

FACULTY VITAE

Name –Raja B

Education –

Ph.D., Quantum Computing, Dr. M.G.R. Educational Research Institute, Chennai 95,2017.

M.E., Applied Electronics, Sathyabama University, Chennai,2010.

B.E., Electronics and Communication Engineering, M.S University, Tirunelveli,2002.

Academic experience –

Dr. M.G.R. Educational and Research Institute, Professor, 2022 – Present.

Dr. M.G.R. Educational and Research Institute, Associate Professor, 2017 - 2022.

Dr. M.G.R. Educational and Research Institute, Assistant Professor, 2010 – 2017.

SKEC as Lecturer2002 to Nov 2008

Non-academic experience: NIL

Certifications or professional registrations– NIL

Current membership in professional organizations-

The Institution of Engineering Science and Technology (M-18ET0010)

Society of Digital information and wireless communication

Honors and awards -

Best Researcher Award, 2023-2024, Novel Research Academy, Puducherry, India

Research contribution Awarded, Dr. M.G.R. Educational Research institute, University.

Service activities (within and outside of the institution) –

Participated in Workshop and Conference

Preparing paper for International Journal

NBA Coordinator

ISO Coordinator

Event Coordinator

Sports Coordinator

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

Dr. B. Raja, (2024), An Experiment to Develop an Enhanced Medical Image Security by using Deep learning Assisted Crypto Policy (IEEE)

Dr. B. Raja, (2024), Image Steganography with multi-layer Security and High Capacity, Journal of Nonlinear Analysis and Optimization, vol-15, issue-1, no-3,2024, ISSN:1906-9685(UGC).

Dr. B. Raja, (2023),Early stage Lung cancer prediction from computed Tomography images using U-Net And Res U-Net ICOCS-2023

Dr. B. Raja, Dr. K. Sudhaman ,(2020), Angle Based Adversary Node Detection in wireless sensor network, Journal of Critical Reviews, Volume-7, Issue-6, PP 542- 553[scopus]

Dr. B. Raja, Dr. M. Anand (2020), lessons from the deadliest viruses on earth in twenty first Century Test Engineering and Management, Volume-83, ISSN:0193- 4820, Page no:18851-18857[scopus]

Dr. B. Raja, (2020), Identification of Plants With Their Medicinal Uses by convolutional Neural Network, International Journal of Advanced Science and Technology, volume-29, No:6,page no:1401-1408.

Dr. B. Raja, (2019), Internet Based modern Health care Monitoring System using Body sensor network, Journal of Advanced Research In Dynamical and Control System Vol-11, Special Issue-2, ISSN 1943-023X(scopus).

Dr. B. Raja, (2019), Design and Implementation of health care video monitoring system based on RTOS, International Journal of Public Health Research & Development volume 10, Issue-4, ISSN 0976-5506 (scopus).

Briefly list the most recent professional development activities –

Virtual FDP on “VLSI Design”, 18.12.2023 to 23.12.2023, Dr. M.G.R Educational & Research Institute.

Faculty Development Programme on Recent Trends in Modern Smart Intelligent Systems from 8.05.2023 to 13.05.2023, Dr. M. G. R. Educational & Research Institute.

Faculty Development Programme on “Communication and Computation” from 13.12.2022 to 17.12.2022 & 19.12.2022, Dr. M. G. R. Educational and Research Institute.

Arranged Faculty Development Program & Conference, Workshop.