

**1. Name and Academic Rank:** Dr. S. Ramamoorthy,  
Director-Research.



**2. Education:**

Ph.D	2012 – Dr. MGR Educational and Research Institute
M. Tech(IT)	2004 – Punjabi University
M.Sc(O.R)	1983- University of Madras

**3. Academic Experience:**

2023 - Present	Director-Research, Computer Science & Engineering Department. Dr. M.G.R Educational & Research Institute, Chennai.
2020 - 2023	Dean-Research, Computer Science & Engineering Department. Dr. M.G.R Educational & Research Institute, Chennai.
2014 - 2020	Dean-(CA), Computer Science & Engineering Department. Dr. M.G.R Educational & Research Institute, Chennai.
2012 -2014	Principal, Computer Science & Engineering Department. Dr. M.G.R Educational & Research Institute, Chennai.
2004-2012	Professor, Computer Science & Engineering Department. Dr. M.G.R Educational & Research Institute, Chennai.
1988 - 1998	Principal, Computer Science & Engineering Department. Dr. M.G.R Educational & Research Institute, Chennai.
1985 - 1988	Principal, Computer Science & Engineering Department. Dr. M.G.R Educational & Research Institute, Chennai.

**4. Non-Academic Experience:**

Education Officer (CSI) – from 1998 to 2004

**5. Certification in Professional Registration:**

- Around 6 certifications from NPTEL in Computer Networks,
- Artificial Intelligence, Data Structures and Algorithms etc

## **6. Current Membership in Professional Organization: NIL**

## **7. Honors and Awards:**

- ISSN International Best Researcher Award and Congress (IIRAC – 2024)
- Best Publications Award - Dr. MGR Educational and Research Institute

## **8. Service Activities:**

- Member – Board of Studies
- Member – Academic Council
- Research Supervisor
- Member – Doctoral Committee
- Research Thesis Evaluator

## **9. Principal publications of last five years:**

- Automated Detection of Patients Developing Anorexia Nervosa and Bulimia Nervosa Using XGBoost Algorithm Kirubadevi, T., Arun, M., Rajini, S.N.S., Ramamoorthy, S., Rajakumar, P.S. Internet of Things-Based Machine Learning in Healthcare: Technology and Applications, 2024, pp. 19–37
- Energy Prediction and Task Optimization for Efficient IoT Task Offloading and Management Pradeep, G., Ramamoorthy, S., Krishnamurthy, M., Saritha, V.
- International Journal of Intelligent Systems and Applications in Engineering, 2024, 12(1s), pp. 411–427
- Mitigation of HTTP Flood DDoS Attack in Application Layer Using Machine Learning and Isolation Forest Krishna Kishore, P., Ramamoorthy, S., Rajavarman, V.N.
- SSRG International Journal of Electrical and Electronics Engineering, 2023, 10(10), pp. 6–19
- ARTP: Anomaly based real time prevention of Distributed Denial of Service attacks on the web using machine learning approach Krishna Kishore, P., Ramamoorthy, S., Rajavarman, V.N. International Journal of Intelligent Networks, 2023, 4, pp. 38–45
- Design and Evaluation of Wi-Fi Offloading Mechanism in Heterogeneous Networks
- Vinoth Kumar, V., Ramamoorthy, S., Dhilip Kumar, V., Prabu, M., Balajee, J.M. International Journal of e-Collaboration, 2021, 17(1), pp. 62–70
- Reliability of cloud services provided to non-banking financial institutions

- Nirmala Sugirtha Rajini, S., Ramamoorthy, S., Radha Rammohan, S., Rajakumar, P.S., Niveditha, V.R. International Journal of Control and Automation, 2020, 13(2 Special Issue), pp. 165–172
- Device authentication and secure routing in MANET for internet of things
- Thiyagarajan, K., Ramamoorthy, S., Neelavathy Pari, S., Rajakumar, P.S.
- Advances in Parallel Computing, 2020, 37, pp. 313–319
- Device identification and authentication for internet of things using predefined characteristics Kirubadevi, T., Ramamoorthy, S., Rajavarman, V.N. Journal of Physics: Conference Series, 2019, 1362(1), 012067
- Optimizing data quality issues in process mining to maximize valuable customer service (Journal of Computational and Theoretical Nanoscience (2019) 16:5/6 (2259-2264) DOI: 10.1166/jctn.2019.7882) Sathyalakshmi, S., Ramamoorthy, S., Rajavarman, V.N.
- Journal of Computational and Theoretical Nanoscience, 2019, 16(7), pp. 2720
- 100 Relationship extraction from biomedical literature Kanya, N., Geetha, S., Ramamoorthy, S., Ravi, T. Journal of Advanced Research in Dynamical and Control Systems, 2019, 11(6 Special Issue), pp. 1431–1437
- Mitigation of HTTP Flood DDoS Attack in Application Layer Using Machine Learning and Isolation Forest Krishna Kishore, P., Ramamoorthy, S., Rajavarman, V.N.
- SRG International Journal of Electrical and Electronics Engineering, 2023, 10(10), pp. 6–19

**10. Professional Development Activities in last five years: NIL**