

**ANNAMALAI UNIVERSITY**  
**FACULTY OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**PUBLICATION DETAILS FOR ACADAMIC YEAR 2015 ONWARDS**

Sl. No	Name of the Author	Title	Journal Name (Specify National or International)	Year of Publication, Volume No, Issue No..	Impact Factor	Scopus/UGC/SCI/Non Referred Journal
01	K. Devarajan	Optimized Path Evaluation for Mobile Ad Hoc Wireless Networks Using Enriched Protocols	International Journal of Applied Engineering Research	ISSN 0973-4562 Volume 10, Number 2 (2015) pp. 2419-2431		Scopus & UGC
02	K.Devarajan	Diversified Optimization Techniques for Routing Protocols in Mobile Ad-Hoc Wireless Networks	ARPJN Journal of Engineering and Applied Sciences	Vol. 10, No. 12, July 2015ISSN 1819-6608		Scopus& UGC
03	K.Devarajan	An Enhanced Cluster Gateway	International Journal of Computer Applications	ISSN 0975 – 8887 Volume 123 – No.3, August 2015	3.12	Non Referred Journal

		Switch Routing Protocol (ECGSR) for Congestion Control using AODV Algorithm in MANET				
04	K.Devarajan	An Effective and Efficient Congestion Control Scheme for MANET Using COCO Method	International Journal of Emerging Technology and Advanced Engineering	ISSN 2250-2459 Volume 5, Issue 8, August 2015	5.119	UGC (REMOVED JOURNAL LIST)
05	K. Devarajan	Performance Evaluation of MANET Routing Protocol Using Random Way Point and Manhattan Mobility Models	Middle-East Journal of Scientific Research	24 (8): 2523-2530, 2016 ISSN 1990-9233		Scopus

06	K.Devarajan	Quality of Service Aware MDSR & MAODV Routing Protocol using Load Balancing Technique in Mobile Ad-Hoc Network	IJSRD - International Journal for Scientific Research & Development	Vol. 6, Issue 03, 2018, ISSN 2321-0613	4.396	Non Referred Journal
07	K.Devarajan	A Novel Adaptive Call Admission Mechanism Based on user Mobility and Spectrum Awareness for Cellular Networks	International Journal of Electronics and Communication Engineering (SSRG-IJECE)	Special Issue ICETSST April 2018, ISSN 2348-8549	2.03	Non Referred Journal
08	K.Devarajan	Quality of Service Aware Routing Protocol in Mobile Ad-Hoc Network	International Journal of Scientific Research in Science, Engineering and Technology (www.ijsrset.	Vol. 5, Issue-3, April 2018  March-April-2018, ISSN 2394-4099	5.016	Non Referred Journal

			com)			
09	K.Devarajan	Spectrum Allocation for Downlink 4G Networks	International Journal of Scientific Research in Science, Engineering and Technology (www.ijsrset.com)	Vol. 5, Issue-3, April 2018  March-April-2018, ISSN 2394-4099	5.016	Non Referred Journal
10	K.Devarajan	Design and Execution of Pentagonal Fractals for Multiband Antenna Design In UWB Application	International Journal of Research in Advent Technology (IJRAT) Special Issue	Vol. 1, Special Issue, Oct-2018,E-ISSN: 2321-9637		UGC
11	K.Devarajan	Performance Realization of MANET Routing Protocol Using Swarm Intelligent Optimization Algorithm	Bioscience Biotechnology Research Communications (BBRC)	Vol. 12, No.2, March 2019, ISSN: 0974-6455Online ISSN: 0974-6455		Web of Science -ESCI & UGC
12	K.Devarajan	Performance Analysis	Bioscience Biotechnology	Vol. 12, No.2, March 2019,		Web of Science-ESCI& UGC

		of Reward Based Learning Technique Cooperative Spectrum Sensing (RL-CSS) in Cognitive Radio Networks	y Research Communications (BBRC)	ISSN: 0974-6455Online ISSN: 0974-6455		
13	K.Devarajan	Isolation of Detected in Eavesdropping In 5G Wireless Communication Networks	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 6, Issue 5, pp. 351-365, May 2019, ISSN: 2349-5162		UGC
14	K.Devarajan	Genetic Algorithm Based Optimized Adaptive Teen Routing for WSN	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-8 Issue-4, November 2019	N/A	Scopus
15	Md.AsimIqbal, <b>Dr.K.Devarajan</b> Dr.SyedMusthak Ahmed	A Brief Survey of Asthma Classification using Classifiers	International Journal of Advance Science and Technology	ISSN 2005-4238 Vol 28, No.15 (2019) pp 717-740	0.42	Scopus

16	Md.AsimIqbal <b>Dr. K.Devarajan</b> Dr.SyedMusthak Ahmed	A Literature Survey on Identificatio n Of Asthma Using WPT and ANN	International Journal Of Scientific & Technology Research	ISSN 2277- 8616, Volume 9, Issue 02, February 2020	N/A	Scopus
17	P.Sakthibalan <b>Dr. K.Devarajan</b>	Enhancing Secrecy Rate Of UE With Dynamic Authenticat ion And Access Control in 5G Communica tion Networks	Journal of Communicati on	ISSN: 1796-2021 Vol 15, No 2, Feb 2020	0.59	Scopus
18	<b>Devarajan Krishnamoorthy</b> ,Padm athilagam Vaiyapuri,Ayyasamy Ayyanar,Y. Harold Robinson,Raghvendra Kumar,Hoang Viet Long,Le Hoang Son	An Effective Congestion Control Scheme for MANET with Relative Traffic Link Matrix Routing	Arabian Journal for Science and Engineering	ISSN: 2193-567X Volume 45, pages 6171–6181 (11 April 2020)	2.7	Web of Science –SCIE & Scopus
19	M.Saravanan, P.Sakthibalan,	Terahertz Micro Strip	International Journal of	ISSN: 2233-7857, Vol.	0.4	Web of Science–ESCI& Scopus

	R.Kanimozhi, <b>Dr.K.D evarajan</b>	Slot Antenna on 3-D Printable Substrate Loaded with Photonic Crystals	Future Generation Communicati on and Networking	13, No. 2, May- 2020 pp.1012- 1017		
20	P.Sakthibalan, R.Kanimozhi, M.Saravanan, <b>Dr.K.Devarajan</b>	High Energy and Spectral Efficiency Analysis for 5g based Spectrum Aggregatio n	International Journal of Future Generation Communicatio n and Networking	ISSN: 2233- 7857Vol. 13, No. 3, (2020), pp. 3549– 3560	0.4	Web of Science–ESCI& Scopus
21	Md. AsimIqbal, <b>Dr. K. Devarajan</b> , Dr. Syed Musthak Ahmed	A Detailed Literature Survey of Asthma Disease Detection with Various Classifiers	International Journal of Grid and Distributed Computing	ISSN: 2005-4262 Vol. 13, No. 1s, (2020), pp. 50-75	N/A	Web of Science-ESCI&Scopus
22	<b>Krishnamoorthy, D.</b> ,Vaiyapuri, P., Ayyanar, A., Harold Robinson, Y., Kumar, R., Long, H. V., & Son, L. H	An Effective Congestion Control Scheme for MANET with	Arabian Journal for Science and Engineering	ISSN: 2193-567X / 2191-4281 , Vol. 45, pp. 6171–6181, (2020)	2.7	SCIE& Scopus- <a href="https://mjl.clarivate.com:/search-results?issn=2193-567X&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://mjl.clarivate.com:/search- results?issn=2193- 567X&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp; utm_medium=share-by-link&amp;utm_campaign=search- results-share-this-journal</a>

		Relative Traffic Link Matrix Routing.				
23	Md. AsimIqbal, <b>Dr. K. Devarajan</b> , Dr. Syed Musthak Ahmed	Identification of Asthma Disease using Acoustic Parameters	Materials Today: Proceedings	ISSN: 2214-7853 2020 Nov 12.	1.3	Scopus
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**NATIONAL / INTERNATIONAL CONFERENCE, SEMINAR, WORKSHOP PARTICIPATED/PRESENTED 2018 ONWARDS**

S.No.	Year	Name	Title	Venue/ Date
1	2018	ETRES – 18	Emerging Trends in RF and Engineering Sciences	Annamalai University, Annamalainagar from 26th and 27th April – 2018
2	2018	ICETSST – 2018	A Novel Adaptive call admission Mechanism based on User Mobility and spectrum Awareness for Cellular Networks	Erode Sengunthar Engineering College, Erode. on 5th and 6th April – 2018
3	2018	ICICSS – 2018	A TREE Based Adaptive Data Aggregative Method for Improving Energy Efficiency in Wireless Sensor Networks <b>ISBN: 978-1-5386-4344-0</b>	Akshaya college of Engineering and technology, Coimbatore on 20,21 Sept –



				2018
4	2018	ICCES – 2018	Contradictory High Pitch Emotions Analysis of Speech Synthesize using Fuzzy Network for Tamil <b>ISBN: 978-1-5386-4765-3</b>	PPG Institute of Technology, Coimbatore 15th – 16th Oct – 2018,
5	2018	ICCES – 2018	2 – Level DWT based copy move Forgery Detection with SURF Features <b>ISBN: 978-1-5386-4765-3</b>	PPG Institute of Technology, Coimbatore 15th – 16th Oct – 2018,
6	2018	INTELINC – 2018	Reveal and Localization of Bandwidth Spoofing in multi – hop 5G Wireless Networks <b>ISBN: 978-8193-5722-2-1</b>	Annamalai University, Annamalainagar on 12 – 13 Oct – 2018
7	2018	INTELINC – 2018	Design and Execution of Pentagonal Fractals for Multiband Antenna Design in UWB Applications <b>ISBN: 978-8193-5722-2-1</b>	Annamalai University, Annamalainagar on 12 – 13 Oct – 2018
8	2019	ICACCES -19	Effective Utilization Of Localization Technique In 5G Wireless Network	Bharathiyar College of Eng., and Tech Karaikal on 15 <sup>th</sup> March 2019
9	2019	ICACIT 2019	Optimum capacity delay substitution in MANET with link of node mobility. <b>ISBN: 978-81-942094-0-9</b>	Dept. of CSE, Annamalai University, Chidambaram on 24 <sup>th</sup> and 25 <sup>th</sup> Sep 2019
10	2019	ICACIT 2019	An Appraisal on Cognitive Radio Spectrum Sensing <b>ISBN: 978-81-942094-0-9</b>	Dept. of CSE, Annamalai University, Chidambaram on 24 <sup>th</sup> and 25 <sup>th</sup> Sep 2019
11	2020	ICSCAN 2020	Enhanced Physical Layer Security Scheme of user Equipment's with Social Spider Algorithm in 5G Wireless Networks	ManakulaVinayagar Institute of Technology, poducherry on 3 and 4 July 2020