V.	Indian Journal of Science and Technology	14(22):1813-1828.	WoS	0.98	<u>Indian Society for Education and Environment</u>
4	Energy Efficient Hierarchical Clustering using HACOPSO in Wireless Sensor Networks	Pavithra G.S., Babu N.V.	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN: 2278-3075, Volume-8 Issue-12, October, 2019	Scopus	1.0	<u>Blue Eyes Intelligence Engineering and Sciences Publication (BEIESP)</u>
5	A Review of the Clustering Protocol for Enhancing Energy Efficiency in the Wireless Sensor Network.	Pavithra G S, Arjun S. Odeyar, Dr. Babu N.V.	International Journal of Research in Electronics And Computer Engineering, (IJRECE)	VOL. 6 ISSUE 3 (JULY - SEPTEMBER 2018)	--	0.54	--
6	Secure Data Deduplication in Cloud	Arpitha .R, Pavithra G. S	International Journal of Advance Research and Development. (JARnD)	Volume2, Issue8, (2017)	--	4.14	--
7	Secure Routing Packet Transmission	Manjula M, Pavithra G S	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)	Volume 4, Issue 4, ISSN 2321-8169 (2016)	--	5.09	<u>Auricle Technologies Pvt. Ltd.</u>

7. Membership of Professional Bodies:

1. Life Member, Institute of Engineers (India), No. M147998-3
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2. Life Member, International Association of Engineers (IAENG) , Member No. 128630
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3. Life Member, Institute of Scholars (InSc) , No. InSc20210988
