



1. NAME AND ACADEMIC RANK

Dr. V. JOSEPH RAJ
Professor - Computer Science and Engineering

2. EDUCATION

Ph.D. Computer Science, Manonmaniam Sundaranar University 2003
M.E. Computer Science and Engineering, Vinayaka Mission University 2010
M.Sc. Applied Mathematics and Computer Science, Madras Institute of Technology
(Ap.Sci.) (MIT) Anna University 1986

3. ACADEMIC EXPERIENCE

2024 - Present Professor in Computer Science and Engineering
Dr. MGR Institute of Educational And Research

1987 Assistant Professor in Computer Science and Engineering
Kalasalingam University

1987 - 1988 Assistant Professor in Computer Science
Kamaraj College Manonmaniam Sundaranar University

1988 - 2024 Head and Associate Professor
Kamaraj College Manonmaniam Sundaranar University

2007 - 2009 Associate Professor in Computer Engineering
European University of Lefke North Cyprus

4. NON-ACADEMIC EXPERIENCE

Consultancy Project

2023 - 2024 ERP Product Related to Learning Management (Software Development)
M/s. Postulate Info Tech Private Limited Thoothukudi

5. CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- Refresher Course in Computer Science
Jawaharlal Nehru University New Delhi (12.08.2002 - 06.09.2002)
- Refresher Course in Parallel Algorithms and Neural Networks
Madurai Kamaraj University (01.02.1996 - 22.02.1996)
- Refresher Course in Computer Science
Rani Durgavathi Vishwa Vidyalaya (University) Madhya Pradesh
(22.03.1995 - 11.04.1995)
- Refresher Course in Computer Applications
University of Hyderabad (21.02.1994 -19.03.1994)

6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Indian Society for Technical Education New Delhi-110016
Life Member (18613) (2004-Present)
- Kamaraj College Manonmaniam Sundaranar University
Member - College Committee (2022-2024)

Kamaraj Journal of Academic Research ISSN: 2582-1466
Member - Editorial Board (2019-Present)
- Holycross Engineering College Anna University
Member - Academic Advisory Board (2010-Present)

7. HONORS AND AWARDS

- Best Paper Award, International Conference on Advances in Science and Engineering (ICASE-2022), E-ISBN: 9789391553401
- Principal in-charge, Kamaraj College, Manonmaniam Sundaranar University (2021-2024)
- Chairman, Board of Studies in MCA, Manonmaniam Sundaranar University

Ph.D. scholars awarded (2020-2024)

- Irene Getzi S (2020) Manonmaniam Sundaranar University
- Balamurugan S (2022) Manonmaniam Sundaranar University
- Felista Sugirtha Lizy R (2022) Manonmaniam Sundaranar University

- Privieta P (2023) Manonmaniam Sundaranar University
- Sumathi A (2024) Manonmaniam Sundaranar University
- James AlagurajaJ (2024) Manonmaniam Sundaranar University

8. SERVICE ACTIVITIES

- Presidential Address -National Seminar on Emerging Trends in Mathematical Sciences
Kamaraj College, ManonmaniamSundaranarUniversity, 2023
- Special Speaker and Session Chair – National Conference on Contemporary Research and Computer Intelligence
St. John’s College, Manonmaniam Sundaranar University, 2022
- Convener - Discipline Committee(2022-2023)
Kamaraj College, Manonmaniam Sundaranar University
- Chief Superintendent – Manaonmaniam Sundaranar University Examinations – Kamaraj College (2022-2023)
- External Academic Auditor – Ayyanadar Janaki Ammal College (Autonomous), Sivakasi, Madurai Kamaraj University, 2022
- Organiser – District Level Exhibition for School Students
Kamaraj College, Manonmaniam Sundaranar University, (2020 and 2023)
- Organiser - Alumini Book Donation

Kamaraj College, Manonmaniam Sundaranar University, 2023

9. PRINCIPAL PUBLICATIONS OF LAST FIVE YEARS

- Joseph Raj V, et al., Artificial Intelligence Solution for Relaxation Oscillation Equation, Contemporary Mathematics Journal, ISSN: 2705-1056, 2024, Vol. No.5, Issue 2, pp.1355-1362
- Joseph Raj V, et al., Interval Valued T – Fuzzy Hyper Bi - Γ Ideals in Γ – Hypernear - Rings, Research Journal, ISSN: 0039-2049, 2023, Volume: 10, Issue 1, pp.52-59
- Joseph Raj V, et al., Machine Learning Approach to SIR Mathematical Model, IEEE|ICFDA, ISBN:9798350321685/23,2023, pp.1-6

- Joseph Raj V and Felista Sugirtha Lizy R, Performance of RSA Algorithm using Game Theory for Aadhaar Card, Springer: Sentimental Analysis and Deep Learning, Proceedings of ICSADL (2022), ISBN: 978-981-19-5443-6_7, 2022, pp.83-88
- Privietha P and Joseph Raj V, Hybrid Activation Function in Deep Learning for Gait Analysis, IEEE| PECCON'22, ISBN: 978-1-6654-8592-0/22, 2022, pp.1-5
- Joseph Raj V and Felista Sugirtha Lizy R, Performance of ECC Algorithm using Game Theory for Aadhaar Card, IEEE| PECCON'22, ISBN: 978-1-6654-8592-0/22, 2022, pp.1-6
- Joseph Raj V, A Neural Network Model For Solving Linear Programming Problems With Bounded Variables, IEEE|PECCON'22, ISBN:978-1-6654-8592-0/22, 2022, pp.1-3
- Balamurugan S and Joseph Raj V, Gait Recognition Using Spatio Temporal Interest Points Based 3D – Histogram of Random Decomposition Merged Orientations, Kamaraj Journal of Academic Research, ISSN: 2582-1466, 2022, Volume: 3, Issue 1, pp.50-65
- Joseph Raj V, et al., Detection of Recovery of COVID-19 Cases using Machine Learning, International Journal of Current Research and Review, ISSN: 2231-2196, 2021, Volume: 13, Issue 06, pp. S-59 -S- 63
- Joseph Raj V and Felista Sugirtha Lizy R, Improvement of RSA Algorithm Using Euclidean Technique, Turkish Journal of Computer and Mathematics Education, 2021, Volume: 12, No. 3, pp. 4694 – 4700
- Privietha P and Joseph Raj V, Deep Learning Technique on Gait Analysis, Test Engineering and Management, ISSN: 0193-4120, 2020, pp.11817 –11823
- Christopher Paulraj and Joseph Raj V, An Intelligent Model for Defect Prediction in Spot Welding, Turkish Journal of Computer and Mathematics Education, 2021, Volume: 12, No.3, pp. 3991-4002
- Balamurugan S. and Joseph Raj V.Deep Features Based Multi View Gait Recognition, Turkish Journal of Computer and Mathematics Education, 2021, Volume: 12, No. 10, pp. 472-478
- Joseph Raj V and Felista Sugirtha Lizy R, image Encryption Using RK-RSA Algorithm in Aadhaar Card, Turkish Journal of Computer and Mathematics Education, 2021, Volume: 12, No. 3, pp. 4683-4693
- Joseph Raj V and Felista Sugirtha Lizy R, Performance Enhancement of RSA using Runge – Kutta Technique, Test Engineering and Management, ISSN: 0193-4120, 2020, pp. 11850 –11857
- Balamurugan S. and Joseph Raj V, An Approach for Gait Recognition Using Spatio Temporal Interest Point-Based 3D – Histogram of Merged Orientations, Test Engineering and Management, ISSN: 0193-4120, 2020, pp. 472-478

- Christopher Paulraj and Joseph Raj V, An Efficient Aircraft Health Management System, Test Engineering and Management, ISSN: 0193-4120, 2020, pp. 11858-11863
- Joseph Raj V., et al., Better Performance of Chemistry of Papaya Leaf Juice to Fight COVID-19, Kamaraj Journal of Academic Research, ISSN: 2582-1466, 2020, pp.16-25
- Privietha P and Joseph Raj V, Impact of Removing Blur Silhouettes in Gait Analysis Using Deep Learning Technique, Alochana Chakra Journal, ISSN: 2231-3990, 2020, pp. 1671-1678
- Privietha P and Joseph Raj V, LPP in Gait Analysis using Deep Learning, Juni Khyat Journal, ISSN: 2276-4632, 2020, pp. 125-130
- Privietha P and Joseph Raj V, Understanding Deep Learning in Gait Analysis for Human Identification, International Journal of Advanced Science and Technology, ISSN: 2005-4238, 2019, pp. 1579-1583
- Janeela Theresa M M and Joseph Raj V, Fuzzy based Genetic Neural Network for the Classification of Murder Cases Using Trapezoidal and Lagrange Interpolation Membership Function, Elsevier: Applied Soft Computing, ISSN: 1568-4946, 2016, Vol. 13, No. 1, pp. 743-754
- Janeela Theresa M M and Joseph Raj V, A Maximum Spanning Tree - based Dynamic Fuzzy Supervised Neural Network Architecture for Classification of Murder Cases, Springer: Soft Computing, ISSN: 1432-7643/ 1433-7479, Vol. 20, 2013, pp. 2353 – 2365

Books published (2019-2024)

- Data Analytics
Charulatha Publisher ISBN-13: 978-93-5577-681-5, 2023
- Soft Computing and Optimising Techniques
Charulatha Publisher ISBN:13:978– 93– 89051– 59-9, 2019

10. PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS:

- Convener - Second International Conference on Data Analytics (ICDA'23)

Dept. of Computer Science, Kamaraj College, Manonmaniam Sundaranar University, 2023
- Resource Person - National Conference on Contemporary Research and Computer Intelligence (NCCRACI-2022)

St. John's College, Manonmaniam Sundaranar University, 2022

- Advisory Committee Member – International Conference on Advances in Science and Engineering (ICASE-2022) E-ISBN: 9789391553401

APC Mahalaxmi College for Women, Manonmaniam Sundaranar University, 2022

- Convener - International Webinar on Innovation on Demand

Alumni (1987-1990) and Dept. of Computer Science, Kamaraj College, Manonmaniam Sundaranar University, 2021

- Convener - Webinar Series on Intelligent Data Analytics

Dept. of Computer Science, Kamaraj College, Manonmaniam Sundaranar University, 2020

- Convener - International Conference on Soft Computing and Optimising Techniques (ICSO'19)

Dept. of Computer Science, Kamaraj College, Manonmaniam Sundaranar University, 2019

- Convener - International Workshop on Machine Learning Using Python
Dept. of Computer Science, Kamaraj College, Manonmaniam Sundaranar University, 2019

Patent

- Machine Learning based Data Seclusion in Image and Audio Files, Application Number: 202241020068, Date of Publication: 2022.