


Sethu Institute of Technology
An Autonomous Institution
Pulloor, Kariapatti - 626 115, Virudhunagar



Department of Information Technology

NAME	Rajalakshmi Gurusamy			
UNIQUE ID	FD9406			
DESIGNATION	Assistant Professor			
QUALIFICATION	B.Tech (IT)., M.E (CSE)			
EMAIL ID	rajalakshmi@sethu.ac.in			
ALTERNATE EMAIL ID	jrajalakshmig@gmail.com			
EXPERIENCE	INDUSTRY	TEACHING	TOTAL	
	Nil	11 Years 11 Months	11 Years 11 Months	
DATE OF JOINING THE INSTITUTION	20.08.2010			
RESEARCH FOCUS	<i>Big Data, Machine Learning, Artificial Intelligence</i>			
SUBJECT COMPETENCY	Python, Database Management Systems, Data mining			
NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)	3			
NO OF CONFERENCE ATTENDED	7			
NO OF BOOKS PUBLISHED	3			

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
PG	M.E	Computer science and engineering	Anna University, Thirunelveli	2013
UG	B.Tech.,	Information Technology	Anna University, Chennai	2010

CONFERENCES:

- Presented the paper in the 3rd International Conference on Communication Systems paper entitled “Tweak Myocardial Infarction (Mi) Prognosis Methodologies Using RFGS Optimization for Machine Learning and Hyper-parameters” organized by Department of Electronics and Communication Engineering, National Institute of Technology, Puducherry, Karaikal, on December 17, 2021.
- Presented a paper entitled, “Observing the Development Of Smart Water Quality Monitoring System With Internet Of Things (IOT)”, International Virtual Conference on Computational Intelligence and Applications (ICCIA 2020) on 28.08.2020 at Mohamed Sathak AJ College of Engineering, Chennai.
- Presented a paper entitled, “Detecting Malicious Social Bot in Social Media”, International Virtual Conference on Computational Intelligence and Applications (ICCIA 2020) on 28.08.2020 at Mohamed Sathak AJ College of Engineering, Chennai.
- Presented the paper in the 4th International Conference on Current Research in Engineering Science and Technology paper titled :An Automatic IOT Based Irrigation Control Using Arduino Controller” on March 8th , 2019.
- Presented the paper in the International Conference on Applied Mathematics and Theoretical Computer Science paper entitled “An Emerging Statistical Analysis for Solving Big Data Problems Using R tool” on 1st - 3rd Feb 2018.
- Presented the paper in the 1st International Conference on VLSI Computation, Networking, and Drives & System Design paper entitled “Utilize Proficient Intrusion Detection System for Data Mining Techniques” on 28th March 2014.
- Presented the paper in the 3rd National Conference on “Embryonic Technologies in Information and Computing” paper entitled “Exploit Competent Data Mining Techniques for Feature Selection to Enhance the Intrusion Detection System” on 5th April 2013.

JOURNAL PUBLISHED

- Gurusamy, R., & Seenivasan, S. R. (2022). DGSLSTM: Deep Gated Stacked Long Short-Term Memory Neural Network for Traffic Flow Forecasting of Transportation Networks on Big Data Environment. Big Data.
- Published a paper titled "An Emerging Statistical Analysis for Solving Big data Problems Using R-Tools" in International Journal of Research and Analytical Reviews, December 2018, Volume 5, Issue 4, E-ISSN 2348-1269, P-ISSN 2349-5138.
- Published a Paper titled "A Succinct study and analysis of smart Manufacturing: IOT is driving the next Industrial Revolution" in Journal of Emerging Technologies and innovative Research, Volume 5, Issue 12, December 2018.

BOOKS PUBLISHED

- Published a book named "Data Structures and Algorithms: A Practical Approach" with ISBN 1397893-82459-20-0
- Published a book named "Computer Organization and Architecture" with ISBN 978-93-80686-51-6
- Write a Manuscript titled "Agile Software Development"