

FACULTY VITAE

Name– Ramesh B

Education-

M. Tech., Applied Electronics, Dr. M.G.R. Educational and Research Institute, Chennai, 2007.

B.E. Electronics and Communication Engineering, Kalasalingam College of Engineering, Krishnankoil, 2002

Academic Experience-

Dr. M.G.R. Educational and Research Institute, Assistant Professor from 09.3.2022- Present

SKR Engineering College ,Chennai, Associate Professor from July 2007 to 8.3.2022

Non-Academic Experience-

Working as Senior Embedded Development Engineer, Mindstorm global Technologies, Chennai from October 2004 – May 2007

Working as Embedded Development Engineer, Orbit controls and services from June 2002- Sep. 2004

Certifications or Professional Registrations-

NPTEL Certification in Microprocessors and Microcontrollers in 2023.

Current membership in professional organizations- IETE (Life Member)

Honors and awards-

Topper in NPTEL Certification in Microprocessors and Microcontrollers in 2023.

Service activities-

Department CAT Convener

MPMC Lab In charge

Class In charge

Publications and Presentations, from past 5 years-

Presented a Paper titled Smart Wheelchair for disabled people in 7th National conference on Virtual reality technology in Cognitive Application, 26th -28th February 2023 at Dr. M. G. R Educational and research Institute, Chennai, India.

Presented a Paper titled LORA based Soldiers health Monitoring and Position Tracking in 7th National conference on Virtual reality technology in Cognitive Application, 26th -28th February 2023 at Dr. M. G. R Educational and research Institute, Chennai, India.

Presented a Paper in Springer 7th International conference on Information System and Intelligent Applications (INDIA-2022) 25th - 26th February 2022 Organized by BVRIT Hyderabad College of Engineering for Women, Hyderabad, India.

Published a paper titled “A detailed study on patient centered BCI systems with reference to sensing and communication of signals” at International conference on innovations in Electronics and Communication Systems on 6th & 7th May 2021, organized by Department of Electronics and Communication Engineering, RMK college of Engineering and Technology, Pudukkottai.

Published a paper titled “A complete study on self-movement for quadriplegic patients by BCI systems using non-invasive recording of electroencephalogram” at innovation and technological developments in electronics, Computer and Communication (ITDECC-21) on 17th & 18th May 2021, organized by department of Electronics and Communication engineering and the institution of engineers (India), SRM institute of science and technology, Ramapuram.

Briefly list the most recent professional development activities –

Participated in FDP on “Harnessing Artificial Intelligence for Health care Excellence, Innovations, insights and impacts” organized by Biomedical Engineering, SRM Institute of Science and Technology, Ramapuram from 24.06.2024 to 29.06.2024.

Participated in National level Workshop on “Explore the recent EDA Tools and Methodologies for Efficient VLSI circuits Design “organized by S.A. Engineering College from 15.04.2024 to 22.04.2024.

International Scientific Conference” University Science: A look into the Future” from 08.02.2024 to 09.02.2024, Kursk State Medical University, Russia cohosted by Dr. M. G. R. Educational & Research Institute, Chennai.

Organized the DST-SERB Sponsored two days’ workshop on “Artificial Intelligence and IOT Applications in healthcare” held on 27-28 December 2023 at Dr. M.G.R. Educational and Research Institute, Chennai, India.

Participated in the six Days faculty development Programme on “VLSI Design” conducted during 18.12.2023 to 23.12.2023 organized by the Department of Electronics and Communication Engineering, at Dr. M. G. R. Educational and research Institute, Chennai, India

Participated in the Five Days Certificate Training Programme on “Hands on Approach towards Virtual and Augmented Reality Environment” conducted during 09.10.2023 to 13.10.2023 organized by the Department of Electronics and communication engineering, at Dr. M.G.R. Educational and research Institute, Chennai, India.

Participated in participated in the Five Days Online Short-Term Training Programme on “Role of Mathematics in Machine Learning” organized by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai held from 23rd to 28th March 2023.

Participated in Faculty Development Programme (FDP) on “Communication and Computation “ organized by Department of Electronics and Communication Engineering, Dr. M. G. R. Educational and Research Institute, Chennai, from 13.12.2022 to 19.12.2022.

Completed certificate course on “Master class on Embedded Driver Development” organized by Pantech Prolabs India Pvt. Ltd, Chennai, from 06.07.2022 to 27.08.2022.

Participated in Faculty Development Programme (FDP) on “Emerging Application in Image Processing “organized by Department of Electronics and Communication Engineering & Centre for Image Processing, Rajalakshmi Institute of Technology, Chennai, from 01.03.2022 to 05.03.2022.

Attended in Webinar on “Advances in Bio-Sensing Technologies” held on 17th and 18th February 2022 organized by Department Biomedical Engineering, SRM Institute of Science and Technology, Ramapuram, Chennai.

Participated in workshop on “Design of Microwave Devices and 5G Antennas Using ANSYS HFSS SUITE” held on 20th, 21st and 25th June 2022 organized by Department of Electronics and Communication Engineering, Hindustan Institute of Technology and Science, Chennai.