



Dr. Rajashekhar S A, M.Tech., Ph.D

Designation: Associate Professor

Experience: Teaching – 20 years

Specialization: Wireless Sensor Networks.

Official Email [:rajasekhhar@rrce.org](mailto:rajasekhhar@rrce.org)

International Journal

- 1) Investigating the impact of adoption of smart healthcare technologies on quality of patient care using two-staged SEM-ANN Approach. Discover Public Health 22, 350 (2025). <https://doi.org/10.1186/s12982-025-00738-9>. SN Computer Science, © The Author(s), under exclusive license to Springer Nature Singapore.
- 2) An Efficient Framework for Localization Based Optimized Opportunistic Routing Protocol in Underwater Acoustic Sensor Networks SN Computer Science (2024) 5:520 <https://doi.org/10.1007/s42979-024-02814-4>. SN Computer Science, © The Author(s), under exclusive license to Springer Nature Singapore
- 3) Human skin cancer detection using CNN, International Journal of Technological Research in Engineering, volume 11, issue 5, Jan 2024.
- 4) TATVA: A Journey into regional language Development. International Journal of Technological Research in Engineering, volume 11, issue 5, Jan 2024
- 5) An Enhanced Energy Efficient Framework for Routing Protocol over Wireless Sensor in the referred journal “International Journal of Scientific Research in Computer Science, Engineering and Information Technology”, PP-283-293, Volume 8, Issue 5, October 2022 ,Index: UGC Care Journal Link: <https://doi.org/10.32628/CSEIT228545> .
- 6) Secured Clustering Multilevel Underwater Acoustic Networks with Dynamic Routing Discovery (SCDRD) Protocol. International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538,2023
- 7) A Secured Clustering Multilevel Acoustic Wireless Networks using Dynamic Routing Discovery protocol”, “International Journal of Intelligent Engineering and Systems”, Inaas Journal, Scopus Indexed, Volume 16 Issue 1-2, 2023. Accepted in International Journal of Intelligent Engineering and Systems, INAAS Journal, Scopus Indexed

- 8) An adaptive coordination scheme for underwater sensor networks using opportunistic routing (IJSART) International journal for science and advance research in technology. Vol. 2, issue 6 in June 2016.
- 9) Introducing a Novel Key for Avoiding Data Leakage during Information Exchange”, Maduri P and Rajshekhar S A: International Journal for science and research in Technology (IJSART), Volume 1 Issue 27-July 2013.
- 10) A Novel approach to develop a reliable routing protocol for wireless mesh networks using IEEE 802.11s and LTE networks: a survey paper, IJRET: International Journal of Research in Engineering and Technology eISSN: 2319-1163 | pISSN: 2321-7308

Conference

- 1) African Vultures Based Feature Selection with Multi-modal Deep Learning for Automatic Seizure Prediction ,2024 International Conference on Distributed Computing and Optimization Techniques (ICDCOT) .
- 2) Synergetic Stress Insights: Unifying Facial Recognition and Sleep Patterns for Futuristic Stress Detection using AI 2024 International Conference on Distributed Computing and Optimization Techniques (ICDCOT) .
- 3) Scheduling the Tasks in Cloud Computing using Adaptive Adjustment in Whale Optimization Algorithm , 2024 Second International Conference on Data Science and Information System (ICDSIS) .
- 4) Predictive Modelling for Dynamic Antenna Selection in Massive Multiple-Input Multiple-Output Systems Using Proximal Policy Optimization has accepted for the International Conference on Communication and Signal Processing(COMSIGPRO-2024) organized by KISKINDA University..
- 5) Improved Wild Horse Optimization based Deep Neural Network for Speech Enhancement has accepted for the International Conference on Communication and Signal Processing(COMSIGPRO-2024) organized by KISKINDA University.
- 6) Development of Reliable Routing Protocols for Wireless Acoustic Sensor Networks: A Survey paper presented in IEEE Conference, 2022 (2022 Global Conference for Advancement in Technology, Bangalore).
- 7) Development of a New data structure for Preparation and Control of a new input data for VARSHA with special reference to Filtering and Control of High Frequency during Input data Calculation “International Conference on Computer Science and Engg. (ICCSE), Bengaluru, India, 28th April 2013.ISBN 978-93-83060-05-4.

Extra Co-curricular Activities:

FDP’S

- Participated in 6 days FDP on Machine Learning, BNMIT, Bangalore from 18th to 23rd January, 2016.
- Participated in one day workshop on “Preparation for Excellent Research” at SVCE on April 2016.
- Participated in the national level FDP on “IOT, Machine Learning and Virtualization” in the department of Computer Science and Engineering, SVCE, Bengaluru from 16th Jan 2017 to 20th Jan 2017.
- Participated in the one day IEEE workshop on Wi-Fi Network Analysis, jointly organized by departments of ISE and TCE, CMR Institute of Technology, Bengaluru, on 23rd Feb 2017.
- Participated in the “6 days national level workshop on network simulations using NS3”, in the

department of Computer Science and Engineering, NITTE Meenakshi Institute of Technology, Bengaluru, from 1st Aug 2017 to 6th Aug 2017.

- Participated in the one day FDP on “Networking Simulation using Qualnet Software” in the department of Computer Science and Engineering, SVCE on 14th Sept, 2017.
- Participated in the one day technical seminar on “Big Data Analytics with Hadoop”, organized by department of Computer Science and Engineering, SVCE, Bengaluru, on 13th Oct 2017.
- Worked as a coordinator for VTU sponsored five days FDP on Android Application Development in the Computer Science and Engineering department, SVCE, Bengaluru from 18th Dec 2017 to 22nd Dec 2017.
- Participated in one week FDP on “Emerging trends in Knowledge discovery and data mining” at AIT, Chikkamagalur from 16th to 21st Jan 2018
- Participated in one week FDP on “In Pursuit of Innovation, Product Development IPR and EDC, SVCE, Bengaluru from 20th to 25st Jan 2020.
- Participated in the workshop on “Block Chain”, organized by MSME, Bengaluru on 6th and 7th Feb 2020.
- Participated in one day webinar on “Introduction to Cyber Security”, SGBIT, Belagavi on 12th May 2020.
- Participated in one day webinar on “Data Mining and Data Warehousing”, VKIT, Bengaluru on 6th March 2020.
- Participated in one day webinar on “OBE and NBA Accreditation”, MIT, Aurangabad on 12th May 2020.
- Participated in one day webinar on “Intellectual Property Rights (IPR)”, SGBIT, Belagavi on 17th June 2020.
- Participated in one day webinar on “Python Quiz” organized by department of Computer Science and Engineering, Guru Nayak Dev Engineering College, Bidar, on 6 th May 2020.
- Participated in one day webinar on “Patent Your Invention to Generate Value for Research”, ACS College of Engineering, Bengaluru on 8th June 2020.
- Participated in one week FDP on “Faculty Awareness Program on NAAC Accreditation”, organized by Shreeyash Computer of Engineering and Technology, Aurangabad from 12/05/2020 to 20/05/2020
- Participated in one day webinar “Network Security and Application Security”, organized by CySeck, Government of Karnataka, on 13th May 2020.
- Participated in one day International e-workshop “Angular JS to Web Apps Faster”, ACIT, Bengaluru on 26th June 2020.
- Chaired the **session at the International Conference** on Recent Trends in Computational Engineering and Technologies (ICRTCET – 2026) organized on 29th & 30th May 2026.
- Reviewer for Advances in Science, Technology and Engineering Systems Journal (ASTESJ) and International Journal of Engineering.
- Reviewer for the International Conference on Computer Networks, Security and Computing- 2019 (ICCSC-2019) held at EWIT, Bengaluru on 9th and 10th May 2019.