

Name : Shruthi MG

Designation: Assistant Professor, Department of MCA

Official Address : RV Institute of Technology & Management

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Education Qualification

S.No	Degree	University / College Name	Passed Out Year
1	BCA	Bangalore University	2010
2	MCA	Visvesvaraya Technological University	2013
3	PhD (Pursuing)	Blockchain Technology Specialization	OS1 Completed

Professional Experience

S.No	College / University Name	Designation	Duration
1	RV Institute of Technology and Management	Assistant Professor	Feb 2023 – Present
2	Maharani College	Assistant Professor	Feb 2019 – Feb 2023
3	Om Sai College	Lecturer	2016 – 2019
4	IBM India Pvt. Ltd.	Associate System Engineer	2013 – 2015

Subjects Taught:

- Programming in Java
- Software Testing
- Web Technologies
- Blockchain Technology
- Internet of Things
- Software Engineering
- Computer Networks
- Computer Graphics

Publications

Journals

- Secure Data Model with AES & SHA Analysis – International Journal of Multidisciplinary Educational Research, July 2025.

Patents

- A Machine Learning-Driven Real-Time Patient Monitoring and Health Risk Prediction System is a German Utility Model Patent (Granted) published in 2025, contributed by Mrs. Shruthi MG along with seven co-authors
- ML Driven Traffic Pattern Analysis Device for Autonomous Vehicles is a design patent published by the Intellectual Property Office, United Kingdom, contributed by Mrs. Shruthi MG along with seven co-authors.

Conferences Attended

- Comparative Analysis of Soil Types for Optimal Crop Selection Using IoT-Based Soil Moisture Sensing and Automated Irrigation Control for Urban Infrastructure 13th International Conference on Current Trends in Advanced Computing, May 2025.
- The Evolution of Blockchain Technology – ICCSST 2023, May 2023.
- Artificial Intelligence Intuition Techniques – International Journal of Scientific & Engineering Research, February 2021.
- Cloud Security Issues & Implications – International Conference on Scientific Research in CS, Engineering and IT, Sept-Oct 2019.

FDP / Workshops Participated

- Artificial Intelligence – SkillDzire FDP (2 Weeks, Aug 2025)
- Design Thinking for HEI towards Education 5.0 – AICTE ATAL Academy (Aug 2025)
- AI and Security: Current Trends and Future Research – AICTE ATAL Academy (Jan 2025)
- Generative AI – Concepts, Prompt Design and Building LLM-Based Applications – East Point College (Feb 2025)
- AI in Classroom: Exploring Generative AI for Educators – CloudThat (Sept 2024)
- Intellectual Property Rights in the Age of AI, ML, Cyber Security and Blockchain Mangalmay Institute (June 2024)
- Ethereum and Solidity: The Complete Developer's Guide – Udemy (Aug 2024)

Books / Chapters

- Book: The Basics of Robotics (Co-author)
- Elsevier Book Chapter: Neuromorphic Computing Springer Accepted Papers

Awards and Achievements

- Best Presentation Award First Place – DCAIR-2025

Professional Body Memberships (if applicable)

- IEEE Member

Personal Details

Name: Shruthi MG

Date of Birth: 18-03-1988

Gender: Female

Marital Status: Married

Mother Tongue: Kannada

Languages known: English, Kannada & Hindi

Contact number: 9886522479

Place: Bengaluru

Shruthi MG