



1. NAME AND ACADEMIC RANK: Dr. P.S. Rajakumar Ph.D.,
Professor

2. EDUCATION:

Ph.D. Computer Science and Engineering, Jawaharlal Nehru Technological University, Hyderabad, 2018

MTech Computer Science and Engineering. Dr. M.G.R. Educational and Research, Institute, Chennai, 2006

MCA Computer Application, Bharathiyar University, Coimbatore, 2001

3. ACADEMIC EXPERIENCE:

2021-Present Dean Activities, Dr. M.G.R. Educational and Research Institute, Chennai

2018 -2021 Professor, Dr. M.G.R. Educational and Research Institute, Chennai.

2014-2018 Associate Professor, Dr. M.G.R. Educational and Research Institute, Chennai.

2006-2014 Assistant Professor, Dr. M.G.R. Educational and Research Institute, Chennai

2001-2006 Head of Department, Thaimoogambigai Polytechnic College, Chennai

1993-2001 Lecturer, Thaimoogambigai Polytechnic College, Chennai

4. NON-ACADEMIC EXPERIENCE: NIL

5. CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS:

- Python for Beginners certification by Sololearn, April 2020
- Clustering and Classification with Machine Learning in Python certification by Sololearn, April 2020
- Python for Absolute Beginners certification by Udemy, April 2020
- Clustering and Classification with Machine Learning in Python certification by Udemy, April 2020

6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

- Life Member, CSI (LMCSI) - 10106202
- Life Member, ISTE (LMISTE) - 4225
- Senior Member, IEEE (SMIEEE) - 92293429
- Fellow, Institution of Engineers (FIE) - F-1283274
- Life Member, TSI (LMTSI) - 0579

7. HONORS AND AWARDS:

- Best Social Work Seva Rathna Award by All India Union of Journalists, October 2021
- Premium Award for completing the research action #mgrpublish999 challenge, September 2022
- Award for Best Researcher for contribution in academics and research by Chennai Softech, November 2022
- Bharat Gaurav Puraskar Award for outstanding achievements in Computer Science, February 2023
- Distinguished Technology Author Award for the book “Understanding Data Science (AI ML & DL)”, April 2023
- Distinguished Educator Award by RAMFO Academic and Research Excellence Awards RARE’2023, August 2023
- NETRUTVA AWARD (Best NSS Coordinator) by Krisha Foundation, September 2023
- Sri Seva Rathna Award by Human Consumer Protection Organization, October 2023
- Best Nodal Officer Award by Chief Election Commissioner Sri. Sathayapathap Sahoo IAS, January 2024

8. SERVICE ACTIVITIES:

- Approved Guide for Ph.D. Scholars in the Department of CSE and IT at Dr. MGR Educational and Research Institute, since January 2020
- Doctoral Committee Member in the Departments of CSE/ECE/IT at Anna University (MIT Campus), Bharath University, and Dr. M.G.R. Educational and Research Institute, Chennai
- Member of Board of Studies for PG and UG in the Department of CSE and IT, since 2010
- University NSS Programme Coordinator, since 2007

Books Published:

- "Environmental Studies" (ISBN: 978-93-86388-36-0)
- "Essentials of Database Management System" (ISBN: 978-93-88568-23-4)
- "Software Engineering" (ISBN: 978-81-947069-0-8)
- "Understanding Data Science (AI ML & DL)" (ISBN: 978-93-91303-35-8)

9. PRINCIPAL PUBLICATIONS OF LAST FIVE YEARS (2019-2024):

- Enhancing Coffee Crop Management with IoT and Machine Learning: Automated Monitoring and Disease Control, Journal, March 2023
- Ensemble feature extraction-based prediction of fetal arrhythmia using cardiocographic signals, Journal, Measurement: Sensors, February 2023
- Automated Coffee Plantation Monitoring and Disease Recovery Using IoT and Machine Learning, Journal of Data Acquisition and Processing, March 2023
- Detecting Abnormalities of Fetal Cardiac Using Deep Learning in Parallel Computing Environment, Advances in Parallel Computing Algorithms Tools and Paradigms, November 2022
- Understanding Data Science (AI ML & DL), Book, July 2022
- An Analysis on Turmeric Growth Detection by Using Various Machine Learning Algorithms, Advanced Engineering Science, October 2022
- An Effective Approach for Turmeric Growth Detection Using Multilevel Linear Algorithm, Seybold Report Journal, October 2022

- Survival of Blockchain Process and Block Chain Technology, Conference Paper, 2022 International Conference on Advances in Computing Communication and Applied Informatics, January 2022

10. PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS:

- Latest Trends and Techniques in Software Engineering in Industry Perspective, 7-day online FDP, Department of Computer Science, Christ University, Bangalore, January 2024
- Session Chair for National Conference on Technology for Society (NCTS'23), SRMIST Vadapalani, October 2023
- Emerging Research Trends in Data Science and Blockchain, 4-day seminar, Department of CSE, Dr. M.G.R. Educational and Research Institute, May 2023
- Reviewed Manuscripts for IEEE International Conference on Networking and Communications 2023 (ICNWC 2023), SRM Institute of Science & Technology, April 2023
- Computer Vision and Natural Language Processing, Seminar, Department of IT, Easwari Engineering College, August 2022
- Deep Learning and Its Applications, Seminar, Department of IT, Sairam Engineering College, July 2022
- The Role of Artificial Intelligence in Renewable Energy Applications, Seminar, Department of EEE, KPR Institute of Engineering College, August 2022
- Session Chair for 3rd International Conference on Engineering Digital Green Era - EDGE 2022, Rajalakshmi Engineering College, Chennai, April 2022
- Patents on Innovative Teaching and Research Methodology, Seminar, Department of CSE, Bishop Heber College, March 2022