

# RASHEEJA A.P

Assistant Professor in Computer Applications

Email: [rasheeja@siasindia.org](mailto:rasheeja@siasindia.org)



**Rasheeja A P** is an Assistant Professor in the Department of Computer Science and Applications at SAFI Institute of Advanced Studies, Raziya Nagar, Vazhayoor, Ramanattukara. She has over Seven years of teaching experience in Computer Science across various colleges. Along with her academic role, she has coordinated placement activities, organized industry expert sessions, and mentored students for career development. She has also served as Staff Secretary at IHRD (2022–23) and Department Secretary (2023–24) at SAFI, gaining expertise in documentation and academic administration. Passionate about teaching and enthusiastic about learning emerging technologies, she actively bridges academia with industry to enhance student growth and employability.

## EDUCATIONAL QUALIFICATIONS

- MCA (Master of Computer Applications) from Cochin University of Science & Technology, Kerala
- Qualified UGC NET
- B.Sc in Petrochemicals from Mahatma Gandhi University, Kerala

## EMPLOYMENT HISTORY

- June 2021 - Dec 2023: Assistant Professor (on Contract) in Computer Science, College of Applied Science (IHRD), Muthuvallur, Malappuram, Kerala
- June 2015 - October 2015: Faculty in Computer Science, MBL Media School, Feroke, Calicut, Kerala
- October 2011 - October 2013: Head of the Department of Computer Science, Blossom Arts and Science College, Kondotty, Malappuram, Kerala
- June 2009 - March 2010: High School Teacher in Computer Science, Markazul Uloom English Secondary School, Kondotty, Malappuram, Kerala
- June 2008 - October 2008: Guest Lecturer in Computer Science, Farook College, Calicut, Kerala
- August 2007 - February 2008: Faculty in MCA, CDAC (under the Ministry of IT, Govt. of India), Thiruvananthapuram

## PROJECTS COMPLETED

### Mini Projects

1. Library Management System  
Developed an automated system using FoxPro/DBASE for the Municipal Library, Perumbavoor.

2. Store Management System  
Developed an automated system using VB/MS Access for managing the store at Cochin Shipyard.

### Major Project

1. Live Data Seizure  
Developed software for the Resource Centre for Cyber Forensics, CDAC, which collects and displays digital evidence from a suspected person's system. The software was developed in VC++.

### AREA OF RESEARCH

- Cyber Forensics
- Machine Learning

### PUBLICATIONS

- Published a research paper entitled "Epidemic Forecasting at a Crossroads: Machine Learning vs Deep Learning- Accuracy, Speed and Practical Trade-offs" in IJIRT, Volume 12, Issue 2, July 2025 with ISSN no: 2349-6002.
- Published a research paper titled "Evolution of Digital Evidence Acquisition Tools- Technological Advancements and Challenges" in the proceedings of the 3<sup>rd</sup> AMALIT International Conference, January 2025 with ISBN No: 978-1-300-63058-6
- Published a research paper titled "Live Data Acquisition - A Thumbnail View" in the proceedings of the National Workshop on Expertising Network Infrastructure and Administration Concepts for the Academic Fraternity (ENIAC 2015-2016) with ISBN No. 978-93-5258-614-1 .

### WORKSHOPS/ TRAINING ATTENDED

- Participated in Hands-on Workshop on *AI-Driven Scientific Writing: Transforming the Researcher's Toolkit*, organized by Directorate of Research, SAFI Institute of Advanced Study(Autonomous) & IQAC-SAFI Institute of Advanced Study(Autonomous) on 29th August 2025
- Completed one Week Faculty Development Program on *Integrating Swarm Intelligence with Artificial Intelligence and Machine Learning* from 14<sup>th</sup> July to 19<sup>th</sup> July 2025, Organized by the Department of AI & Machine Learning, Panimalar Engineering College.
- Completed a 4 week SAYAM- NPTEL Course cum FDP on "*Python for Data Science*" in March 2025.
- Completed the FDP on "*Artificial Intelligence and Machine Learning*" (30 Hrs.), offered by the ICT Academy of Kerala on January 2-4, 2025 at UL CyberPark, Kozhikode.
- Attended a training session on *Artificial Intelligence* ,on 9<sup>th</sup> November 2024, organized by Nerdz Minds and Scanntek IT Solutions at Kozhikode
- Completed the International Online Faculty Development Program on "*Data Visualization and Analytics with Excel, Power BI, Tableau, and Generative AI*", organized by the PG Department of Computer Applications and IQAC of Marian College Kuttikkanam (Autonomous) in association with ipsr solutions limited and Valin-UK, USA, and Canada from 05-07-2024 to 11-07-2024.
- Participated in the Five-day Faculty Development Program (FDP) on *Data Modelling and Forecasting* organized by the Department of Information Technology, Kannur University, from 02-05-2023 to 06-05-2023 at Kannur University Mangattuparamba Campus.

- Attended the Workshop on *Revised Framework of NAAC Assessment and Accreditation for IHRD colleges under Calicut University*, organized by CAS Vadakkanjeri on 8th August 2023.
- Attended the Two-Day National Workshop on *Natural Language Processing (NLP)* organized by the PG and Research Department of Computer Science, SS College, Areekode, Kerala, on 25-26 November 2022.
- Undergone *Faculty Development Program for IHRD colleges under Calicut University*, organized by the College of Applied Science, Kozhikode, on 19th November 2022.
- Attended the UGC Sponsored National Seminar *on Computer Graphics and Animation* at EMEA College of Arts and Science, Calicut University, in January 2012.
- Attended the Seminar on *Upcoming Operating System of Microsoft* at IT Fest KARMA 2013 organized by KMCT College of Engineering, Calicut, on 15th February 2013.

### **RESEARCH PAPER PRESENTED**

- Presented a paper entitled "Evolution of Digital Evidence Acquisition Tools- Technological Advancements and Challenges" in the proceedings of the 3<sup>rd</sup> AMALIT International Conference January 2025 ,organized by Department of Computer Science and IQAC , Amal College of Advanced Studies, Nilambur
- Presented a paper titled "Live Data Acquisition - A Thumbnail View" at the UGC-sponsored National Workshop on Expertising Network Infrastructure and Administrative Concepts for the Academic Fraternity (ENIAC) organized by the PG & Research Department of Computer Science, Farook College, Calicut, held from 10-12 March 2016.

### **OTHER DUTIES HANDLED**

- Coordinator of IT Club ,SAFI
- Member of Internal Examination Committee , SAFI
- Member of CS Board Of Studies , SAFI
- Head of the Department of Computer Science at Blossom Arts and Science College, Kondotty, for two years.
- Coordinator of the Timetable Committee at Blossom Arts and Science College for two years.
- Placement Coordinator, 2021-22 at CAS Muthuvallur
- Convener of the Grievance Redressal Committee at CAS Muthuvallur.