

CURRICULAM VITAE

S.RAMALAKSHMI

Plot no: 601, Abdul Rahman Mudhalali Nagar,

V.M.Chatram, Tirunelveli-11.

Contact: 6383723263,

Email: lakshmigana2011@gmail.com,

Vidwan Profile: <https://vidwan.inflibnet.ac.in/profile/501966>.



Academic Qualification

Degree of Examination	Name of the School/College/University	Date of		Subject	Class or Division Average Marks of Grade
		From	To		
Ph.D.	Manonmaniam Sundaranar University, Tirunelveli.	June-2018	December-2020	Computer Science.	Commended.
M.Phil.	ST. Xavier's College, Tirunelveli.	July-2016	April-2017	Computer Science.	CGPA 8.38 – II Rank.
B.Ed.	Sri Krishna College of Education, Porayar.	June-2014	April-2015	Computer Science.	77%
M.Sc.	Sadakathullah Appa College, Tirunelveli.	June-2009	April-2011	Computer Science.	83.06%
B.Sc.	Sri Sarada College for Women, Tirunelveli.	June-2006	April-2009.	Computer Science.	81.04% - II Rank.

Research Experience - Three Years

Research Stage	Period	Title of the Work/Thesis	University where the work was carried out
Part time Research Scholar	June 2018- to June-2019	Enrichment of Cloud Data Security with Effective Data Lock Mechanism.	Manonmaniam Sundaranar University, Tirunelveli.
Full time Research Scholar	June -2019 to December -2020		

Teaching Experience – 6 years 7 months

S.No	Designation	Institution	Duration		Experience
			From	To	
1	Assistant Professor	Sri Sarada College for Women (Autonomous)	July -2025	Till Date	
2	Assistant Professor	Don Bosco College (Arts & Science) (NEP 2020 Syllabus)	June-2022	May - 2025	3 years
3	Assistant Professor	Sri Sarada College for Women (Autonomous)	December -2020	May-2022	1 Year 6 Months
4	Assistant Professor	Sri Sarada College for Women (Autonomous)	June-2017	June-2019	2 Years
5	Language Trainer	CCS Computer Education, Tirunelveli.	June -2009	October-2010	1 Year 7 Months

Additional Courses Completed

- Data Science for Engineers – IIT Madras & NPTEL with Elite Certificate.
- AI Fundamentals – TCS ION – Swayam Plus

Publication in Journals

S.No	Year	Publications	Level
1	2017	“Enhancing Cloud Data Security with Automatic Data Classification and Appropriate Encryption Algorithms”, International Journal of Innovative Research in Computer and Communication Engineering, Vol 5, Issue 1.	International
2	2018	“A Study on Security Mechanisms Adapting in Cloud Computing”, Special Issue, Sadakath: A Research Bulletin.	National – UGC Listed.
3	2019	“Review on Data Classification Mechanisms Used in Cloud Computing”, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6, Issue 2. ISSN: 2349- 5162.	National – UGC Listed

4	2020	“Dual Shuffling Algorithm Incorporated with Blowfish (DS-BF) to Elevate Data Security in Cloud Storage”, International Journal of Advanced Science and Technology, Vol.29, No.3, (2020), pp-3382-3390, ISSN: 2205-4238.	International – SCOPUS Indexed
5	2020	Data Classification and Encryption Skeleton to Upgrade Security in Cloud Storage”, International Journal of Advanced Research in Engineering and Technology (IJARET), Volume 11, Issue 10, pp 394-403, Article ID: IJARET_11_10_042, DOI: 10.34218/IJARET.11.10.2020.042, ISSN: 0976-6480.	International - SCOPUS Indexed
6	2020	“Integrated Security, Authentication and Decentralized Access Control (ISADA) Framework Based on Novel Key Exchange Mechanism for a Public Cloud Environment”, International Journal of Advanced Trends in Computer Science and Engineering, Volume 9, No.5.	International SCOPUS Indexed
7	2023	“Effective Intrusion Detection and Classification using Fuzzy Rule based Classifier in Cloud Environment”, Proceedings of the International Conference on Automation, Computing and Renewable Systems (ICACRS 2022), ISBN: 978-1-6654-6083-5.	IEEE Explore
8	2023	“Embracing Innovative Approaches in Data Science : Investigating Contemporary Trends in Data Collection ,Analysis, and Visualization Methods”, Journal of Trends in Computer Science and Smart Technology, DOI :10.36548/jtcsst.2023.3.008	National
9	2024	“Leveraging local interpretable model – agnostic explanations for Explainable AI in healthcare: Improving breast cancer prediction models”, Indian Journal of Computer Science, 9(6), 24-3, 2024.”	National
10	2024	“Exploring generative AI: Models, Applications, and challenges in data synthesis”, Asian Journal of Research in Computer Science, 17(12), 123-136, 2024.	International
11	2025	“Algorithmic showdown: Analyzing the Performance of KNN, Random Forest, and SVM across varied dimensions”, Indian Journal of Computer Science, 10(1), 34-45, 2025.	National

Book Publication

Digital Technologies

Author: Mrs.G.Asha & Dr. S. Rama Lakshmi

Published: January 2025

Publisher: Quing Publications, Puducherry.

ISBN: 978-81-984352-0-0

Description: This book provides a comprehensive overview of modern digital technologies, their applications, and their impact on various industries

Book Chapter Publications

S.No	Year	Chapter Name	Book Name	Publisher
1	December 2020	Block Chain – An Emerging Trend in Computer Science, Block Chain : Concept and Emergence, Chapter-14, Page 133- 146	Glimpses of Engineering and Technology in the Modern World. ISBN: 978-81-942052-7-2.	VHNSN College (Autonomous), Virudhu Nagar, Tamilnadu, India. Pearson Publications.
2	November 2023	Applications of Augmented and Virtual Reality, Chapter –V, 50-84.	Industrial Revolution and Metaverse : Industry 5.0	Quing Publications.
3	December – 2023	Databases and Data warehouses, Volume 3	Futuristic Trends in Computing Technologies and Data Sciences.	IIP Series.
4	September - 2024	Search Strategies- Uninformed Search Strategies.	Artificial Intelligence and Machine Learning.	(Under Review- IIP Series).

Patent Publication

Title: Machine learning based system to suggest the price of products listed on E-commerce site along with efficient financial management.

Year: 2022.

The Patent Official Journal N0.29/2022 Dated 22/07/2022

Presentation in Conferences

S.No	Year	Conferences	Level
1	2017	“Data Mining Tools” ,UGC Sponsored National Conference on Recent Trends in Data Mining, St. Xavier’s College,Tirunelveli,9th February 2017.	National
2	2018	“A Study on Security Mechanisms Adapting in Cloud Computing”, National Conference on Computational Intelligence, PG & Research Department of Computer Science, Sadakathullah Appa College, 21.02.2018.	National
3	2018	Review on Data Classification Mechanisms Used In Cloud Computing”, International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR-18)”, A.P.C.Mahalaxmi College For Women, 20th and 21 st December 2018, Thoothukudi.	International
4	2019	Enrichment of Cloud Data Security Comprising Classification and Encryption”, in the “International Conference on Soft Computing and Optimizing Techniques (ICSO’19)” held at Kamaraj College, on 10.08.2019, Thoothukudi.	International
5	2020	A Review on Traditional Access Control Mechanisms Used in Cloud Computing”, in the Eighth National Conference on Computer Science and Applications (NCCSA’20) held at Mepco Schlenk Engineering College, Sivakasi, on 6&7 March 2020.	National
6	2020	User Centric Access Control Based on Key Exchange Mechanism to Enhance Data Protection and Authentication in a Cloud Architecture” in the “Two Days International E-Conference on Advances in Information Technology, Business Management and E-Commerce”, Organized by The Quaide Milleth College for Men- Shift II, on 04.07.2020 & 05.07.2020.	International
7	2021	“A Comprehensive Study on Applications of Deep Learning in Cyber Security”, International Virtual Conference on Scientific and Technological Convergence – ICSTC 2021, 17 August, 2021.	International

8	2023	“Exploring Cutting Edge Techniques in Data Science: A study of recent trends in data collection, data analysis and data visualization”, International Conference on Emerging Trends in Intelligent Computing (ICoETIC-2023), August 2023.	International
9	2024	“A comprehensive study on operational scenarios for augmented reality and virtual reality”, International conference on recent innovations in computer science, smart technology and artificial intelligence, January 2024.	International
10	2024	“Exploring Generative AI: A Comprehensive Review of Models, Techniques and Applications”, National Conference on Artificial Intelligence for Common Man and Rural Development”, September 2024.	National

Member:

IFERP – Institute for Engineering Research and Publications.

Awards & Achievements:

- ✚ Cash award for producing 100 % result during the year 2017-2019 (2 times)
- ✚ Cash award for publishing paper in International journals.
- ✚ Coordinator – Global Impact Ranking -2021 – Sri Sarada College for Women (Autonomous), Tirunelveli – College got 44th rank across India and placed under the Institution for Excellence category
- ✚ Coordinator – Sustainable Institutions of India Ranking 2022 - Sri Sarada College for Women (Autonomous), Tirunelveli – College got 49th rank across India and placed under Gold Band category.

Recognition:

- ✚ Invited as a Resource Person for department level webinar at St. Xavier’s College, Tirunelveli, held on 08.01.2022.
- ✚ Invited as a Chair Person & Speaker for national conference on “Emerging Trends in Data Science” organized by the department of Computer Science, Sri Sarada College for Women (Autonomous), Tirunelveli, held on 29th March 2023.
- ✚ Certificate of Excellence in Reviewing from Asian Journal of Computer Science dated on 05.03.2024.

- ✚ Invited as a key note speaker for national conference on “Emerging trends in Artificial Intelligence -2024”, organized by Sengamala Thayaar Educational Trust Women’s College (Autonomous),Mannargudi,Tamilnadu on 20.02.2024. .
- ✚ Invited as a Chief Guest for national level intercollegiate technical mining - ”CSTECHBOOT@24”,organized by department of Computer Science, Idhaya College for Women, Kumbakonam, held on 9th September 2024.
- ✚ Invited as a resource person for one day national level seminar under the topic “Data Science and It’s Applications”,organized by Wizard Association & Department of Computer Application, E.G.S. Pillay Arts & Science College(Autonomous),Nagapattinam

Responsibilities:

- ✚ Nodal Officer – University Activity Monitoring Portal – Sri Sarada College for Women (Autonomous), Tirunelveli.
- ✚ NAAC – Criterion Coordinator.
- ✚ Association activities in charge- Sri Sarada College for Women & Don Bosco College (Arts & Science)
- ✚ Placement officer (Don Bosco College, Karaikal)
- ✚ IIC President.(Don Bosco College ,Karaikal)
- ✚ In charge - AICTE Career Portal(Don Bosco College, Karaikal)
- ✚ TCS Ignite & Smart Hiring Coordinator (Don Bosco College, Karaikal)
- ✚ IBM Skills Build Coordinator (Don Bosco College, Karaikal)

Seminars, Conferences, Symposium and Workshops attended:

- Participated in Two Days National Workshop on “Enhancing Writing Skills for Research” (NWEWSR) on 7th & 8th September 2018, organized by Department of Library and Information Science & University Library, Manonmaniam Sundaranar University.
- Participated in the One Day National Level Seminar, “Python a Research Tool” organized by Department of Computer Science, Sri Sarada College for Women, on 30th August2018, Tirunelveli.

- Participated in the International Seminar on “Recent Innovations in Information Technology”, organized by P.G. & Research of Computer Science & Computer Application, Morappur Kongu College of Arts and Science held on 11th September 2018.
- Participated in “National Seminar On Advanced Trends In Computer Science.ACTS’19”, Sadakathullah Appa College, on 22.03.2019, Tirunelveli.
- Participated in a Webinar on “Sky Campus - Digital Knowledge Series”, organized by ICT Academy from 10.04.2020 to 18.04.2020.
- Participated in a National Webinar on, “Use of Elsevier Tools in Research Workflow”, on 05.05.2020, Organized by Dept. of Commerce, University of Madras.
- Participated in a National Webinar on “Artificial Intelligence”, Dept. of Information Technology, on 22.05.2020 – 26.05.2020, Anil Neerukonda Institute of Technology & Science.
- Participated in a National Webinar on “Application Development in Cloud”, on 30.05.2020, organized by Sadakathullah Appa College.
- Participated in a National Level Webinar on “Internet of Things”, on 18.06.2020 – 19.06.2020, Organized by Sarah Tucker College, Tirunelveli.
- Attended nine days Faculty Development Programme (FDP) on “Design and Development of Industry led Curriculum in Technological Era”, organized by AMET University on 4.12.2022 – 22.12.2022 awarded with grade A+.
- Attended one week Faculty Development Programme (FDP) on “Outcome Based Education for Effective Learning and Teaching” on 19.07.2023 – 27.07.2023, organized by AMET University.
- Attended three days online Faculty Development Programme (FDP) on “Empowering Educators for AI Age” on 12.07.2023 – 15.07.2023, organized by Don Bosco College Yelagiri Hills

- Attended one week Faculty Development Programme (FDP) on “Upskill Your Resources”, organized by Ayya Nadar Janaki Ammal College (Autonomous) from 07.07.2023 – 13.07.2023.
- Attended five days virtual national level Faculty Development Programme (FDP) on “Recent Advancements in Computing Technology”, organized by Sri.S.Ramasamy Naidu Memorial College from 13.02.2023 – 17.02.2023.

Subjects Handled

Computer Architecture, C, C++, Java, VB, ASP.Net, Cloud Computing, Big Data Analytics, Software Engineering, Programming Design and Internet, Data Mining and Ware Housing, Artificial Intelligence, Modern Operating System, Cloud Security, Digital Marketing.

Practicals Handled

.Net (VB & ASP), HTML, C, C++, Java, Python, Visualization Tools – R.

Personal Details

Father's Name : Mr.N.Santhanam
Husband's Name : Mr.M.Ganapathy Raman
Date of Birth : 16.08.1989
Gender : Female
Marital Status : Married
Community : General.
Permanent Address : Plot No: 601, Abdhul Rahman Mudhalali Nagar, V.M.Chatram,
Tirunelveli.
Email Address : lakshmigana2011@gmail.com
Contact Number : Mobile – 6383723263(WhatsApp).

REFERENCES

1. Dr.V.Vallinayagi,
Assistant Professor & Head,
Department of Computer Science,
Sri Sarada College for Women (Autonomous),
Tirunelveli.
2. Mrs.G.Asha SET,
Assistant Professor & Head,
Department of Computer Applications,
Don Bosco College (Arts & Science),
Karaikal.

DECLARATION

I hereby certify that the foregoing statements are true to best of my knowledge.

Thanking You.

Yours Truly,
S.RAMALAKSHMI