

Faculty Profile

Faculty Photo

- My name is Saravanan C and I am an Assistant Professor, working in the Department of Master of Computer Applications, Bengaluru, with over 18.1 years of teaching experience. I have completed my MCA Degree under Bangalore University in 2005, B.Sc Degree under Bangalore University in 2002. Currently pursuing Ph.D under VTU. Areas of interest include Image Processing, Pattern Recognition and Machine Learning. I have published over 5 Journal papers, 2 Book Chapters, presented several papers at National and International conferences. I have worked on AR/VR-based consultancy projects. I am a Life Member of Indian Society for Technical Education

Personal Information

- **Name:** Saravanan C
- **Designation:** Assistant Professor
- **Department:** Master of Computer Applications(MCA)
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- **Phone:** 080-68188171

Google Scholar: https://scholar.google.com/citations?hl=en&user=GR_1YfAAAAAJ

Scopus id: <https://www.scopus.com/authid/detail.uri?authorId=59542311300>

ORCID: <https://orcid.org/0000-0002-8456-0210>

Domain of Expertise

Research Focus

- **Primary Area:** Image Processing Techniques
- **Allied Areas;**
 - o Pattern Recognition
 - o Machine Learning

Academic Qualifications

- **Pursuing Ph.D.,** Visvesvaraya Technological University
- **MCA:** [Computer Applications], Bangalore University, 2005
- **B.Sc:** [Electronics], Bangalore University, 2002

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	RV College of Engineering	Lecturer	2007 – 2010
2	RV College of Engineering	Assistant Professor	2011 – till date

Publications & Patents

Journal Publications

1. Saravanan C, Divya T L, Vibha T R, "Melanoma Skin Cancer Detection and Classification Using Deep Learning and Image Processing", SN Computer Science ,2025 ,Q2(Scopus Indexed)
2. Divya TL, Chandrani C , Saravanan C, Savita S, Jayasimha SR, “ Study On The Various Software Application Design And Testing Strategies For Development Of Good Quality Software”, International Journal Of Creative Research Thoughts – IJCRT,2022
3. Vinay Narayan Bhat , V Santhosh Kumar, Saravanan C , “Analysis and Prediction of Crime against women in India using machine learning algorithms” Journal of Emerging Technologies and Innovative Research (JETIR), 2021
4. Saravanan C , Savita Sheelavant, “An Empirical Study: Data Analytics Fosters Health Care Data Management And Its Outcomes", International Journal of Innovative Research and Advanced Studies (IJIRAS), 2017
5. Saravanan C, "An Comprehensive Study of Big Data Environment and its Challenges", International Journal of Computational Engineering Research (IJCER), March 2016

Conference Papers

1. Prathamesh M Hiremath, Saravanan C,” A Comprehensive Study of Virtual Reality (VR) In Defence Combat Training”, IEEE International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2024.
2. Akshaya R, Saravanan C, Divya T L , “A Novel Approach for Building Cyber Crime Prediction and Analysis Model using Random Forest”, IEEE International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2024.
3. Information Technology for Sustainable Solutions (CSITSS),Prajwal K, Yathish L, Saravanan C, Savita Sheelavant, "Design and Development of WhatsApp Bot for Farmers using WotNot", National conference on Innovative and Emerging trends in Science and Technology NCIETST, 2022.
4. Jayasimha S R, Usha J and Saravanan C, Development of Cloud Applications through Location Tracker for Healthcare”, AICTE sponsored National Conference on Critical Thinking for GenZ-Multidisciplinary Approach (CTGZMA) in Association with ISTE, New Delhi, 2021.
5. Gaurav Sethi, Mr. Saravanan C, Dr. K A Sumithra Devi, “Energy conservation and Sustainable Development” 7th International Congress of Environmental Research (ICER-14), 2014
6. Saravanan C, Mr.Vinay, "A Design Model of Banking Websites in Perspective of Behavioral Feasibility Study, “International Conference on Computer Applications(ICCA 2012), Pondicherry, 2012

7. Saravanan C, Andhe Dharani , "A Comprehensive Study of Tide gauges in India for Water level variations", National Conference on Frontiers of Computer Science and Technology, 2012.
8. Saravanan.C , Sandhya S., "A Relative Analysis of Phishing-Cyber Crime and Its Indian Impact" ,National Conference on Current Trends in Advanced Computing (CTAC'10), 2010
9. Saravanan.C , Sudha.M., "Visualizing Cloud Computing from a User Perspective", National Conference New Advances in Computer and Communications (NACC2010), , 2010

Books/Book Chapters

1. Preethi N Patil, Saravanan C, Vibha T R, Andhe Dharani, Future Innovations in the Convergence of AI and Internet of Things in Medicine, IGI Global scientific publishing, 2025
2. Sindhu S, Saravanan C, "Recent Trends in Healthcare Innovation- Annual Proceedings of the Annual International Conference on Recent Trends in Healthcare Innovation", CRC Press- Taylor and Francis Group, 2025

Patents **[Filed / Published / Granted]** :

R & Grants & Consultancy Projects

Ongoing & Completed Research Projects :

Ongoing & Completed Consultancy Projects

- **AR based BioGas Plant Development** – Funding Agency: Greeneria Renewable Technologies Pvt Ltd, Duration: 2023, Role: Co-PI.
- **Introduction to AR/VR using Unity** , Funding Agency: RV University, Duration: September 2024 – December 2024, Role: Co-PI

Professional Memberships

- Indian Society for Technical Education(ISTE) – Membership Number: 71666

Awards & Recognitions

Student Supervision

- **MCA Students:** 102 Students

Professional Roles

- **Committee Member:**

IEEE International Conference on Computational Systems and Information Technology for Sustainable Solution CSITSS- During 2018, 2019, 2022,2023

AICTE Sponsored National Conference in Association with ISTE: Critical Thinking for GenZ-Multidisciplinary Approach (CTGZMA -2021)

4th International Conference on Expert Clouds and Applications (ICOECA 2024)

Teaching

Core Courses: [Current semester]

- MCA223TB Agile Software Development

Advanced/Lab Courses:

- MCA427DL Design Thinking Lab

Professional Roles

Responsibilities

- **Academic:** Course In-charge, Lab In-charge
- **Administrative:** MCA Student IT Forum Coordinator, PG Unit Exam Chief Coordinator, Class Coordinator

External Connect

- External Examiner for Practical Courses and Major Project Viva Voce
- External Examiner for Theory Valuation work
- Conducted WorkShops on Python Programming Language as Resource Person in SSMRV College, HKBK College of Engineering.
- External Academic Member in Evaluation Panel for Hack -Z 2024,National Level Hackathon event organized by Team IEEE Photonics and Comsoc Joint Chapter in Association with the Department of Electronics and Telecommunication Engineering, Siddaganga Institute of Technology, Tumakuru held on 28th December 2024

Projects

Number of UG Projects Guided	Number of PG Projects Guided	No. of Doctorate Students	
NA	102	Completed	In Progress
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Publications

National Journals	National Conferences	International Journals	International Conferences	Book Chapters Published	Patent Granted
NA	05	03	02	NA	NA