



Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning)			
<b>NAME</b>	GURUPRAKASH B		
<b>UNIQUE ID</b>			
<b>DESIGNATION</b>	ASSOCIATE PROFESSOR & HEAD		
<b>QUALIFICATION</b>	Ph.D.,		
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<b>EXPERIENCE</b>	INDUSTRY	TEACHING	TOTAL
	-	19	19
<b>DATE OF JOINING THE INSTITUTION</b>	01.06.2016		
<b>RESEARCH FOCUS</b>	<b>WIRELESS SENSOR NETWORKS &amp; CLOUD COMPUTING</b>		
<b>SUBJECT COMPETENCY</b>	OBJECT ORIENTED PROGRAMMING, PYTHON PROGRAMMING, CRYPTOGRAPHY AND NETWORK SECURITY, JAVA PROGRAMMING, CLOUD COMPUTING		
<b>NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)</b>	15		
<b>NO OF CONFERENCE ATTENDED (INTERNATIONAL/NATIONAL)</b>	26		
<b>NO OF BOOKS PUBLISHED</b>	-		



### **Academic Credentials**

<b>Level</b>	<b>Degree</b>	<b>Specialization</b>	<b>University</b>	<b>Year of Completion</b>
UG	B.E	COMPUTER SCIENCE ENGINEERING	M.K UNIVERSITY	2003
PG	M.E	NETWORK ENGINEERING	ANNA UNIVERSITY	2005
Ph.D	Ph.D	INFORMATION COMMUNICATION ENGINEERING	SETHU INSTITUTE OF TECHNOLOGY	2020

### **Details of Journal Publication:**

- **Guruprakash .B,** Sathish kumar K, & Sukumar, R 2021, “A Secured authentication and DSM-KL ascertained optimization of a hybrid block chain – enabled framework for a multiple WSN”International Journal of Communication Systems”, Wiley, vol. 34, no. 1, pp1-27 (Annexure – I).ISSN:1099-1131. Impact Factor – 2.047
- **Guruprakash.B.,** Dr.R.Sukumar “Interference And Energy Aware Approach For Multitask Scheduling In wireless sensor networks”, International journal of printing, packaging & Allied sciences Vol.4, Issue No.3, December 2016
- **Guruprakash, B.,** Sukumar, R & Balasubramanian, C 2018, ‘A swarm intelligence based clustering technique with scheduling for the amelioration of lifetime in sensor networks ,Wireless Personal Communication, Springer, vol.103, no. 4, pp. 3189-3207. (Annexure – I)DOI: 10.1007/s11277- 018-6002-0, ISSN: 0929-6212 (Print) 1572-834X (Online) Impact Factor- 1.200.
- Sangeetha .P., Marichamy.P., and **Guruprakash.B.,** “Performance of Multi-Flow Wireless Multimedia Transmissions”, International Journal of Advanced Research in Computer Science and Technology, Vol.2 Issue Special 1, Jan – March 2014.

- Sangeetha .P., Marichamy.P., and **Guruprakash.B.**, “A Competent Concurrent Multi – Flow Wireless Multimedia Transmissions”, International Journal of Advanced Information Science and Technology, Vol.21, No.21, January 2014.

#### **Details of Conference attended:**

- **Guruprakash.B.**, Sangeetha.P., and Sukumar.R., “A Ballot – based Data Gathering Scheme for Energy Utilization in Wireless Sensor Networks”, IEEE International Conference on Communication and Signal Processing at Adhiparasakthi Engineering College, Melmaruvathur on April 3 – 5, 2014.
- Dr.V.Vivek , **Mr.B.Guruprakash**, Mr.S.Sinanathan, “A Real time Approach for identifying the Obstacles on Railway Track using Thermal imaging” Journal of Advanced Research in Dynamical and Control Systems (Elsevier & Scopus Indexed), vol. 10, no. 2, pp1206-1219, May-2018.
- **Guruprakash**, B, Sukumar, R & Balasubramanian, C 2019, ‘An Approach by Adopting Multi-Objective Clustering and Data Collection Along With Node Sleep Scheduling for Energy Efficient and Delay Aware WSN’, Peer-to-Peer Networking and Applications, Springer. (Annexure – I), ISSN: 1936-6442 (Print) 1936-6450 (Online) Impact Factor - 1.514.
- Sathish Kumar K, AlangudiBalaji N, **Guruprakash B**, “Efficient Elliptic Curve crypto system with Expedite Point Multiplication Method for Resource Constrained Environments”, Solid State Technology .Vol. 63, No. 6, 2020(Scopus Indexed).