

Resume of Dr. V R SRIVIDHYA

Dr. V R Srividhya

Assistant Professor
Department of CSE,
RV Institute of Technology and Management
(RVITM),
Bengaluru - 560 076.
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EDUCATION

Doctor of Philosophy 2016 - 2025

Visvesvaraya Technological University Belagavi, Karnataka, India

- *Completion: October 2025* – Status of the Comments: **Recommended**
- *Thesis: Information Abstraction using IoT Streaming Data*
- *CGPA: NA*

Master of Technology in Computer Science & Engineering 2010 - 2012

AMC Engineering College, Bangalore, Karnataka, India

- *Completion: August 2012*
- *Thesis: Mollifying the effect of Black Hole Attacks in WSN using several base stations*
- *Percentage: 78.25 / 10*

Bachelor of Engineering in Computer Science & Engineering 1997 - 2001

Madras University, Tamil Nadu, India

- *Percentage: 73%*

EXPERIENCE DETAILS

- Around **18 years** of teaching and research experience in reputed Engineering Colleges in Tamil Nadu and Karnataka States.

APEC, Melmaruvathur, TN	- Lecturer	July 2001 to December 2002
AMC Engg. College, Bengaluru, KA	- Asst.Professor	May 2008 to November 2021
RVITM, Bengaluru, KA	- Asst.Professor	November 2021 to till Date

LIST OF JOURNALS:

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1. V. R. Srividhya and Kayarvizhy, “Streamlined Traffic Prognosis using Flexible Reservoir Sampling and Regression Methods,” *Engineering, Technology & Applied Science Research*, vol. 15, no. 2, pp. 20827–20834, Apr. 2025, doi: 10.48084/etasr.9889.
2. Srividhya V R and Kayarvizhy N. “Adaptive Deep Learning Framework with Unicintus Optimization for Anomaly Detection in Streaming Data”. *International Journal of Advanced Computer Science and Applications (IJACSA)* 16.3 (2025). <http://dx.doi.org/10.14569/IJACSA.2025.0160329>
3. N. Ananth, R. M. Bharadwaj, S. S. Shekar, S. Jain, and V. R. Srividhya, “Investigation into the Identification of Ragas: A Detailed Analysis,” in *Proc. IEEE Int. Conf. on Data Engineering and Communication Systems (ICDECS)*, 2023, pp. 1–6, doi: 10.1109/ICDECS59733.2023.10503571.
4. V. R. Srividhya, L. C A, M. A. D M and V. K, "Utilizing Convolutional Neural Networks to Create a Wearable Sign Language Detection System with the Internet of Things," 2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon), Mysuru, India, 2022, pp. 1-7, doi: 10.1109/MysuruCon55714.2022.9972483
5. M. Shayan, N. D. N. Swamy, P. Revathi and V. R. Srividhya, "An Automated Oven: Bringing Common Devices into the Information Era," 2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT), Kharagpur, India, 2021, pp. 1-7, doi: 10.1109/ICCCNT51525.2021.9580045.
6. V. R. Srividhya, S. A. Niketh and N. Kavavizhy, "Information Abstraction from IoT Streaming Greenhouse Data," 2019 4th International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT), Bangalore, India, 2019, pp. 235-241, doi: 10.1109/RTEICT46194.2019.9016900.
7. Kishan Praveen Rao, Krati Mahajan, Mahesh M G, Manya Shree, & V R Srividhya "Machine Learning and Complex Event Processing: Shaping the Future of Smart Agriculture", *Journal of Advanced Research in Artificial Intelligence & It's Applications*, 3(1),64–76. <https://doi.org/10.5281/zenodo.17492414>
8. Srividhya V R, “Enhancing Forgery Detection in Images through Advanced Machine Learning Techniques” *Indiana Journal of Multi Disciplinary Research*, Vol. 4, Issue 3, May 2024
9. Srividhya V R, Roshan Ravikumar Shetty, Rijul Jaiswal, Bindu Vijayakumar, Raunak Kumar Singh "Leveraging Machine Learning Techniques for accurate stock market prediction " in *Technix International Journal for Engineering Research " vol. 10 ,Issue 4, pp.213-222. April 2023*
10. Srividhya V R, Adithi Vijay, Aradhana Prakash, Ashwija, Ashwini G H, “Underground Cable Fault Distance Detector Using 8051 Micro-controller and Wi-Fi Module”, *International Journal of Management, Technology And Engineering*, vol 9, Issue 5, pp.3899-3903, May,2019

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11. Aayushi Vernika Das, Delisha Clair Sequeira, Gulshan Damini Patel, V R Srividhya, "A Survey on Deduplication Techniques in Cloud Storage with Cryptographic Techniques", International Journal of Engineering Research & Technology (IJERT) vol. 5, issue 19, pp. 1-3, April 2018
12. Santhosh Kumar H, Mrs. Srividhya V R, "Online Training and Placement Management System", International Journal of Engineering Research & Technology, vol. 4, Issue 22, pp. 1-6, 2016
13. Santosh B., Srividhya V R, "Location Authentication using Voronoi Diagram", International Journal of Engineering Research & Technology, vol. 3, Issue 19, pp.1-6, 2015

LIST OF CONFERENCES:

1. Deepa B.E., Srividhya V R, "PROFILR: Construction of Privacy Preserving Location-Centric Profile and Functionality in Geosocial Networks", International Conference on Information Science & Technology for Sustainability & Innovation, Jain University, Bengaluru, May 2015
2. Sheela.D, Srividhya.V.R, Asma Begam, Anjali and Chidanand G.M., "Detecting Black Hole Attacks in Wireless Sensor Networks using Mobile Agent", International Conference on Artificial Intelligence and Embedded Systems (ICAIES'2012), Singapore, July 15-16, 2012.
3. Nirmala S., Pallavi K.V., Srividhya V. R. and Mutthulakshmi, "Highly Reliable Effective Connection Establishment in Wireless Sensor Networks", International Conference on Computational Techniques and Artificial Intelligence (ICCTAI'2011), Pattaya, October 7-8, 2011
4. V R Srividhya, Santhosh B., "Applying Cognitive Management Framework for Internet of Things to Enable Smart Cities", National Conference On Emerging Trends In Science, Engineering And Technology (NCETSET'16), Coimbatore, March 2016

LIST OF PATENTS & COPYRIGHTS:

1. Dr. Solaimuthu Chandrakasan, Dr. Roopashree Shailendra, Dr. Rashmi Ramrao Deshpande, Mrs. Nivedita Sudhanva Desai, Dr. Bangalore Rangappa Veena, Dr. Murigendrayya Malleshaiyya Hiremath, Dr. Kinny Garg and **Mrs. Srividhya Vellore Ramani**, Smart Wearable Device for Health Monitor, Australian Patent, Application Number: 202514791, Filed on 19.06.2025 (Granted on 02.08.2025).
2. Dr. Madhumathy P, Dr. Kinny Garg, Dr. N. Anbuselvan, Dr. Nusrathulla M, Dr. Nagashettappa Biradar, Dr. C. Solaimuthu, **Dr. Srividhya V R** and Dr. Nandita Bangera, ML Based Device for Road Accident Detection and Prevention, Application Number: 491247-001 (Filed on 16.02.2026).
3. Dr. Asha S Manek, Dr. Priyanga P, Ms. Nandita Bangera, **Ms. V.R. Srividhya**, Dr. A. Sree Lakshmi, SMART PLASTIC WASTE MANAGEMENT MACHINE, Indian Design Patent, Application number: 378634-001, Filed on 3.2.2023 (Granted on 19/05/2023)

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4. Dr. Sandip D Satav, Prof. Prasanth Yalla, Mr. Mushtaq Ahmed D .M, **Ms. V R Srividhya**, Dr. Praveen Kumar Misra, Mr. Shivananda S, Ms. Chhaya Suryabhan Dule, Dr. Prof. Rajasekharaiah K.M, Blood Banking Via Cloud Computing Using Machine Learning Tracking The Blood Donor Location, Indian Patent, Application number: 20221027024, Filed on: 10 May 2022 (Published on 20/05/2022)

LIST OF BOOKS:

1. Dr. S Nirmala, G. Sabarmathi, **Srividhya V R**, Software Engineering, by Charulatha Publications, Chennai, Tamil Nadu, Oct 2024, ISBN: 978-93-5577-063-9.

LIST OF REPUTED JOURNALS REVIEWER

I have been acting as Reviewer for Peer Review Journals such as

- Engineering, Technology and Applied Science Research(Q2)
- HBRP Journal

EXTERNAL CONNECT

1. Question paper setter for BMSCE, Ramiah Institute of Technology, NITTE and Jain University
2. Session Chair for National and International Conferences
3. Reviewer for many IEEE Conferences
4. Special lectures at other colleges

ORCID : [0000-0001-5252-1797](https://orcid.org/0000-0001-5252-1797)

SCOPUS Author ID : 57215928783

Web of Science Researcher ID : KVC-2458-2024

[V R Srividhya - Google Scholar](#)

Google Scholar Citation as on 22.02.2026

	All	Since 2021
Citations	45	17
h-index	3	2
i10-index	1	0

FUNDING PROPOSALS

- **Rs. 5, 000/-** has been sanctioned by Karnataka state council for science and technology (KSCST), Bangalore, 2018.

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ROLES AND RESPONSIBILITY:

In Current Organization:

Courses Taught

- Advances in Database Management System
- Advances in Operating System
- C Programming for Problem Solving
- C Programming Lab
- Computer Architecture
- Database Management System
- DBMS Lab with Mini Project
- Introduction to Information Systems
- Operating System Lab
- Operating Systems
- Operations Research
- Principles of Programming Languages
- Storage Area Networks
- System Modelling and Simulation
- System Software Lab
- User Interface Design

Academic Contributions

- Counsellor (Student Academic and Personal Guidance)
- Coordinated One National Level Conference
- Coordinated 10 Workshops / FDPs / SDPs

Administrative Responsibilities

- Institute Cultural Coordinator – Organized 3 Inter-College Cultural and Other Events
- Department PTM (Parent–Teacher Meeting) Coordinator
- Department Placement Coordinator
- Speak Up Communication Club Coordinator
- Emcee for Institute and Department-Level Events

Institutional Contributions / Accreditation Activities

- Currently Working for NBA as Member of Criteria 1 (C1) and Criteria 4 (C4)

In Previous Organization:

Academic Contributions

- Teaching and handling various Computer Science subjects
- Preparing and delivering lectures
- Project and Seminar Guidance for students
- Student Mentoring
- University Examination Paper Setter and Evaluator
- Maintenance of Course Files

Administrative Responsibilities

- Examination Section Coordination

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- Faculty Coordinator, CSE Student Forum – *IntelleCtS*
- Coordinator, CSI
- Coordinated Inter- and Intra-Level Technical Fests
- Organized Department Cultural Fest **ECSTASY** (2010–2014)
- Emceeding for College and Department-Level Functions

Institutional Contributions / Accreditation Activities

- Coordinated 8 Conferences, 32 Workshops, 8 FDPs, and 24 Seminars/Webinars
- Instrumental in setting up IoT Centre of Excellence (CoE)
- NBA Accreditation Work – 2009, 2018 (Criterion 1)
- NAAC Accreditation Work – 2016 (Criterion 1)

Non Academic Work Experience

❖ *Assure Consulting, Bangalore — Talent Acquisition Specialist*

July 2005 - January 2006

Responsibilities:

- End to End Recruitment
- Entry level interviewing

❖ *Fruitful Fundraising, Brighton, UK— Support Services Officer*

July 2003 - December 2003

Responsibilities:

- The job involved working in a fast-paced environment demanding strong administrative, interpersonal and convincing skills to encourage clients to donate.
- Responsibilities include Customer Service Relations and Processing of outgoing mails.

CURRICULAR ACTIVITIES

S. No.	Title & Dated FDP/Workshop	Conducted by
1.	ATAL FDP on Empowering Educators: A Deep Dive into Artificial Intelligence for Teaching, Research & Innovation from 8/12/2025 to 13/12/2025 b	Vidya Vikas Institute Of Engineering & Technology
2.	AI and data Analytics for Sustainable Development Goals from 18 th to 23 rd August 2025.	RNS INSTITUTE OF TECHNOLOGY
3.	AI in Engineering Education: Transforming Teaching and Learning and Assessment from 29 th to 31 st July 2025	RVITM, Bangalore

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4.	Intel India Educational Conclave on "Generative AI & Industrial IoT", on 3rd and 4th November 2023.	Intel, India
5.	Thrust areas in AI- A multi disciplinary approach from 7th to 11th February 2022	JSSATE, Bangalore
6.	Artificial Intelligence with Internet of Things from 13th to 17th December 2021	AMCEC, Bangalore-ATAL
7.	Emerging trends in IOT from 17th to 23rd March 2021	GNITC,Telangana-AICTE ISTE
8.	Smart Cities from 18th to 22nd January 2021	DSATM, Bangalore-ATAL
9.	R Language & R Studio 22nd July 2020 to 5th August 2020	CIT, Bangalore in collaboration with IIT Bombay- Spoken Tutorial
10.	Latex from 29th June 2020 to 1st July 2020	AMC Engineering College,Bangalore
11.	Research Methodology and Data Analysis from 17th to 20th June 2020	Karnataka Science & Technology Academy
12.	IOT & it's Applications from 27th to 29th May 2020	RYMEC, Bellari (IQAC-CSE)
13.	Industrial IOT from 19th to 23rd May 2020	Agimus Technologies,Bangalore
14.	Examination Reforms from 29th April 2020 to 2nd May 2020	AICTE
15.	Technical Writing & Publication on 7th April 2020	BMSCE,Bangalore
16.	ICT Tools on 15th September 2018	RVCE under Margadarshan Scheme
17.	Hands-on On Data Analytics Tools & Data Mining on 23rd to 25th January 2018	AMC Engineering College, Bangalore
18.	Database Application Development on 2nd & 3rd August 2017	RNSIT,Bangalore
19.	Industry 2 on 8 th and 9 th March 2016.	VTU Regional Office in Collaboration with CSI
20.	Raspberry-Pi in February 2015	AMC Engineering College. Bangalore
21.	Mobile Application Development on Android Platform-An Hands on Workshop in January 2015	Jyothy Institute of Technology, Bangalore

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22.	Open Source Technologies in August 2008	YDIT,Bangalore
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MOOC COURSES ATTENDED

S.No.	Course/Grade	Duration
1	SQL for Data Science with a score of 95.38%- COURSERA	4 weeks
2	Oracle Database Foundations with a score of 90.2%-COURSERA	4 weeks
3	NBA Accreditation and Teaching-Learning in Engineering-NATE with a score of 89%(Continuous Online Assessment score)-NPTEL	12 weeks
4	Operating System Fundamentals with a score of 70%(Elite)- NPTEL	12 weeks
5	Database Management System with a score of 75%(Elite+Silver)- NPTEL	12 weeks

PROFESSIONAL MEMBERSHIP:

- ISTE

GUEST LECTURES DELIVERED

- Invited to St. Francis College, as a resource person for a workshop on the Internet of Things (IoT) on the topic of **Exploring IoT: Opportunities and Challenges for BCA Students** on 20th May 2023.
- Invited to St. Francis College, as a resource person for a workshop on the **Internet of Things (IoT)** on 1st February 2023
- Webinar on *Fundamentals of Database and Datawarehouse* for First Year students of AMC Engineering College,Bangalore on 21st October 2022
- Seminar and **Demo Session on Internet of Things(using Arduino Uno)** at Department of Computer Applications, St. Francis College, Koramangala on 6th August 2022

PERSONAL DETAILS

DOB	12th June 1980
Gender	Female
Marital Status	Married
Permanent Address	D 111, Brigade Gardenia, J P Nagar 7th Phase, Blr-78.

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Linguistic Abilities	English, Tamil, Kannada(Talk)
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REFERENCES

Dr.N. Kayarvizhy

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(Dr. V R Srividhya)