


SRI SAI RAM ENGINEERING COLLEGE,CHENNAI-44

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name & Photo :	Dr. V. Rajalakshmi 
Designation:	Associate Professor
Qualification :	B.E., M.E., Ph.D
Area of Specialization :	Data Analytics, Artificial Intelligence
Experience :	Teaching : UG & PG : 16.5 yrs
	Industry :- Nil
No. of workshop / Conferences / FDP attended :	40
Publication :	Journal National: 5 International: 15
	Conference National: 5 International: 5
	Indexed SCI : 2 WOS : 3 SCOPUS : 21 Others : 10
	Book Chapter:1
	Patents: Published : 2 Granted : -
Membership in Professional bodies:	<ul style="list-style-type: none"> ● Life Member, International Association of Engineers member, IAENG ● ISTE Membership ● One Year IEEE Membership
Responsibilities :	<ul style="list-style-type: none"> ● NBA Faculty Contribution File incharge

	<ul style="list-style-type: none"> • Department Publication File Incharge • Class coordinator for M.E. [BDA] 2024-26 Batch
Achievements:	<ul style="list-style-type: none"> • NPTEL Domain Certified in Data Science • 100 % results produced in all 6 courses in the past two years.

PROFESSIONAL EXPERIENCE:

Sl. No	College / Organization	Designation	Period	
			From	To
1	Sathyabama University, Chennai	Lecturer	04-06-2002	30-04-2005
2	Sathyabama University, Chennai	Assistant Professor	04-06-2007	30-04-2019
3	Sri Sai Ram Institute of Technology, Chennai	Associate Professor	21-06-2024	30-06-2025
1	Sri Sai Ram Engineering College, Chennai	Associate Professor	1.07.2025	Till Date

BOOK PUBLICATION

1. Published a book “Computer Programming and Numerical Methods”, Airwalk Publications on August 2017, APJ Abdul Kalam Technological University Text book for the course.

PATENT PUBLICATION:

1. “AI-DRIVEN PREDICTIVE ANALYTICS FOR SMART GRID OPTIMIZATION AND LOAD BALANCING”, Patent Number : 202541018635 Filing Date-03/03/2025 (2nd Author)
2. A Design patent for ML Network Security Hub is granted with Design No. 455400-001, Sanctioned Date – 15/04/2025. (3rd Author)

PEER REVIEWED JOURNAL REVIEWER

1. Referred reviewer of the renowned SCI indexed journal KSII Transactions on Internet and Information Systems.

QUESTION PAPER SETTER:

1. Acted as Question Paper Setter for End sem examinations conducted by S.A. Engineering College, Chennai
2. Acted as Question Paper Setter for End sem examinations conducted by J.J. Engineering College, Tiruchirapalli

APPRECIATION CERTIFICATE:

1. Successfully Completed Domain Certification in Data Science, NPTEL
2. Successfully Completed NPTEL-Problem Solving strategies in Artificial Intelligence Nov-Dec 2025

PROPOSAL:

3. Submitted a proposal in Indian Knowledge Systems on the title “High Performance Computing Tool for Assessing Alzheimer’s disease with Genomic Science using Deep Learning Architectures Integrating Ayurgenomics, Yoga, Meditation, Diet and Vedic Cognitive Training.”

PUBLICATIONS:

INTERNATIONAL JOURNALS

1. Syed Jamalullah, R., Mary Gladence, L., Rajalakshmi, V., “Development of end – to – end encoder-decoder model applying voice recognition system in different channels ”, International Journal of Recent Technology and Engineering, Volume-8, pp. 2350 – 2352,2019.
2. Rajalakshmi, V, Lakshmi, M and Maria Anu, V. (2017), “A Complete Privacy Preservation System for Data Mining Using Function Approximation”, Journal of Web Engineering, Vol. 3 & 4, pp. 277-292, 2017, Indexed in Scopus and SCI - E.
3. Adithya L, Manoj P, V.Rajalakshmi, “Automated Mobile Application For Emergency Services”, International Journal Of Pharmacy & Technology, Vol. 8, Issue No.2 , pp. 11967-11972,2016, Indexed in Scopus.
4. V. Rajalakshmi, “K-NN Search Algorithm And Ehsd For Enhanced Data Privacy In Cloud “,International Journal Of Pharmacy & Technology”, Vol. 8, IssueNo.1 , pp .11347-11360,2016, Indexed in Scopus.
5. Rajalakshmi, V., GS Anandha Mala, Mandava Chatana, and D. Saranya. "Efficient diagnosis of leukemia using neural networks." Journal of Pure and Applied Microbiology 10, no. 1 (2016): 553-559.
6. R. Gayathri and V. Rajalakshmi, “Connecting Health Seekers and Health Care Knowledge Portal by a Semantic Approach”, Indian Journal of Science and Technology, Vol 9(10), 2016, Indexed in Scopus.
7. V. Rajalakshmi, G.S.Anandha Mala,” Software aided diagnosing of diseases using RBF based neural networks [RADD]”, Biomedical Research, Volume 27, Issue 2, pp. 718-724, 2016. ISSN 0970-938X , Impact factor – 0.236, SCI-E Web of Science

Indexed.

8. Lakshmi Priya, V. Rajalakshmi, " Handling data skew in map reduce using Hadoop Libra", ARPN Journal of Engineering and Applied Sciences, 11(13),2006.
9. Hebsiba, F., Li Lly, V. Meenal, and V. Rajalakshmi. "A Comprehensive Study on the Diagnosis Methods of Neuroblastoma." Research Journal Of Pharmaceutical Biological And Chemical Sciences 7, no. 3 (2016): 825-830.
10. S.Sujitha, V.Rajalakshmi, "Finease: A Cloud Based Solution For Easy Handling Of Home Scale Finance Firm", International Journal of Applied Engineering Research, Volume 10, Number 4 (2015), Indexed in Scopus.
11. Rajalakshmi V., Jothi Nisha V. and Dhanalakshmi S.," Efficient Retrieval Of Data From Cloud Using Data Partitioning Method For Banking Applications [RBAC]",ARPN Journal of Engineering and Applied Sciences Vol. 10, No. 4, March 2015, Indexed in Scopus.
12. V.Rajalakshmi, G.S.Anandha Mala, "Anonymization Based On Nested Clustering For Privacy Preservation In Data Mining", Indian Journal of Computer Science and Engineering, Vol. 4 No.3 Jun-Jul 2013, Indexed in Scopus
13. V. Rajalakshmi, and G.S.Anandha Mala. " Anonymization by data relocation using sub-clustering for privacy preserving data mining." Indian Journal of Science and Technology, Informatics Publishing Limited, Volume 7, Issue 7, ISSN : 0974-6846, pp. 216-224,2013, SJR – 1.3, Indexed in Scopus.
14. V. Rajalakshmi, G.S.Anandha Mala," Isometric Relocation of Data by Sequencing of Sub-Clusters for Privacy Preservation in Data Mining." International Journal of Engineering & Technology, Engineering Journals Publications, pp. 607 – 614, Volume 6, Issue 2, 2013. ISSN:0975-4024,2014 , SJR – 0.18, Indexed in Scopus.
15. V.Rajalakshmi, G.S.Anandha Mala," An Intensified Approach for Privacy Preservation in Incremental Data Mining", Advances in Intelligent Systems and Computing, SPRINGER, pp 347-355 , 2012 , ISBN : 978-3-642-31599-2.

INTERNATIONAL CONFERENCES

1. Rajalakshmi, V., Komali Lenka, Nn Jose, Susee Sk, Nithya Devi, and Vijayakumar Kadumbadi. "Prediction for Gastro-Oesophageal Adenocarcinoma, Precision at Biomarkers." In 2025 11th International Conference on Communication and Signal Processing (ICCSP), pp. 306-311. IEEE, 2025.
2. Rajalakshmi, V., Galeiah Medabalimi Medabalimi, P. Shilpa, Susee Sk, SreetharanVaduganathan, and Vijayakumar Kadumbadi. "Optimization Strategies for Neither TLS: Spatial Immune Interaction Patterns in High-Grade Serous Ovarian Cancer." In 2025 11th International Conference on Communication and Signal Processing (ICCSP), pp. 301- 305. IEEE, 2025.
3. Bevish Jinila, Y., V. Rajalakshmi, L. Mary Gladence, and V. Maria Anu. "Food consumption monitoring and tracking in household using smart container." In Proceedings of the Third International Conference on Computational Intelligence and Informatics: ICCII 2018, pp. 693-700. Singapore: Springer Singapore, 2020.
4. Nath, S., Sinha, S., Gladence, L.M., Bevishjinila, Y., Rajalakshmi, V.," Health analysis of bicycle rider and security of bicycle using IoT", Proceedings of the 2017 IEEE International Conference on Communication and Signal Processing, ICCSP 2017.
5. V.Rajalakshmi, G.S.Anandha Mala," Data Anonymization Using Augmented Rotation of Sub-Clusters for Privacy Preservation in Data Mining", in the proceedings of ICOAC'13,

held at MIT ,Chennai, IEEE, pp. 22 – 26,ISBN: 978-1-4799-3447-8.

6. V Rajalakshmi, G S Anandha Mala, “Integer partitioning based encryption for privacy preservation in data mining”, Proceedings of the First International Conference on Security of Internet of Things, published by ACM, 2012, held at Amirta University. Kerala, ISBN: 978-1-4503-1822-8.pp.246-251.

SDP, WORKSHOP, SEMINARS			
S.No	Name of the Programme	Organized by	Date
1	FDP - Salesforce administrator ,	ICT Academy-Sri Sai Ram Institute of Technology	08-07-2024 to 12-07-2024
2	FDP-Generative AI and Prompt Engineering	SRM Institute of Science and Technology, Vadapalani Campus	25-11-2024 to 29-11-2024
3	FDP – Recent Trends in Quantum Computing with Cyber Forensic Systems	Sri Sai Ram Institute of Technology	23-06-2025 to 30-06-2025

COURSES COMPLETED:

S. No.	Name of the Course	Certified by	Date
1	Apple Teacher	Apple	24.11.2025
2	Social Emotional Education: Knowledge to Practice (SEEK)	UNESCO MGIEP	Nov 2025
3	Panchayat Administration and Rural Development Schemes	State Institute of Rural Development and Panchayat Raj (SIRD)	Jun 2025