

Name	Dr. S.SHANMUGA PRIYA			
Contact (office)	Assistant Professor Department of Computer Science and Engineering M.I.E.T Engineering College Trichy.			
Email	Shanmugapriya.s@miet.edu			
Educational Qualifications	DEGREE	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
	Ph.D., ICE	Anna University, Chennai	Anna University, Chennai	2019
	M.B.A (HR)	Bharathidasan University	Bharathidasan University	2009
	M.Tech., (IT)	Sathyabama University	Sathyabama University	2006
	B.Tech., (IT)	School of Engg & Technology	Bharathidasan University	2004
Professional Career Profile	Organization	Designation	Date of Joining	Duration of work
	Sathyabama University, Chennai	Lecturer	Jun 2006	April 2007
	VIT University, Vellore	Assistant Professor	April 2007	May 2011
	M.I.E.T. Engineering College	Assistant Professor	24.05.2011	Till Date
Awards & Recognitions	Received cash award for Achieving 100% result in Anna University Examinations in 2016 (Even & Odd Semester) & 2017(Even Semester) academic years.			
Membership in Professional Bodies	CSI &ISTE (Life Member)			
Academic Areas of Interest	Cloud Computing , Security, Machine Learning			
Administrative Capabilities	<ul style="list-style-type: none"> ➤ In-charge for CSI Institutional and Student Wing Coordinator. ➤ Acted as a Technical Symposium and Seminar Coordinator for the past three years ➤ IQAC member during 2018 to 2019. 			

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| | <ul style="list-style-type: none"> ➤ DAC member for our department from 2015. ➤ Assisted with NBA activities in our department. ➤ Acted as a HOD in-charge in the Department of IT between 2011 to 2012. ➤ Time Table Coordinator for the Department of IT from 2013 to 2014. |
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LIST OF PUBLICATIONS

- **S.Shanmuga Priya**, M.Sivaraman,D.Yuvaraj & A.Jaynthiladevi "Machine Learning based DDOS Detection" in International Conference on Emerging Smart Computing & Informatics on 12th to 14th March 2020 in AISSMS Institute of Information Technology, Pune. DOI: 10.1109/ESCI48226.2020.9167642. Added in IEEE Explore.
- A.Bazeer Ahamed, D.Yuvaraj & **S.Shanmuga Priya** "Image Denoising With Linear and Non-linear Filters" (Scopus Indexed) in International Conference on Computational Intelligence and Knowledge Economy (ICCIKE) 2019 11th to 12th December 2019 in Amity University, Dubai. DOI: 10.1109/ICCIKE47802.2019.9004429. Added in IEEE Explore 20th Feb 2020.
- P.Sudhakaran, D.Yuvaraj & **S.Shanmuga Priya** "Load Predicting Model of Mobile Cloud Computing Based on Glowworm Swarm Optimization LSTM Network" International Journal of Interactive Mobile Technologies Vol 14 No 5 eISSN: 1865-7923 <https://doi.org/10.3991/ijim.v14i05.133>
- **S.Shanmuga Priya**, Dr.A.Valarmathi & L.Mary Gladence, "Brain Tumor Detection and Disease Prediction using CNN Algorithm" Test Engineering and Management January - February 2020 ISSN: 0193 - 4120 Page No. 13376 – 13381.
- M.Sivaram & **S.Shanmuga Priya** Decision Support System for Determining Academic Advisor Using Simple Additive Weighting published Cognitive Informatics and Soft Computing pp 149-156 Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 1040) https://doi.org/10.1007/978-981-15-1451-7_16 , 15 Jan 2020.
- **S.Shanmuga Priya** & Dr.A.Valarmathi" The Personal Authentication Service and Security Enhancement for Optimal String Password" in Concurrency Computation Practice & Experience. Dec 2018.doi.org/10.1002/cpe.5009. (SCI) .Impact Factor 1.114

- **S.Shanmuga Priya**, Dr.A.Valarmathi & L.Mary Gladence, "Enhanced Mutual Authentication System in Mobile Cloud Environments" International Journal of Engineering & Technology ISSN 2227-524X in Volume 7, September 2018 P.No192-197 indexed in SCOPUS.
- **S.Shanmuga Priya** & Dr.A.Valarmathi "Efficient Fuzzy C-Means based multilevel image segmentation for Brain Tumor detection in MR images" Design Automation for Embedded Systems ISSN 0929-5585 in Issue 1-2/2018, Jan 2018 <https://doi.org/10.1007/s10617-017-9200-1> SPRINGER (Annexure I) impact factor 0.516.
- Mary Gladence L, Hari Haran S & **Shanmuga Priya S**, "Home and Office Automation System using Human Activity Recognition" in international conference on Communication and Signal Processing added in IEEE Explore (ICCSP-2017) 6th to 8th April 2017 in Adiparasakthi Engineering College. DOI. 10.1109/ICCSP.2017.8286463.
- **S.Shanmuga Priya** & Dr.A.Valarmathi "Survey on Identification of Brain Tumor Using Medical Image Segmentation and Edge Detection" Advances in Natural and Applied Sciences ISSN: 1995-0772 in pg 297-302, Jul 2017. (Annexure II)
- **S.Shanmuga Priya**, Dr.A.Valarmathi & Gowri Priya Improved Algorithm to Identify the images in Underwater "International Journal of Advanced Research in Management, Architecture, Technology and Engineering in Vol 3 Special Issue II IISN No 2454-9762 in Apr 2017.
- **S.Shanmuga Priya**, Efficient Resource Allocation For Spectrum Leasing In Cooperative Cognitive Radio Networks" International Journal of Innovative Research in Computer and Communication Engineering in vol4 issue2 ISSN No 2320-9798 in Feb 2016.
- **S.Shanmuga Priya** & Gowri Multi-Copy Routing Techniques In Mobile Communal Network Using Homing Spread "International Journal of Innovative Research in Computer and Communication Engineering in vol4 issue2 ISSN No 2320-9798 in Feb 2016.
- **S.Shanmuga Priya**, Composite portable data offload through interruption compassionate networks "International Journal of Applied Engineering Research in vol20 ISSN No 0973-4562 in Apr 2015.

- **S.Shanmuga Priya**, Secure and Efficient Transmission "Research Journal of information science & Technology in vol2 ISSN NO 2348-1501 in Apr 2015.
- **S.Shanmuga Priya**, Research Challenges and Security Issues in Cloud Computing "International Journal of Computational Intelligence and Information Security in Vol 3 ,No 3,Pages 42-48 ISSN No 1837-7823 in Mar2012.
- **S.Shanmuga Priya**, Two factor authentication "Journal of computer applications in Vol 5 ISSN No 0974 – 1925 on Feb2012.

PATENT

- Published a patent under the title "STRESS DETECTOR AND REDUCER WEARABLE DEVICE USING IOT" March 2020
- Published a patent under the title "Doctor's Kit for the Aged People" August 2020.

INTERNATIONAL CONFERENCE

- Presented a Paper in IEEE International Conference on Emerging Smart Computing and Informatics "Machine Learning Based DDOS Attack" at 14th March 2020 AISSMS IOT Pune.
- Presented a paper "Brain Tumor Detection and Disease Prediction using CNN Algorithm" in International Conference on Artificial Intelligence and Machine Learning at Sathyabama University on 5th April 2019.
- Presented a paper "Detection of Affected Cluster Using Interactions Keymeans for Brain Tumor" in International Conference on Emerging Trends in Engineering and Technology at Nandha College of Technology on 16th March 2019.
- Co-Author of a paper "Identity based network security commercial chain block" in National Conference on Power Electronica and Drives at Alagappa Chettiar Government College of Engineering and Technology, Karaikudi, TEQIP-III Sponsored on 27th March 2019.
- Presented a paper "SWT Based Multilevel image segmentation for Brain Tumor Detection in MR Images" in the International Conference on Recent Research Engineering &Technology at Cheran College of Engineering 15th & 16th March 2018

- Presented a paper "The Personal Authentication Service and Security Enhancement for optimal strong password" in the International Conference on Recent Research Engineering & Technology at Cheran College of Engineering 15th & 16th March 2018
- Presented a Paper "Enhanced Mutual Authentication System in Mobile cloud Environments" in International Conference on Internet of Things and Challenges at Vel Tech Multi Tech Dr.Rangarajan & Dr.Sakunthala Engg college Chennai on 14th and 15th Dec 2017.
- Presented a Paper "Improved Algorithm to Identify the images in Underwater" in International Conference on computing, communication and Automation at Indra Ganesan College of Engineering 7th & 8th April 2017.
- Presented a Paper "Survey on identification of braintumor" in International Conference on computing, communication and Automation at Indra Ganesan College of Engineering 7th & 8th April 2017.
- Presented a Paper "Multi-Copy Routing Techniques In Mobile Communal Network Using Homing Spread" in International Conference on Computer, Electrical, Electronics, Management and Information Technology at Ranganathan Engineering College Coimbatore on 11th March 2016.
- Presented a Paper "Efficient Resource Allocation For Spectrum Leasing In Cooperative Cognitive Radio Networks" in International Conference on Computer, Electrical, Electronics, Management and Information Technology at Ranganathan Engineering College Coimbatore on 11th March 2016.
- Presented a Paper "Composite portable data offload through interruption compassionate networks" in National level Technical Conference on Advances in computing, communication and security at Indra Ganesan College of engineering Trichy on 2nd April 2015.
- Presented a Paper "Secure and Efficient Data Transmission" in National level Technical Conference on Advances in computing, communication and security at Indra Ganesan College of engineering Trichy on 2nd April 2015.
- Presented a paper "Using Hasbe for Securely Sharing Files in Cloud Computing" in National Conference in innovation and invention in communication & computing at Kalaivani Engineering College Coimbatore on 17th April 2013.

- Presented a paper "Providing Security over Jamming Attacks by Packet Hiding Method in Wireless Network" in the National Level Conference on Information Computing at Mepco Schlenk Engineering College Sivakasi on April 2013.
- Presented a paper "Cloud computing and Security Issues" in the National Level Conference at Easwari Engineering College Chennai on 17th April 2012.
- Presented a Paper "Security issues in cloud computing" in International Conference at PSNA Engineering college Dindigul on 22nd Feb 2012 on Computing, Communication and Application
- Presented a paper "Two Factor Authentication" in the National Level Conference on Emerging Technologies & Advanced Computing at KSR College of engineering Tiruchengode on 10th Feb 2012.