

Name of Faculty Dr M Raj Kumar Naik



Designation Assistant Professor

Nature of Job/Appointment Contract

Date of Joining 28-1-2021

E-mail rajkumarnaik_ece@cbit.ac.in

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (ECE) Pondicherry Central University	Awarded
PG	M. Tech.(Electronics) Pondicherry Central University	First
UG	B. Tech. (ECE) JNTUH	First

Work Experience

Teaching	4 Months
Research	--
Industry	--
Others	--

Area of Specialization Wireless Networks and Communication

Professional Memberships IAENG, ISTE

Responsibilities held at Institution Level

Responsibilities held at Department Level

Research Guidance

Awards Received Selected for NFST Fellowship by UGC to pursue Ph.D. (JRF & SRF)

Courses Handled at Under Graduate / Post Graduate Level.

BMI

No. of Papers Published

National Journals – --

International Journals – 6

National Conference –

International Conference –3

Projects Carried out

Patents

Technology Transfer

Invited Speaker

No. of Books/Chapter Published with details

1. Attended 5 days training program on “Advances of Wireless Communication network” at NIT, WARANGAL.
2. Attended National level students technical symposium at DEE, Pondicherry University.
3. Attended one day workshop on “NS2 for Network Security” at S A Engineering College, Chennai.
4. Attended one day workshop on “Software Safety and Security of Medical Devices” CEG Campus Anna University, Chennai.
5. Attended one day workshop on “Software Safety and Security of Medical Devices” CEG Campus Anna University, Chennai
6. Attended two days hands-on training programme on “Network Simulator-2 (NS2)” PEC, Puducherry.
7. Attended ten days GIAN workshop on “Wireless Sensors Networks and Underlying Characteristics” JNTUH, Hyderabad.
8. Attended two days National Workshop on “IoT Technologies and Big Data Analytics for Telemedicine Applications” PEC, Puducherry.
9. Attended one week GIAN sponsored course on “Digital Chip Design for futuristic Cardio-vascular health Monitoring” IIT Hyderabad, Telangana

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (**Attended and/or Organized**).

Details of Journal Publications/ Conferences

1. RajkumarNaik, P.Samundiswary, “Adaptive Hybrid Transmit Power Control (AHTPC) Algorithm for Wireless Body Area (WBAN) Networks”,*International Journal of Advanced Intelligence Paradigms*, Inderscience Publishers (Accepted and in Press). (**Scopus**)
2. M Raj Kumar Naik, P.Samundiswary, “Performance Comparision Analysis of GTTPC and AHTPC Technique for WBAN with Mobile Scenario”, in *Next Generation Wireless Communication Systems: Challenges and Opportunities (ICMEET-2019)*, Organized by Department of Electronics & Communication Engineering, Raghu Institute of Technology, Visakhapatnam, India during 6-7 December, 2019. (**Scopus** - Published in springer lecture notes)
3. M Raj Kumar Naik, P.Samundiswary, “Throughput Analysis of AHTPC Algorithm for Wireless Body Area (WBAN) Networks”, in *Proceedings of 8th International Conference on Innovations in Electronics and Communication Engineering*, Hyderabad, Aug-2019. (In Press in UGC-Journal).
4. M Raj kumarNaik, P.Samundiswary “Survey on multi-channel schemes in Wireless Body Area (WBAN) Networks”, *International Journal of Engineering and Technology*, Science Publishing corporation, Vol. 3, No. 29, pp. 199-202, 2018. (**Scopus**)
5. M Raj Kumar Naik, P. Samundiswary, “A Survey on Transmission Power Control Schemes for Wireless Body Area Network”, *CIIT International journal of Networking and Communication Engineering*, Vol. 9, No. 2,pp. 31-35, Feb-2017.
6. P.Samundiswary and M.Raj Kumar Naik, “Performance Analysis of Deterministic Energy Efficient Clustering Protocol for WSN”, *International Journal of Soft Computing and Engineering*, vol.2, no.6, pp.431-435, January 2013, ISSN: 2231-2307.Impact Factor:1.00
7. M Raj Kumar Naik, P. Samundiswary, “Game Theory based Transmit Power Control (GT-TPC) algorithm for Multi-channel Wireless Body Area Networks (WBAN)”, *Wireless Networks* - Springer Publisher. (Communicated)

International Conference Publications

1. M Raj Kumar Naik, P.Samundiswary, “Survey on Game Theory Approach in Wireless Body Area Network”, in *Proceedings of IEEE International Conference on Computing and Communication Technologies*, Chennai, pp.1-5, Feb-2019.
2. M Raj Kumar Naik, P. Samundiswary, “Wireless Body Area Network Security Issues- Survey” , *Proceeding of IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies*, Kanyakumari, pp.221-225, Dec-2016 .
3. M Raj Kumar Naik, HemanthBhardwaj and P.Samundiswary, “Residual Energy Analysis of DEC and Delivery Ratio Analysis of E-AOMDV Protocol for Mobile Sensor Networks” ,*Proceedings of IEEE International Conference on Communication and Signal Processing*, Melmaruvathur, Tamil Nadu , India, pp.509-513, 3-5th April 2013.