Name : **Dr. J. RAMKUMAR**

Designation : Professor

Department : Computer Science

Qualification : M.C.A., M.Phil., Ph.D.

Experience : Teaching:12 Years 9 Months **Research:**12 Years 9 Months

Area of Specialization(s) : Cognitive Radio Networks, Routing Optimization

Email (Official ID) : ramkumar.j@drngpasc.ac.in

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	Bharathiar University	2021
M.Phil.	Computer Science	VLB Janakiammal College of Arts and Science	2014
M.C.A	Computer Applications	VLB Janakiammal College of Arts and Science	2010
B.Sc	Mathematics	Bishop Ambrose College	2007

Awards / Honors

Awards / Honors	Organization/ Institute	Year of Award
Outstanding Researcher in Computer Science & Engineering	Global Outreach Research and Education Association (GOREA), Rajasthan.	2019
Best Teaching Faculty	Dr. Kalam Educational Trust for Tribal (DRKET), Chennai.	2018
Indo Global Distinguished Faculty Award	Indo Global Chamber of Commerce, Industries and Agriculture (IGCCIA), Pune.	2018

Publications in International Journals

1. J. Ramkumar, R. Vadivel, **Multi-Adaptive Routing Protocol for Internet of Things based Ad hoc Networks**, Wireless Personal Communication, Vol. 120, No. 2, pp. 887-909, Sep 2021. https://doi.org/10.1007/s11277-021-08495-z (Indexed in SCIE and SCOPUS).

2. J. Ramkumar, R. Vadivel, B. Narasimhan. **Constrained Cuckoo Search Optimization Based Protocol for Routing in Cloud Network**, International Journal of Computer Networks and Applications, Vol. 8 No. 6, pp. 795–803, Dec 2021. https://doi.org/10.22247/ijcna/2021/210727(Indexed in SCOPUS).

3. J. Ramkumar, R. Vadivel, **Intelligent Fish Swarm Inspired Protocol (IFSIP) For Dynamic Ideal Routing in Cognitive Radio Ad-Hoc Networks**, International Journal of Computing and Digital Systems, Vol. 10 No. 1, pp. 1063–1074, Dec 2021. http://dx.doi.org/10.12785/ijcds/100196(Indexed in SCOPUS).

4. J. Ramkumar, R. Vadivel, **Whale Optimization Routing Protocol for Minimizing Energy Consumption in Cognitive Radio Wireless Sensor Network**, International Journal of Computer Networks and Applications, Vol. 8, No. 4, pp. 455-464, Aug 2021.https://doi.org/10.22247/ijcna/2021/209711 (Indexed in SCOPUS).

5. M. Lingaraj, T. N. Sugumar, C. Stanly Felix, J. Ramkumar, **Query Aware Routing Protocol for Mobility Enabled Wireless Sensor Network**, International Journal of Computer Networks and Applications, Vol. 8, No. 3, pp. 258-267, Jun 2021.https://doi.org/10.22247/ijcna/2021/209192 (Indexed in SCOPUS).

6. M. Lingaraj, A. Senthilkumar, J. Ramkumar, "**Prediction of Melanoma Skin Cancer using Veritable Support Vector Machine**, Annals of the Romanian Society for Cell Biology, Vol. 25, No. 4, pp. 2623–2636, Apr 2021.

7. J. Ramkumar, R. Vadivel, **Improved Wolf Prey Inspired Protocol for Routing in Cognitive Radio Ad Hoc Networks**, International Journal of Computer Networks and Applications, Vol. 7, No. 5, pp. 126-136, Oct 2020.https://doi.org/10.22247/ijcna/2020/202977 (Indexed in SCOPUS).

8. J. Ramkumar, R. Vadivel, **Meticulous Elephant Herding Optimization Based Protocol for Detecting Intrusions in Cognitive Radio Ad Hoc Networks**, International Journal of Emerging Trends in Engineering Research, Vol. 8, No. 8, pp. 4548-4554, Aug 2020.https://doi.org/10.30534/ijeter/2020/82882020 (Indexed in SCOPUS).

9. J. Ramkumar, R. Vadivel, **Bee Inspired Secured Protocol for Routing in Cognitive Radio Ad Hoc Networks**, Indian Journal of Science and Technology, Vol.13, No. 30, pp. 3059-3069, Aug 2020.https://doi.org/10.17485/IJST/v13i30.1152 (Indexed in WoS).

10. J. Ramkumar, R. Vadivel, **Performance Modeling of Bio-Inspired Routing Protocols in Cognitive Radio Ad Hoc Network to Reduce End-to-End Delay**, International Journal of Intelligent Engineering and Systems, Vol. 12, No. 1, pp. 221-231, Feb 2019.https://doi.org/10.22266/ijies2019.0228.22 (Indexed in SCOPUS).

11. J. Ramkumar, R. Vadivel, **Improved Frog Leap Inspired Protocol (IFLIP) – for Routing in Cognitive Radio Ad Hoc Networks (CRAHN)**, World Journal of Engineering, Vol. 15, No. 2, pp. 306-311, Apr 2018. https://doi.org/10.1108/WJE-08-2017-0260 (Indexed in SCOPUS).

12. J. Ramkumar, R. Vadivel, **Ad-Hoc Network and its Types - An Overview**, AJANTA, Vol. 7, No. 2, Part. 4, pp. 18-23, Jun 2018, (UGC).

13. J. Ramkumar, R. Vadivel, **Performance Metrics of Cognitive Radio Ad Hoc Network (CRAHN): A Survey**, AJANTA, Vol. 7, Issue 2, Part 1, pp. 20-29, Jun 2018, (UGC).

Book Chapter Publication

1. R. Vadivel, J. Ramkumar. **QoS-Enabled Improved Cuckoo Search-Inspired Protocol (ICSIP) for IoT-Based Healthcare Applications**, in Incorporating the Internet of Things in Healthcare Applications and Wearable Devices, IGI Global, Chapter 6, pp. 109-121, 2020.

Book Publication

1. Atul Kumar, A. Clementking, Syed Masaid Zaman, **J. Ramkumar**, R. Karthikeyan, Mohit Tiwari, Recent Trends and Innovations in Information Technology (RTIIT), Association of Global Academicians and Researchers Publications, ISBN: 978-81-950236-1-5, Oct 2021.

Patent

1. Pravin R. Kshirsagar, J. Ramkumar et al., A Cloud Computing Based System for Remote Surveillance of Hazardous Activities, Application Number: 202021026856.

Presentations in Conference

1. M. Lingaraj, A. Senthilkumar, **J. Ramkumar**, "Performance Enhancement of Wireless Sensor Network using Feisty Particle Swarm Optimization Protocol", 4th International Conference on Information Management & Machine Intelligence (ICIMMI-2022), Poornima Institute of Engineering & Technology, Jaipur, India. Dec 23-24, 2022.

2. **J. Ramkumar**, C. Kumuthini, B.Narasimhan, S. Boopalan. "Energy Consumption Minimization in Cognitive Radio Mobile Ad-Hoc Networks using Enriched Ad-hoc On-demand Distance Vector Protocol", 2022 International Conference on Advanced computing Technologies and Applications (ICACTA 2022), Sri Krishna College of Engineering and Technology, Coimbatore, India. March 4 - 5, 2022.

3. P. Menakadevi, **J. Ramkumar**. "Robust Optimization Based Extreme Learning Machine for Sentiment Analysis in Big Data", 2022 International Conference on Advanced computing Technologies and Applications (ICACTA 2022), Sri Krishna College of Engineering and Technology, Coimbatore, India. March 4 - 5, 2022.

4. **J. Ramkumar**, M. Lingaraj, A. Senthilkumar. "Advanced Optimization Based Security for Cloud Computing", Two Day International Virtual Conference on World of Machine Learning and Artificial Intelligence in Digital Era, Sankara College of Science and Commerce, Coimbatore, India. May 29 - 30, 2020.

5. **J. Ramkumar**, R. Vadivel. "An Overview of Security Attack in Cognitive Radio Ad Hoc Network (CRAHN)", International Conference on Computational Intelligence and Data Science, Sankara College of Science and Commerce, Coimbatore, India. Oct 10, 2018.

6. **J. Ramkumar**, R. Vadivel. "Ad-Hoc Network and its Types – An Overview", International Multidisciplinary Conferences on Economics, Commerce, Management, Social Sciences, Humanities, Engineering and Environmental Concerns and Language, Education, Literature and Culture, Hotel Kohinoor Continental, Mumbai, India. Jun 11, 2018.

7. **J. Ramkumar**, R. Vadivel. "Performance Metrics of Cognitive Radio Ad Hoc Network (CRAHN): A Survey", International Multidisciplinary Conferences on Economics, Commerce, Management, Social Sciences, Humanities, Engineering and Environmental Concerns and Language, Education, Literature and Culture, Hotel Kohinoor Continental, Mumbai, India. Jun 11, 2018.

8. **J. Ramkumar**, R. Vadivel. "CSIP - Cuckoo Search Inspired Protocol for Routing in Cognitive Radio Ad Hoc Networks", International Conference on Computational Intelligence in Data Mining (ICCIDM) – 2016, KIIT University, Bhubaneswar, India. Dec 10-11, 2016.

9. **J. Ramkumar**, R. Vadivel. "FLIP: Frog Leap Inspired Routing Protocol for Routing in Cognitive Radio Ad Hoc Networks", International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016), Jaipur National University, Jaipur, India. Mar 17-19, 2016, Page 248.

10. B. Narasimhan, T. R. Anand, **J. Ramkumar**. "PTOR based Comparison of Google, AWS, EMC Clouds", Second International Conference on Research Trends in Computer Technologies (ICRTCT-2014), Dr. N.G.P Arts and Science College, Coimbatore, India. Jan 30 – 31, 2014, Pages 279-283.

11. **J. Ramkumar**, M. Lingaraj. "Mobility Models in Mobile Ad-Hoc Network", UGC sponsored National Conference on Web Science and Technology (NCWST-2012), PSG College of Arts and Science, Coimbatore, India. Oct 10-11, 2012.Page 31.

12. M. Lingaraj, **J. Ramkumar**. "Higher education in India: Challenges and opportunities", NAAC Sponsored Two Day National Seminar on Role of Stakeholders in Quality Enhancement in Higher Education, VLB Janakiammal college of Arts and Science, Coimbatore, India. Sept 14 - 15, 2012, Page 25.

13. **J. Ramkumar**, "Routing Protocols in Mobile Ad-Hoc Networks", National Conference on Computer Applications in service sector: Models and Methods (NCCASS 12), Dr. N.G.P. Arts and Science College, Coimbatore, India. Sep 7, 2012.

14. **J. Ramkumar**, R. Gayathri. "Optimality of QoS In MANET for Cluster of Systems" National Conference on Recent Trends and Advances in The Field of Information Technology (NCIT 2011), Karpagam University, Coimbatore, India. Sep 6, 2011, Page 71.

15. M. Nandhakumar, **J. Ramkumar**. "Evaluation of Ad-Hoc Wireless Sensor Networks for Switching Element Problem" ISRO Sponsored National Conference on Communication and Signal Processing (NCCSP 2011), Dr. SNS Rajalakshmi College of Arts & Science, Coimbatore, India. Jul 29 – 30, 2011, Pages 93-100.

16. **J. Ramkumar**, R. Gayathri. "Ways to Enhance the TCP Throughput in Wireless Networks with Elevated Delay Variability", ISRO Sponsored National Conference on Communication

and Signal Processing (NCCSP 2011), Dr. SNS Rajalakshmi College of Arts & Science, Coimbatore, India. Jul 29 – 30, 2011, Pages 163-169.

17. **J. Ramkumar**. "Optimization of Routing in Advanced Networks", Second Annual World Conference on International Business and Computer Applications, Nehru College of Management, Coimbatore, India. Jun 30 - Jul 2, 2011. Pages 109-114.

18. **J. Ramkumar**. "Certificate-Based Authentication Protocol in Mobile Ad-hoc Networks", AICTE Sponsored National Conference on Scientific Computing and Applied Mathematics (NCSCAM 2011), VLB Janakiammal College of Engineering and Technology, Coimbatore, India. Jun 29 – 30, 2011.

19. **J. Ramkumar**, R. Gayathri. "Design of High-performance Wifi LAN using Bulk Service Rule", International Conference on Communication and Signal Processing (ICCOS'11), Karunya University, Coimbatore, India. Mar 17 – 18, 2011, Pages 93-98.

20. **J. Ramkumar**, R. Gayathri. "End to End Improved Protection Mechanism for Short Message Service", UGC Sponsored National Conference on Data Warehousing and Data Mining (NCDWDM 2011), Gobi Arts & Science College, Coimbatore, India. Mar4 - 5, 2011, Pages 119-125.

21. **J. Ramkumar**, R. Gayathri. "Performance Comparison of Modern Advanced Wireless Networks", National Conference on Current Trends in Computing (NCCTC '11), Sri Krishna Arts and Science College, Coimbatore, India. Feb 12, 2011, Page 14.

22. **J. Ramkumar,** R. Gayathri. "Multicast Resource Routing Algorithms in Networks", One-Day National Conference on Computer Communication and Informatics (NCCCI 2011), RVS College of Arts and Science, Coimbatore, India. Feb11, 2011, Page 76.

23. **J. Ramkumar,** V. B. Kirubanand. "Performance Evaluation of Wibree LAN by using Extended Queueing Petri nets and Markov Algorithm along with Adaboost algorithm", 2010 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC 2010), Tamilnadu College of Engineering, Coimbatore, India. Dec 28 – 29, 2010, Page 174.

24. **J. Ramkumar**, V.B. Kirubanand. "Network performance management by using stable algorithms", 2010 2nd International Conference on Computer Technology and Development, Cairo, Egypt. Nov 2-6, 2010. Pages 692-696.

25. **J. Ramkumar**. "Performance Evaluation of Zigbee LAN by using Extended Queueing Petri nets and Markov Algorithm along with Adaboost algorithm", National Conference on Multimedia Signal Processing and Networking, Dr.N.G.P Institute of Technology, Coimbatore, India. Oct 30, 2010.

26. R. Kanagaraj, **J. Ramkumar**. "Security Mechanism for SMS", National Conference on Data Mining and Warehousing, VLB Janakiammal College of Arts and Science, Coimbatore, India. Jan30, 2010, Page 44.

Participation in Seminars

1. "International Seminar on Big Data and Digitalization", Pollachi College of Arts and Science, Pollachi, Sep 1, 2018.

2. "International Seminar on Research Performance Analysis and Strategy", Bharathiar University, Coimbatore, Feb 18, 2016.

3. "4th National Seminar on Challenges and Strategies in Research", SNS College of Engineering, Coimbatore, Jan 30, 2016.

4. "International Seminar on Cyber Security", Bharathiar University, Coimbatore, Mar 9, 2012.

5. "International Seminar on Research in Computers: Why, What and How?", Bharathiar University, Coimbatore, Feb 10, 2012.

6. "NAAC Sponsored National Level Seminar on Total Quality Management in Higher Education Institutions – Challenges and Perspectives", RVS College of Arts and Science, Coimbatore, Jan 27 & 28, 2012.

7. "One-day National Level Seminar on Recent Development and Milestones of Mathematics", Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore, Feb 16, 2007.

Participation in Workshop

1. 5 days Online Workshop and National FDP on "Research Methodology and ICT based Teaching and Learning Tools", Hindusthan College of Arts and Science, Coimbatore. Jun 16 - 20, 2020.

2. 5 days Online Workshop on "Simple Application Creation on Different Platforms using Multi-tier Architecture", Nehru Institute of Information Technology & Management, Coimbatore. May 18 - 22, 2020.

3. One-day virtual workshop on "Creation and Use of HTML based Quiz for E-content and Open Educational Resource (OER) development", Educational Learning Centre, Nagpur. May 18, 2020.

4. One Day Online Workshop for "Enhancing Research Communication Skills through ScienceDirect and Mendeley", Dayalbagh Educational Institute, Uttar Pradesh. May 3, 2020.

5. "Two Days Online Workshop on Basics of Research, Writing Research Papers, Academic Research Report Writing, Tools for Research", Sankara College of Science and Commerce, Coimbatore, Apr 9 – 10, 2020.

6. "Swayam Orientation Workshop for University Swayam Mentors", Bharathiar University, Coimbatore, Mar 20, 2018.

7. "IEEE Authorship Workshop: How to Publish a Technical Paper with IEEE", IEEE India Operations, Coimbatore Institute of Technology, Coimbatore, Oct 25, 2016.

8. "Workshop on Ethical Hacking", Rathinavel Subramaniam College of Arts and Science, Sulur, Coimbatore, Feb 27, 2013.

9. "DRDO Sponsored Two Day Workshop on Cyber Security: IT Security Challenges in Ever Changing Global Era", Sri Krishna College of Technology, Coimbatore, January 9-10, 2013.

Participation in Orientation Programme / Short Term Courses

1. AICTE-ISTE Six Day Online Refresher Program on "Deep Learning & Cyber Security - Phase I", Madanapalle Institute of Technology & Science, Andhra Pradesh, Feb 22-27, 2021.

Participation in Faculty Development Programme

1. Online Faculty Development Programme on "Tips & Tricks of Research Publication, Patent Filing and Research Grant", Kings Engineering College, Chennai. June 10 - 12, 2020.

2. Online Faculty Development Programme on "Big Data Engineering", Kings Engineering College, Chennai. Jun 1 - 5, 2020.

3. Online Faculty Development Programme on "Operations Management: Developing New Perspective in the Era of AI/ML", Meerut Institute of Technology, Meerut. May 30 - Jun 4, 2020.

4. Five Days Online National Faculty Development Programme on "ICT based Teaching and Learning Process", Hindusthan College of Arts and Science, Coimbatore. Jun 1 - 5, 2020.

5. One-day Faculty Development Program on "Artificial Intelligence and Machine Learning A Sneak Peek" and "SEBI Regulations for Protecting the Interest of the Investors of Listed Entities", VELS Institute of Science, Technology & Advanced Studies, Chennai. Jun 2, 2020.

6. Six days Online Faculty Development Program on "Emerging Trends in Engineering and Management", Coimbatore Institute of Engineering and Technology, Coimbatore. May 27 - Jun 1, 2020.

7. A Two-Day E-Faculty Development Program on "Virtual Teaching - Learning MOODLE The Efficient Way", Dr.M.G.R Educational And Research Institute, Chennai. May 29 - 30, 2020.

8. 3 - Day Online Faculty Development Programme on "E-Content Development Using Open Source Tools", Dr. M.G.R. Educational and Research Institute, Chennai. May 27 - 29, 2020.

9. Online Faculty Development Programme on "Fundamentals of Arduino", Dharmamurthi Rao Bahadur CalavalaCunnan Chetty's Hindu College, Chennai. May 29, 2020.

10. Online Faculty Development Programme on "Digital Transformation", M.O.P. Vaishnav College for Women, Chennai. May 27, 2020.

11. Faculty Development Program on "Enhancement of Knowledge and Skills through Scientific Lectures", PSGR Krishnammal College for Women, Coimbatore. May 25 - 26, 2020.

12. Two Day Faculty Development Program on "Cyber Security & Malware Analysis", CMR Engineering College, Hyderabad. May 26 - 27, 2020.

13. Faculty Development Programme on "Machine Learning", Rathinam College of Arts and Science, Coimbatore. May 26, 2020.

14. Faculty Development Programme on "Network Simulation and Protocol Analysis using NS2 NSG-2.1 and Wireshark", Narasumha Reddy Engineering College, Secunderabad. May 23 - 25, 2020.

15. 7 days Online Faculty Development Programme on "Data Science", NallamuthuGounder Mahalingam College, Pollachi. May 18 - 24, 2020.

16. Seven Days Faculty Development Programme on "Teaching in Globally Connected World", NGM College, Pollachi. May 18 - 24, 2020.

17. One-week National Level Online Faculty Development Programme on "Mastering the Art of Handling Post Covid Challenges for Sustainable Development", Dr. M.G.R Educational and Research Institute, Chennai. May 19 - 23, 2020.

18. Online Faculty Development Program "Are You IoT Ready? Join Configuration of Smart Home using CISCO Packet Tracer", Jain University, Bangalore. May 23, 2020.

19. Faculty Development Programme-Webinar on "Applications of Data Analytics in Data Science", National College, Trichy. May 21 - 22, 2020.

20. Online Short Term Training Program on "MATLAB based Teaching-Learning in Mathematics, Science & Engineering", RamraoAdik Institute of Technology, Mumbai. May 18 - 22, 2020.

21. Online Faculty Development Program titled "Building Web Application using Java Spring", AarupadaiVeedu Institute of Technology (AVIT), Chennai. May 21, 2020.

22. Online Faculty Development Program titled "Machine Learning and Artificial Intelligence in a brave New World", AarupadaiVeedu Institute of Technology (AVIT), Chennai. May 20, 2020.

23. International Level Faculty Development Programme on "Personality & You" (Personal Development & Motivation), Reena Mehta College of Arts, Science, Commerce & Management Studies, Maharashtra. May 20, 2020.

24. National Level Online Faculty Development Programme on Machine Learning Using Python, Poornima Institute of Engineering & Technology, Jaipur. May 19 - 22, 2020.

25. Faculty Development Program Digital Learning Series on the theme "Connected World- a Reality with IOT", Sri Ramakrishna College of Arts & Science for Women, Coimbatore. May 20, 2020.

26. Faculty Development Program Digital Learning Series on the theme "Role of Artificial Intelligence in World Health Crisis", Sri Ramakrishna College of Arts & Science for Women, Coimbatore. May 18, 2020.

27. Two Days Faculty Development Programme on "Project Proposal for Funding Agencies (UGC STRIDE & ICSSR IMPRESS): Preparation & Submission Protocol", Patrician College of Arts and Science, Chennai. May 16 & 17, 2020.

28. Online Faculty Development Programme on "Computational Intelligence", PSG College of Arts and Science, Coimbatore. May 12 - 16, 2020.

29. Faculty Development Programme on "Augmented Reality & Virtual Reality", Dr.M.G.R Educational and Research Institute, Chennai, May 15, 2020.

30. Faculty Development Programme on "Big Data Analytics for Business", Hindusthan College of Arts and Science, Coimbatore, May 8, 2020.

31. Faculty Development Programme on "Encountering Challenges in Research", Hindustan College of Arts and Science, Coimbatore, May 7, 2020.

32. Faculty Development Programme on "Machine Learning using Python", Vels Institute of Science, Technology and Advanced Studies, Chennai, May 4, 2020.

33. "One Day Online Faculty Development Program on Machine Learning", Santhiram Engineering College, Andhra Pradesh, May 2, 2020.

34. Faculty Development Programme on "Art of Writing Research Article in Hi-Indexed Journals", Nehru Arts and Science College, Coimbatore, Apr 29-30, 2020

35. Three Day National Level Online Faculty Development Programme on "Recent Trends in Artificial Intelligence and Impact on Teaching Professionals", Rathnavel Subramaniam College of Arts and Science, Coimbatore, Apr 22-24, 2020.

36. "Faculty Development Programme on Bio Computational Methods using Python and Perl", PSGR Krishnammal College for Women, Coimbatore, Mar 6, 2018.

37. "Two Days Faculty Development Program on IBM Blue Mix", ICT Academy of Tamilnadu, Angel College of Engineering and Technology, Tirupur, Nov 30 & Dec 1, 2015.

38. "National Level Faculty Development Programme (FDP 2013)", Kongunadu Arts and Science College, Coimbatore, Aug 17, 2013.

Editorial / Review Board Member in International Journals

1. Review Board Member, The Journal of Supercomputing, ISSN: 0920-8542, E-ISSN: 1573-0484, (SCIE Indexed Journal)

2. Review Board Member, Journal of Ambient Intelligence and Humanized Computing, ISSN: 1868-5137, E-ISSN: 1868-5145, (SCIE Indexed Journal)

3. Review Board Member, Concurrent Engineering: Research and Applications, ISSN: 1063-293X, E-ISSN: 1531-2003, (SCIE Indexed Journal)

4. Review Board Member, Wireless Personal Communication, ISSN: 0929-6212, E-ISSN: 1572-834X, (SCIE Indexed Journal)

5. Review Board Member, Journal of Intelligent & Fuzzy Systems, ISSN: 1064-1246, E-ISSN: 1875-8967, (SCIE Indexed Journal)

6. Review Board Member, Bulletin of Electrical Engineering and Informatics (BEEI), ISSN: 2089-3191, E-ISSN: 2302-9285, (SCOPUS Indexed Journal).

7. Review Board Member, Indonesian Journal of Electrical Engineering and Computer Science (IJEECS), ISSN: 2502-4752, E-ISSN: 2502-4760, (SCOPUS Indexed Journal).

8. Review Board Member, IAES International Journal of Artificial Intelligence (IJ-AI), ISSN: 2089-4872, E-ISSN: 2252-8938, (SCOPUS Indexed Journal).

9. Review Board Member, World Journal of Engineering, ISSN: 1708-5284, (SCOPUS Indexed Journal).

10. Review Board Member, International Journal of Computer Networks and Applications (IJCNA), ISSN: 2395-0455, (SCOPUS Indexed Journal).

11. Review Board Member, International Journal of Electrical and Computer Engineering (IJECE), ISSN 2088-8708, E-ISSN 2722-2578, (SCOPUS Indexed Journal).

12. Review Board Member, International Journal of Power Electronics and Drive Systems (IJPEDS), ISSN: 2088-8694, E-ISSN 2722-256X, (SCOPUS Indexed Journal).

13. Review Board Member, IAES International Journal of Robotics and Automation (IJRA), ISSN 2089-4856, E-ISSN 2722-2586, (SCOPUS Indexed Journal).

14. Review Board Member, International Journal of Informatics and Communication Technology (IJ-ICT), ISSN: 2252-8776, E-ISSN 2722-2616, (SCOPUS Indexed Journal).

15. Review Board Member, Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications, ISSN: 2093-5374, E-ISSN: 2093-5382, (SCOPUS Indexed Journal).

16. Review Board Member, Journal of Computational and Theoretical Nanoscience, ISSN: 1546-1955, EISSN: 1546-1963, (SCOPUS Indexed Journal).

17. Review Board Member, TELKOMNIKA (Telecommunication, Computing, Electronics and Control) ISSN: 1693-6930, E-ISSN: 2302-9293, (SCOPUS Indexed Journal).

18. Indian Journal of Science and Technology, ISSN: 0974-6846, E-ISSN: 0974-5645, (WoS Indexed Journal).

Editorial / Review Board Member in International Conferences

1. Review Board Member, 2021 International Conference on Sustainable Engineering and Creative Computing (ICSECC), Engineering and Computing Faculty of President University, Cikarang, Indonesia, Dec 14-15, 2021.

2. Review Board Member, 2021 IEEE 5th International Conference on Information Technology, Information Systems and Electrical Engineering (ICITISEE), Department of Electrical Engineering and Information Technology, Universitas Gadjah Mada (DTETI UGM) and UniversitasAmikom Yogyakarta, Indonesia, Nov 24-25, 2021.

3. 2021 International Conference on Computer Science, Information Technology and Electrical Engineering, Faculty of Computer Science, University of Jember, Banyuwangi, Indonesia, Oct 27-28, 2021.

4. Review Board Member, 2021 International Conference on Computer Science, Information Technology and Electrical Engineering, Faculty of Computer Science, University of Jemberand Technically Co-Sponsored by IEEE Indonesia Section and IEEE The Indonesia Section Computer Society Chapter, Oct 27-28, 2021.

5. 4th International Conference on Information and Communications Technology 2021 (4th ICOIACT 2021), Universitas AMIKOM Yogyakarta, Indonesia, Aug 30-31, 2021.

6. Review Board Member, 1st International Conference on Information System and Information Technology 2022 (1st ICISIT 2022), UniversitasMercuBuana, Yogyakarta, Indonesia, Jul 27-28, 2022.

7. Review Board Member, 4th International Seminar on Research of Information Technology and Intelligent Systems 2021 (ISRITI), STMIK AKAKOM Yogyakarta, Indonesia, Dec 16-17, 2021.

8. Review Board Member 2021 Sixth International Conference on Image Information Processing (ICIIP-2021),Jaypee University of Information Technology, India, Nov 26-28, 2021.

9. Review Board Member, 2021 International Conference on Data Analytics for Business and Industry: Way Towards a Sustainable Economy, University of Bahrain, Oct 25-26, 2021.

10. Review Board Member 2021 8th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2021), Universitas Islam Sultan Agung, Oct 20-21, 2021.

11. Review Board Member, 2021 International Conference on Innovation and Intelligence for Informatics, Computing and Technologies (3ICT 2021), College of Information Technology, University of Bahrain, Sep 29-30, 2021

12. Review Board Member, 2021 IEEE Asia Pacific Conference on Circuits and Systems (APCCAS), IEEE Circuits and Systems Society in Asia and Pacific Region, Malaysia, Nov 22 – 26, 2021.

13. Review Board Member, 2021 International Conference on Artificial Intelligence and Computer Science Technology (ICAICST), InstitutTeknologi Tangerang Selatan, Indonesia, Jun 29-30, 2021

14. Review Board Member, 2021 3rd International Conference on Electronics Representation and Algorithm (ICERA), STMIK EL RAHMA Yogyakarta, Indonesia, Jul 29–30, 2021.

15. Review Board Member, 2020 8th IEEE Conference on Systems, Process and Control (ICSPC2020), IEEE Malaysia Section Control Systems Chapter, Melaka, Malaysia, Dec 12, 2020.

16. Review Board Member, 2020 3rd International Seminar on Research of Information Technology and Intelligent Systems (ISRITI), STMIK AKAKOM, Yogyakarta, Indonesia, Dec 10, 2020.

17. Review Board Member, 2019 IEEE 10th Control and System Graduate Research Colloquium (ICSGRC), Faculty of Electrical Engineering, UNIVERSITI TEKNOLOGI MARA, Shah Alam, Malaysia, Aug 2-3, 2019.

18. Scientific Committee Member, International Conference on Human Machine Interaction 2013 [HMI2013], SETIT of University of Sfax, Tunisia and Association of Scientists, Developers and Faculties [ASDF] of Techno Forum Group, India., Chennai, India, Mar 25-27, 2013

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
International Association of Engineers and Scientists (IAEST)	Senior Member	Life-Time
Universal Association of Computer and Electronics Engineers (UACEE)	Senior Member	Life-Time
Internet Society (ISOC)	Chapter Member	Life-Time
International Association of Computer Science and Information Technology (IACSIT)	Member	Life-Time
Academy & Industry Research Collaboration Center (AIRCC).	Member	Life-Time
International Economics Development Research Center (IEDRC),	Member	Life-Time
International Association of Engineers (IAENG),	Member	Life-Time