

Name	J.DIVAKARAN		
Department	ECE		
Qualification	B.E., M.E., (Ph.D).,		
Area of Specialization	COMMUNICATION SYSTEMS		
Date of Joining (KSR IET)	01-06-2017		
Experience (as on 01.06.2020)	Teaching:8Y	Industry:-	Others: -
Number of Papers Published	National Journals:- International Journals:04		
Number of Papers Presented	National Conferences:02 International Conferences: 08		
Books Published	National Publisher: - International publisher:-		
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Publications (International Journals)

1. J.Divakaran, M.Sivakumar, Feb 2016, "Path stability based load balancing in Wireless Sensor Networks", International Journal of Science and Advance Research in Technology, Vol.2 / Issue 2, Pg 86-91.
2. J.Divakaran, M.Sivakumar, Feb 2016, "Energy efficient routing based load balancing approach for Wireless Sensor Networks", International Journal of Innovative Research in Science, Engineering and Technology, Vol.5 / Issue 2,Pg 2514 – 2525.
3. J.Divakaran, March 2013, "Lifetime maximization of Wireless sensor network by using sleep and wake-up procedure", International Journal of Advanced Information Science and Technology, Vol.11 / No.11, Pg 119-123.
4. J.Divakaran, S.Ilango Sambasivan, May-June 2012, "Maximizing the lifetime of clustered Wireless Sensor Network via Co-Operative Communication", International Journal of Modern Engineering Research, Vol.2 / Issue 3, Pg 612-617.

Publications (National Journals)

NIL

Publications (International Conferences)

1. Presented a paper in IEEE sponsored 6th International E - conference on Latest trends in science, engineering and technology (ICLTSET) on the topic of "Automated self navigated dustbin dispensary system smart cities" held at

Karpagam Institute for Engineering and Technology on 13 April, 2020.

2. Presented a paper in IEEE sponsored 3rd International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) on the topic of “Design and analysis of Microstrip patch antenna” held at Karpagam College of Engineering on 17 & 18 March, 2016.
3. Presented a paper in IEEE sponsored 3rd International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) on the topic of “Energy optimization in clustered wireless sensor Network” held at Karpagam College of Engineering on 17 & 18 March, 2016.
4. Presented a paper in DRDO sponsored 2nd International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) on the topic of “Survey on microstrip patch antenna” held at Karpagam College of Engineering on 19 & 20 March, 2016.
5. Presented a paper in DRDO sponsored 2nd International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) on the topic of “Maximizing the lifetime of clustered wireless sensor networks” held at Karpagam College of Engineering on 19 & 20 March, 2016.
6. Presented a paper in IEEE sponsored 9th International conference on Intelligent systems and control (ISCO) on the topic of “An experimental study on microstrip rectangular patch antenna for broad band applications” held at Karpagam College of Engineering on 9 & 10 January, 2015.
7. Presented a paper in IEEE sponsored 9th International conference on Intelligent systems and control (ISCO) on the topic of “Routing optimization in clustered wireless sensor networks” held at Karpagam College of Engineering on 9 & 10 January, 2015.
8. Presented a paper in International conference on Computer, Communication and signal processing on the topic of “Maximizing the lifetime of wireless sensor network by sleep and wakeup procedure” held at SSM College of Engineering on 21st – 23rd September 2011.

Publications (National Conferences)

1. Presented a paper in National Conference on Advances in Computational Sciences’17 on the topic of “Performance analysis of circular patch antenna with different substrate configurations” held at Karpagam University.
2. Presented a paper in 2nd National conference on Advanced Computational Intelligence systems on the topic of “Route selection method for disaster management via cognitive WSN” held at Nandha Engineering College on 1-03-2014.

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	-	-	-	-

Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1	Future advancements and applications of Internet of Things	Faculty Development Programme	Duy Tan University, Vietnam	12 th to 14 th June 2020
2	Artificial Intelligence in healthcare	Faculty Development Programme	R C Patel Institute of Technology, Shirpur	10 th and 11 th June 2020
3	Antennas and Wave Propagation	Faculty Development Programme	K S R Institute of Engineering and Technology	November 2017
4	Know your Rights – Aspects of IPR	Faculty Development Programme	Karpagam College of Engineering	11-02-17
5	Internet of Things with Rasberry pi	Workshop	Karpagam College of Engineering	11-03-17.
6	Largest human image of a music instrument	world record attempt	Karpagam College of Engineering	15-09-16
7	Microwave integrated circuit design (Hands-on training using ADS)	workshop	PSG Institute of Technology and Applied Research	05-03-16.
8	System design using Tanner tool	workshop	Karpagam College of Engineering	20-02-15
9	IC Design flow using mentor graphics tool	Faculty Development Programme	PPG Institute of Technology	29 th & 30 th Jan 2015.
10	Long term evolution of 4G'	seminar	Hindusthan Institute of Technology	21-02-2014
11	Life and Industrial Safety'	workshop	Angel college of Engineering and Technology	27-08-13
11	Image processing using MATLAB	workshop	Narasus sarathy	19-08-2011

