

**1. NAME AND ACADEMIC RANK:** Dr.V.Cyril Raj, Ph.D,

Professor



**2. EDUCATION:**

Ph.D	Computer Science and Engineering, Jadavpur University, Kolkata, 2009.
ME	Computer Science Engineering, Govt College of Technology, Coimbatore, 1995.
BE	Electronics & Communication Engineering PSNA College of Engineering, 1988.

**3. ACADEMIC EXPERIENCE:**

2021 – Present	Additional Registrar (Administration) and Professor CSE - Dr. M.G.R. Educational and Research Institute, Chennai
2018 -2021	Registrar (Academic and Administration) & Professor CSE - Dr. M.G.R. Educational and Research Institute, Chennai
2014 -2018	Dean (Engineering and Technology) & Professor CSE - Dr. M.G.R. Educational and Research Institute, Chennai
2014 – Oct 2014	Additional Dean (Engineering and Technology) - Dr. M.G.R. Educational and Research Institute, Chennai
1997 – 2014	HOD Dept CSE - Dr. M.G.R. Educational and Research Institute, Chennai
1997 – 2014	HOD Dept CSE - Dr. M.G.R. Educational and Research Institute, Chennai

**4. NON-ACADEMIC EXPERIENCE:**

1996	System Consultant - City Information Technology, Kualalumpur.
1997	Assistant Manager (System & Training) - Silver Line Software Technologies, Chennai.

**5. CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS:**

- National Cyber Safety and Security Standards (NCSSS)

**6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:**

- CSI : N1037009
- IEEE (Computer Society) : 90902400
- IET-1100239485
- Chairman of IET Computing Science

- IEI M - 1236355

#### **7. HONORS AND AWARDS:**

- Honorary Secretary for Tiruvallur Local Centre.
- Appreciation Award for Renowned Teacher from Lions Club -2023.
- “LIFE TIME ACHIEVEMENT” Award for Exceptional Academics and Research from National Trailblazers Triumph Awards- 2023.
- Outstanding Research Contributor award for the year 2015- Instituted by Dr.M.G.R. Educational Research Institute.

#### **8. SERVICE ACTIVITIES:**

- Served as Member Secretary and resource person for NAAC Accreditation.
- Responsible for recognition of the University as Business Incubator (BI) / Host Institute (HI) for implementation of the scheme “Support for Entrepreneurial and Managerial Development of SMEs through Incubator” – 2015 to still date obtained 26.35 Lakhs.
- Obtained 3 crore funding to establish NEWGEN IEDC to support startups from Department of Science & Technology.
- Various Academic and Administrative Committees at Dr MGRERI including being the HOD (CSE), Dean (E&T) and Addl. Registrar.

#### **9. PATENT**

- CHRONIC DISEASE MONITORING HEALTHCARE ASSISTANT patent filled on 07/08/2024

#### **10. PRINCIPAL PUBLICATIONS OF LAST FIVE YEARS (2019-2024)**

- G Bavani, V. Prasanna Srinivasan, K. Balasubadra, Velankanni Cyril Raj , “Improving NB-IoT performance in weak coverage areas with CBSTO polar coding and LMMSE channel estimation”, DOI: 10.1007/s12083-024-01671-5), Peer-to-Peer Networking and Applications, part of Springer Nature 2024.
- Senthil Velan G, Dr. B. Shanthini, Dr. V. Cyril Raj, “Real-Time High-Speed High Dimension Data Streaming and Feature Extraction on Edge Computing Devices in Industrial Internet of Things (IIoT)”, International Journal of Intelligent Systems and Applications in Engineering,2023.
- G.Senthil Velan, K. Somasundaram , V. Cyril Raj, “Clustering and Classification of High Speed Dimensional Data Stream in Dynamic Feature Selection”,

International Journal of Advanced Science and Technology, Vol. 29, No. 8s, (2020), pp. 3006-3014.

- Thanudas, B, Sreelal, S., Raj, V,C, Sairam, A.P, Gajmoti, V & Joshi, P, “A novel architecture for an integrated enterprise network security system”, International Journal of Security and Networks, vol.14, no.1, 2019.
- Thanudas, B, Sreelal, S, Cyril Raj, V & Sourav Maji, “An Efficient Approach for Detecting Malware Using API Call Mining’, International Journal of Advanced Science and Technology, Vol. 29, pp. 2254 – 2274, 2020.
- Abey Jacob, Cyril, Raj, V, “Testing Methodologies for Cloud Performance’, International Journal of Innovative Technology and Exploring Engineering (IJITEE),vol. 8, no. 12, pp. 2586-2592,2019
- Abey Jacob, Cyril, Raj V, “Performance Enhancement of Cloud Computing: Methodology & Tool’, International Journal of Innovative Technology and Exploring Engineering (IJITEE), vol. 9, no. 1, pp.1400-1405 2019.
- Abey Jacob, Cyril, Raj V, “Performance evaluation of SUMEGHA Cloud Computing Environment: Methodologies & Tool’, International Journal of Innovative Technology and Exploring Engineering (IJITEE), vol. 8, no. 12, pp. 875-880, 2019.
- R. Cristin, Dr.V.Cyril Raj,Ramalatha Marimuthu, “Face Image Forgery Detection by Weight Optimized Neural Network Model”, Multimedia Research, 2019.DOI: doi.org/10.46253/j.mr.v2i2.a3.

#### **11. PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS:**

- Presented a talk on “IPv6 and IoT” as Resource Person for the Faculty Development Program on Education 5.0 organized by IEI, TVLC as part of World Telecommunication Day on 30th June, 2024.
- Session Chair for the session on “Technology and Artificial Intelligence in Prevention of Crime against Children and Women” as part of the Two Days International Conference on Crime against Children and Women: Trends, Issues & Challenges on 1st& 2nd March, 2024.
- Co-Convener at National Seminar in SPACE-3.0 and presented a talk on “Empowering Innovators & Startups in Space” on 1st& 2nd March, 2024.
- Chairperson at National Seminar in SPACE-2.0 and presented a talk on “Cube Sat for Fishermen Navigation” on 30th & 31st January, 2023.

- Presented a talk on “Information Security Management and Risk Assessment with AI” as Resource Person for the Faculty Development Program organized by Bharath Institute of Higher Education and Research, Chennai.
- Presented a talk on “Balancing between Academic & Research” as Resource Person for the Faculty Development Program organized by Internal Quality Assurance Cell (IQAC), Dr. M.G.R. Educational and Research Institute, Chennai.
- Presented on the topic “Re/humanizing Education Beyond Education 5.0 to Achieve Vision 2030” as Resource Person for the Faculty Development Program on Education 5.0 organized by the Department of Information Technology, Dr. M.G.R. Educational and Research Institute between 15-19 May 2023.
- Session speaker at “Conference on Productivity Sustainable Development knowledge and skills paradigm for Educators and Young Engineers”- December 2023.
- Chairperson at National Seminar in SPACE-2.0 and presented a talk on “Cube Sat for Fishermen Navigation” on 30th & 31st January, 2023.
- Completed an online course on “RS & GIS Applications in Natural Resource Management” during 11-11-2022 to 25-11-2022 organized by ISRO Indian Institute of Remote Sensing, Dehradun.
- Presented on the topic “Case studies on Application of Deep Learning in Healthcare Management and Autism” as Resource Person at the “International Conference on Emerging Trends in Engineering, Management and Technology (ICETEMT – 2022) organized by Rajarajeshwari College of Engineering on 21st & 22nd June, 2022
- Presented on the topic “Rapid Transformation of HEI in India Education 5.0” as Resource Person in Institute of International Research.
- Keynote Speaker at the “International Conference on Opportunities & Challenges of Block chain Technology” – October 2019.