

FACULTY VITAE

Name – Jerald F

Education –

Ph.D., Industrial IOT, Dr. M.G.R. Educational Research Institute, University, 2022.

M. Tech., VLSI & Embedded Systems, Dr. M.G.R. Educational Research Institute, University, 2014.

B.E., Electrical and Electronics Engineering, Vinayaga Mission University, 2011.

Academic experience –

Dr. M.G.R. Educational Research Institute, Chennai, Assistant Professor, From 2015-Present

Non-academic experience –NIL

Certifications or professional registrations –NIL

Current membership in professional organizations –IAENG (International Association of Engineers)

Honors and awards-

Texas Instruments certificate of appreciation for MSP430 MCU MOOC in the ecosystem bridging Government, Academia, and Industry.

Dr. A. P. J. Abdul kalam space Research appreciation for Dr, MGR Femto Satellites victorious launch in Rameshwaram on FEB 2021.

8th National conference Innovative Computing Techniques NCICT 23 –REBORN Dept of CSE in Dr.M.G.R. Educational Research Institute, University, Chennai, Tamilnadu on APR 2023.

Service activities (within and outside of the institution)-

NBA Coordinator- Worked for NBA Criteria 6 and NBA Department Coordination

ACS Satellite Coordinator

Briefly list the most important publications and presentations from the past five years –

Publications:

Dr. Jerald, Dr. V. Ramesh Babu, Dr. D. Usha, Mustafa Mudassir Tamiz, Rohith, (2023),” G2 Virtual Zoom Gesture using OpenCV”, Journal of Interdisciplinary Cycle Research ISSN NO: 0022-1945 volume XV, issue IV.

F. Jerald, M. Anand, N. Deepika, (2019), “Design of an Industrial IOT Architecture Based on MQTT Protocol for End Device to Cloud Communication”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7 Issue-6S2.

Deepika N,M. Anand, F. Jerald, (2019),”A novel three tier internet of things health monitoring system”, Indonesian journal of Electrical Engineering and computer science ISSN2502-4752, VOL 15.

Briefly list the most recent professional development activities –

Online FDP On VLSI To System Design: Silicon to End Application Approach, 31.07.2023 to 04.08.2023 Organized By AICTE, New Delhi.

Faculty Development Program on “AI blended nanomaterial based wearable sensing technology, automation, and soft computing”, 29.03.2023 to 02.04.2023, Vellore Institute of Technology, Chennai.

Faculty Development Program on Communication and Computation conducted in Dept of ECE in Association with ALL INDIA COUNCIL FOR TECHNICAL EDUCATION by Dr. M. G. R. Educational Research Institute, University, Chennai, Tamilnadu from 13.12.2022 to 17.12.2022 and 19.12.2022.

Training program on “Applied soft computing and vision machine techniques” conducted in Dept of ECE in Association with All India Council for Technical Education by Dr. M. G. R. Educational Research Institute, University, Chennai, Tamilnadu from 15.02.2021 to 20.02.2021.

Faculty Development Program on Recent Challenges in Power Systems”, organized by the

Department of Electrical & Electronics Engineering, S. V. College of Engineering, Tirupathi, Andhra Pradesh from 22.06.2020 to 26.06.2020.

Faculty Development Program on Advances in 5G-Wireless Communications with Hand on Experiences conducted by Department of Electronics and Communication Engineering, Lendi Institute of Engineering and Technology from 16.06.2020 – 20.06.2020.

Training program on MATLAB Masters conducted by DATA TECH Labs from 8.06.2020 to 19.06.2020.

Training program on Research Topics in VLSI and Industry Trends conducted by I Electronics and Communication Engineering in GMR Institute of Technology, Rajam, AP, From 29.05.2020 to 31.05.2020.

Training program on Internet of Things conducted by PSNA College of Eng and Technology, Dindigul from 06.05.2020 to 08.05.2020.

NPTEL course in Introduction to Industry 4.0 and Industrial Internet of Things from Jan – Apr 2020.

Training program on Octave/Matlab - Project based Learning – Programming & Design Skills” conducted by Chase Technologies in Chennai from 16.04.2020 to 23.04.2020.

Faculty Development Program on Machine Learning Workshop conducted by Lema Labs Chennai from 6.05.2019 to 10.05.2019.

Books Published-

Enjoyment of practical electronics, ISBN 978-938465412-2.