




<u>Department of Computer Science and Engineering</u>				
<b>NAME</b>	<i>GURUPRAKASH.B</i>			
<b>UNIQUE ID</b>	FD2040			
<b>DESIGNATION</b>	ASSISTANT PROFESSOR(S.G)			
<b>QUALIFICATION</b>	M.E.,(Ph.D),			
<b>EMAIL ID</b>	guruprakash_cse@sethu.ac.in			
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<b>EXPERIENCE</b>	INDUSTRY	TEACHING	TOTAL	
	-	17Years 4 Months	17 Years 4 Months,	
<b>DATE OF JOINING THE INSTITUTION</b>	01.06.2016			
<b>RESEARCH FOCUS</b>	Wireless Sensor Networks, Image Processing, Cloud Computing			
<b>SUPERVISOR REF.NO.</b>	3940032			
<b>NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)</b>	7			
<b>NO OF CONFERENCE ATTENDED (INTERNATIONAL/NATIONAL)</b>	3			
<b>NO OF BOOKS PUBLISHED</b>	-			
<b>SUBJECT COMPETENCY</b>	1.Web Technology 2.Object Oriented Programming 3.Image Processing 4.Wireless Sensor Networks			

## ***Academic Credentials***

<b>Level</b>	<b>Degree</b>	<b>Specialization</b>	<b>University</b>	<b>Year of Completion</b>
UG	B.E	Computer Science and Engineering	Madurai Kamaraj University	2003
PG	M.E	Networking	Anna University Chennai	2005
Ph.D	Ph.D	Wireless Sensor Networks	Anna University Chennai	2020

### **Details of Journal publications:**

- **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, 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.**
  
- **Guruprakash, B, Balasubramanian, C & Sukumar, R** 2019, ‘HHFDS: Heterogeneous hybridized fuzzy-based Dijkstra's multitask scheduling in WSN’, Concurrency and Computation: Practice and Experience, WILEY-BLACKWELL. (Annexure – I) DOI: 10.1002/cpe.5354, ISSN: 1532-0626 (Print) 1532-0634 (Online) **Impact Factor - 1.114 (First published: 10 June 2019).**

- **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.
- 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
- 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 **“Review on spectrum sharing approaches based on Fuzzy and Machine Learning techniques in Cognitive Radio Networks”** International Conference on computational vision and Bio Inspired Computing organized by inventive research organization and RVS technical campus, Coimbatore, 29-30, November 2018.
- 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.
- Guruprakash.B., Sukumar.R., and Veeraiah.A., **“Comparison of rule based Algorithms for hiding supplier based sensitive association rules”** National Conference at Sethu Institute Of Technology, Kariapatti on February 2012.

