Name : Dr. R. Senthil Kumar

Designation : Professor

Department : Computer Science with Cognitive Systems

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

Experience : Teaching: 18.5 Years   Research: 13 Years

Area of Specialization(s): Computer Networks, MANETs, IoT, Deep Learning

Email (Personal) : senthilkumar.r@drngpasc.ac.in

Mobile Number : +91 97901 89828

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Application (Part Time)	Anna University, Chennai	2014
M.B.A.	Administration (Distance)	Periyar University, Salem	2010
M.C.A.	Computer Applications (Full Time)	Periyar University, Salem	2007
B.Sc.	Computer Science (Full Time)	Bharathiar University, Coimbatore	2004

Fellowship

Fellowship Name	Research Title	Agency / Institute	Venue	Date
INSA-Visiting Scientist Programme 2021	IoT based Crop Recommendation Model	Indian National Science Academy, New Delhi	CSIR-Central Mechanical Engineering Research Institute, Durgapur	2 Months

Online Certifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
NPTEL	Internet of Things	IIT, Kharagpur	2020

Internship/Training

Title	Institution/University/Agency Name	Duration
Machine Learning with Artificial Intelligence & IoT Using AWS	Finland Labs (A Unit of Revert Technology Pvt. Ltd.)	03 - 28 May 2021

Grants Received

S.No.	Title	Funding Agency	Year	Amount
1.	Quantum Technologies and AI Applications: A New Era for the Life Sciences and Healthcare	**DBT** New Delhi	2025-26	**Rs. 1,50,000**
2.	Quantum Machine Learning (QML) for Cybersecurity: Opportunities and Challenges	**ANRF- SERB** New Delhi	2025-26	**Rs. 1,00,000**
3.	Design of Internet of Things (IoT) Solutions for Sustainable Environment (FDP)	**AICTE** New Delhi	2024-25	**Rs. 3,50,000**
4.	Artificial Intelligence (AI) Innovations for Advanced Biological Science and Research	**DBT** New Delhi	2024-25	**Rs. 75,000**
5.	Assessment of Based Water Utilization Using Artificial Intelligence (AI) Solutions for Selected Crops	**Seed Money DRNGPASC**	2023-24	**Rs. 1,05,360**
6.	IoT Cyber Security: Challenges and Solutions for Social and Real-Life Applications (Seminar)	**ICSSR** New Delhi	2023-24	**Rs. 90,000**
7.	AI Solutions for Farmer Safety and Security in India	**DST-SERB** New Delhi	2023-24	**Rs. 75,000**
8.	Workshop on Advanced Artificial Intelligence (AI) Methods in Breast Cancer Diagnosis and Clinical Research	**ICMR** New Delhi	2022-23	**Rs. 1,22,000**
9.	AI and IoT for Agriculture Innovation and Environment Sustainability	**DBT** New Delhi	2022-23	**Rs. 25,000**
10.	IoT Based College Bus Tracking and Surveillance	**Seed Money DRNGPASC**	2021-22	**Rs. 8,798**
11.	Study and Implementation of IoT Based Bore Well Water Quality Monitoring System	**Seed Money DRNGPASC**	2021-22	**Rs. 5,000**

Patent

Title	Status	Year
IoT based college bus tracking and surveillance	Published	2024
Chronic Kidney Disease Detection Using Machine Learning Techniques	Published	2024

Research Guidance

Programme	No. of Scholars	
	Awarded	**Pursuing**
Ph. D.	-	04
M. Phil.	-	-

Journal Publications

1. Senthil Kumar R, Selvanayaki Kolandapalayam Shanmugam, J. Lokeshwari, "Enhancing Explainability and Ethical Decision-Making in AI with a Hybrid Approach of Reinforcement Learning and Attention Mechanisms, International Journal of Engineering Trends and Technology, Volume 73, Issue 6, June ,2025. https://doi.org/10.14445/22315381/IJETT-V73I6P107 **- Scopus Indexed.**

2. Kavitha K, Senthil Kumar R, "Artificial Intelligence and Agricultural Biotechnology for Sustainable Farming Practices", International Journal of Civil, Environmental and Agricultural Engineering, Volume 6, Issue 2 (Dec. 2024), 13-26. DOI: https://doi.org/10.34256/ijcci2422.

3. Kavitha K, Senthil Kumar R, Nishanthini S. R "Crop Prediction using Supervised Learning", International Journal of Civil, Environmental and Agricultural Engineering" Volume 6, Issue 2 (Nov. 2024), 1-12. DOI: https://doi.org/10.34256/ijcci2421.

4. R. Senthil Kumar, A. Abiraman," A Comprehensive Analysis on Crop Yield Prediction using Advanced Machine Learning Techniques", African Journal of Biological Sciences (AFJBS), Volume 6, Issue 14, August -2024- **Scopus Indexed.**

5. Dr. Selvanayaki Kolandapalayam Shanmugam, Dr. R. Senthil Kumar R, Karthiba Loganathan, Venkatesa Palanichamy Narasimma Bharathi, Muralisankar Perumal "Foliar Diseases Diagnosis in Black Gram (Vigna Mungo L.) Using Deep Learning Model, GJCST, Volume 24, Issue 1,2024-**Impact Factor -2.33**

6. Dr. R. Senthil Kumar, Dr. Selvanayaki Kolandapalayam Shanmugam, Prof. J. Shyamala Devi, Quantum Computing – A Tech Story, International Research Journal of Engineering and Technology (IRJET)-Volume: 10 Issue: 11, Nov 2023- **SJIF:8.226**

7. Dr. R. Senthil Kumar, Dr. Rajesh P. Barnwal, Instance Segmentation Based Precise Object Detection in UAV Images using Mask R-CNN, International Journal of Systematic Innovation- Volume 7(6), pp.12-19(2023) **-** DOI: 10.6977/IJoSI.202306_7(6).0002 -**Scopus Indexed.**

8. Dr. R. Senthil Kumar, Mrs. S. Revathy" Malicious Posts Detection Using Emotions and Reputation on Facebook Data", International Journal of Research and Analysis in Science and Engineering, Volume 2, Issue 1; Jan2022, ISSN: 2582-8118

9. R. Senthil Kumar, B. Surya, Smart Parking Application Using Deep Learning Framework, International Journal of Scientific Research in Network Security and Communication, Vol.8, Issue.4, pp.1-5, 2020.

10. R. Senthil Kumar, Performance Analysis of Hadoop System using Searching Algorithm in Big Data, Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 05-Special Issue, 2018, ISSN 1943-023X.

11. R. Senthil Kumar, Jithin Kumar. K. P, Analysis of Student Performance Based on Classification and MapReduce Approach in Big Data, International Journal of Pure and Applied Mathematics (IJPAM), Volume 118 No. 14, pp.141-148,2018, ISSN:1311-8080-**Scopus Indexed**

12. R. Senthil Kumar, Abhilash, A Secured Cloud Storage System for MHR Using Role- Based Access Policy, International Journal of Pure and Applied Mathematics (IJPAM)" Volume 118No. 14, pp. 91-97, Mar-2018, ISSN: 1311-8080- **Scopus Indexed**.

13. R. Senthil Kumar, Enhancement of AODV Protocol Based on Energy Level in MANETs, International Journal of Pure and Applied Mathematics (IJPAM)" Volume 118 No. 7, pp.425- 430, Feb-2018, ISSN: 1311-8080-**Scopus Indexed.**

14. Dr. R. Senthil Kumar, Optimal Load Balancing in WLAN Using Load Balancing Algorithm, International Journal of South Asian Journal of Engineering and Technology, Vol.2, No.17 (2016) pp.39–50, ISSN No:2454-9614.

15. Dr. R. Senthil Kumar, Performance Analysis of Secure Power Aware Routing Protocols in MANET, in the Proceedings (ICETETS-2016) by Kings College of Engineering, Thanjavur, IEEE-2016, PP.117-123.

16. Dr. R. Senthil Kumar, Image Robber Using Wavelet Transformation and HUE Histogram, International Journal of Innovative Research in Science Engineering and Technology, Volume-4, Special Issue-6, May 2015.-Impact Factor-5.442.

17. Dr. R. Senthil Kumar, Trust Management Using LVZC and Probabilistic Methods for Security Enhancement in MANETS**,** International Journal of Applied Engineering Research", Volume-10. No.41, pp.30336-30371, 2015, ISSN: 0973-4562- **Scopus Indexed**.

18. Dr. R. Senthil Kumar, Performance Evaluation of Secure Power Aware RoutingProtocols in MANET**,** International Journal of Advanced Computer Applications (IJACA), Volume- 4, Issue-1, pp.38-43, March-2015, ISSN: 2231-251X.

19. Dr. R. Senthil Kumar, Online Book Shopping Using Semantic Similarities, International Journal of Applied Engineering Research, Volume-10. No.1, pp.8-12, 2015, ISSN: 0973-4562- **Scopus Indexed**.

20. R. Senthil Kumar, Dr. C. Sureshkumar, Cluster Based AODV Protocol to Minimizing the Route Rediscovery Process and To Improve the Lifetime of Networks in MANET, Journal of International Review on Computers and Software (I. RE.CO.S), Vol-9, Issue-1, pp.38- 47, January 2014, ISSN:1828-6003**- Scopus Indexed.**

21. R. Senthil Kumar, Dr. C. Sureshkumar, Minimizing the Route Rediscovery Process in MANET, Journal of Theoretical and Applied Information Technology, Vol- 61, Issue-3, pp.496-505, March 2014, ISSN: 1992-8645- **Scopus Indexed.**

22. R. Senthil Kumar, Dr. P. Kamalakkannan, A Novel Energy Based Routing Algorithm to Reduce Link Break in Mobile Ad Hoc Networks, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol-2, Issue-5, April 2013, ISSN: 2278-3075- **Scopus Indexed.**

Presentations in International Conference

1. Quantum Machine Learning for Non-Communicable Disease Classification: A Comprehensive Review in Three days IEEE 4th International Conference for Advancement in Technology (ICONAT 2025) organized by the Rajarambapu Institute of Technology (RIT), Sangli, Maharashtra, India held on July 19-21, 2025 – **IEEE *Xplore* - Scopus Indexed.**

2. Potato Leaf Disease Analysis using CNN Algorithm: A Comparative Study in Two days IEEE Sponsored World Conference on Applied Intelligence and Computing (AIC 2025) organized by the Institution of Electronics and Telecommunication Engineers (IETE), Delhi Centre, India held on July 26-27, 2025 – **IEEE *Xplore* - Scopus Indexed.**

3. AI-Powered Privacy Preservation: A Novel Framework for Adaptive Data Protection in Two days IEEE Sponsored International Conference on Computing and Data Analytics (ICCDA-2024), organized by the College of Computing and Information Sciences, University of Technology and Applied Sciences (UTAS) – Shinas, Oman. held on November 12-13, 2024 – **IEEE *Xplore* - Scopus Indexed.**

4. A Review on Internet of Things (IoT): Parkinson's Disease Monitoring Device in Two days DST-SERB Sponsored International Conference on Internet of Everything and Quantum Information Processing (IEQIP-2023) held at Koneru Lakshmaiah Education Foundation, India during 24-25 November 2023- **Springer - Scopus Indexed.**

5. IoT Based Realtime PH Monitoring for College Gardening in Two days International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA), organized by the Department of Computing, KPR College of Arts Science and Research, 03-04 February, 2023.

6. IoT Enabled Soil Moisture Monitoring System for Agriculture in Two days International Conference on Computing and Intelligent System (ICCIS'21) jointly organized by the Department of Computer Science / Computer Applications / Information Technology / Computer Technology, Sri Krishna Adithya College of Arts and Science, 25th to 26th August, 2021.

7. Optimal Load Balancing in WLAN Using Load Balancing Algorithm, International Conference on Emerging Trends in Science Engineering & Technology (ICETSET-2016), Nandha College of Technology, Erode,04-Mar-16 to 05-Mar-16.

8. Performance Analysis of Secure Power Aware Routing Protocols in MANET, International Conference on "Emerging Trends in Engineering, Technology and Science (ICETETS-2016), Kings College of Engineering, Thanjavur, 24-Feb-2016 to26-Feb-2016.

9. Research Issues on Mobile Ad Hoc Networks" in (Computer Summit 2015), Narasu's Sarathy Institute of Technology, Salem, 29-Dec-2015.

10. Image Robber using Wavelet Transformation and Hue Histogram, International Conference on" Multicon'15", Muthayammal Engineering College, Namakkal, 29-April-2015

11. Performance Evaluation of Secure Power Aware Routing Protocols in MANET, International Conference on "Computational Intelligence and Big Data Analytics" Jointly Vivekanandha Institute of Information and Management Studies and Mother Teresa Women's University, 06-Mar-15 to 07-Mar-15

12. Trust Management Using LVZC and Probabilistic Methods for Security Enhancement in MANETS, IEEE International Conference on Soft-computing and Network Security(ICSNS'15), SNS College of Technology in Association with Kyunpook National University, South Korea, Coimbatore, 25-Feb-2015 to 27-Feb-2015. - **Scopus Indexed.**

13. Online Book Shopping using Semantic Similarities, IEEE Sponsored 9th International Conference on Intelligent systems and Control (ISCO-2015), Karpagam College of Engineering, Coimbatore, 9th and 10-Jan-2015 - **Scopus Indexed.**

14. Ontology Based Serviced on Cloud Environment, International Conference on Big Data Analysis and Distributed Systems, Periyar University College of Arts & Science, Pennagaram on 12- Sep-2014.

15. Predicting Earthquakes through Data Mining, National Conference on Issues and Trends in Advanced Computing (NITAC-2014), Bannari Amman Institute of Technology, Sathyamangalam,14-Mar-2014 to 15-Mar-2014

16. A Review and Design Study of Cross Layer Scheme Based Algorithm to Reduce the Link Break in MANET, International Conference on Pattern Recognition, Informatics and Mobile Engineering (PRIME-2013), Periyar University, Salem,21-Feb-2013 to 21-Feb-2013 - **IEEE** *Xplore* **- Scopus Indexed.**

17. An Improvised Framework for Content Based Search in Digital Libraries Using Ontology, National Conference on Issues and Trends in Advanced Computing (NITAC-2014),Bannari Amman Institute of Technology, Sathyamangalam,14-Mar-2014 to 15-Mar-2014**.**

18. Improved QoS Based on Reducing Route Rediscovery Process for MANET, International Interdisciplinary Research Seminar on "How to do Ph.D International Standards", organized by the Society of Green Engineering Technology and Science (SGETS) in Association with KPR Institute of Technology and Technology, Coimbatore, India & Jointly with Higher Education Academy London, United Kingdom,3-Aug-2013**.**

19. Performance Analysis of Traffic Models in MANETS Over Routing Protocols, International Conference and Workshop on Emerging trends in Technology, Thakur College of Engineering and Technology, Mumbai, 24-Feb-2012 to 24-Feb-2012.

20. Personalized RAODV Algorithm for Reduce Link Break in Mobile Ad Hoc Networks", International Conference on Advanced Computing (ICoAC), Anna University, Madras Institute of Technology Campus, Chennai, 13-Dec-2012 to15-Dec-2012 - **IEEE** *Xplore* **- Scopus Indexed.**

Presentations in National Conference

1. An Argument Quality of Service Based on Delay and Path Selection Durability in MANET, National Conference on Advances in Computer Technology and Applications, Vellalar College of Engineering and Technology, Erode, 26-Mar-2011.

2. Analysis on Various Back Propagation Conjugate Gradient Algorithms, (NCRTSC-2010), Thiagarajar School of Management, Madurai, 27-Feb-2010.

Book Chapters

1. Selvanayaki Kolandapalayam Shanmugam, J. Shyamala Devi, R. Suganya, and R. Senthil Kumar," Artificial Intelligence (AI) and Data Envelopment Analysis (DEA) in Healthcare: Bridging Efficiency and Precision Through Machine Learning" *Synergizing Data Envelopment Analysis and Machine Learning for Performance Optimization in Healthcare* by Adeyemi Abel Ajibesin, et al., **IGI Global**, 2025, pp. 33-50. https://DOI: 10.4018/979-8-3373-0081-8.ch001- **Scopus Indexed.**

2. M. Muthukrishnan, Senthil Kumar R., Ghouse Modin Nabeesab Mamdapur, and Senthilkumar K. R , "A Focused Bibliometric Analysis of Blockchain Research in India (2014-2023): A Decade of Transformation." *Leveraging Blockchain for Future-Ready Libraries,* edited by KR Senthilkumar, et al., **IGI Global**, 2025, pp. 33-50. https://doi.org/10.4018/979-8-3693-7783-3.ch002 - **Scopus Indexed.**

3. Lokeshwari, J., R. Senthil Kumar, "A Review on Internet of Things (IoT): Parkinson's Disease Monitoring Device", Proceedings of the International Conference on Internet of Everything and Quantum Information Processing. IEQIP 2023. Lecture Notes in Networks and Systems, vol 1029. **Springer**,2024, Cham. https://doi.org/10.1007/978-3-031-61929-8_10 - **Scopus Indexed.**

4. R. Senthil Kumar, Dr. A. Nirmala, **IOT, AI AND MACHINE LEARNING, E S N** Publications, Tamil Nadu, ISBN: 978-81-950423-5-7, First Edition, JAN 2021, PP: 97-104

Participation in Seminars

1. **Challenges and Strategies in Research**, SNS College of Engineering, Coimbatore, 13-Feb- 2013.

Participation in Workshop

1. **Scholarly Research Publications: Writing, Citations and Plagiarism (RPCP-16)**, Periyar University, Salem-11, 01-Feb-2016.

2. **Research Trends in Information Technology and Applications,** Adhiyamaan College of

Engineering (Autonomous), Hosur, 10-Dec-2014 to 11-Dec-2014.

3. **Recent Technologies in Data Warehousing,** Mahendra Engineering College (Autonomous), Namakkal, 23-Aug-2014

4. **Big Data Trends and Technologies,** Knowledge Institute of Technology, Salem, 14-Mar-2014 to15-Mar-2014.

5. **NS3 Simulator for Future Generation Wireless Networks**, Narasu'sSarathy Institute of Technology, Salem, 3-Mar-2012.

6. **Advanced Software Tools for Computer Science Research Scholars,** The Oxford College of Engineering, Bangalore,06-Dec-2012 to 08-Dec-2012.

7. **Knowledge Discovery-WEKA**, Narasu's Sarathy Institute of Technology, Salem, 17-Sep-2011.

8. **NS2 Simulator**, Angel College of Engineering and Technology, Tirupur, 09-Sep-2011 to 10-Sep-2011.

9. Participated in the Workshop on "**Mobile Computing Using Rough Set Theory**" Organized by the Department of Computer Science, Periyar University, Salem on 13.11.2010.

10. **RF-Wireless Communication System Design Using LabVIEW (RF-WCS LabVIEW,** Muthayammal Engineering College and ICT Academy of Tamil Nadu, Rasipuram, 25-Mar-2010 to 26-Mar-2010.

11. **Network Simulator (NS2) for Wired and Wireless Network Protocols,** VIT University, Vellore,11-Dec-2009 to 12-Dec-2009.

12. **High Impact Teaching Skills,Mission10X, WIPRO**, Sona College of Technology, Salem, 07-Sep-2009 to 08-Sep-2009.

13. **Network Simulators,** PSG College of Technology, Coimbatore,5- Dec-2009 to6- Dec-2009.

14. **Web services and J2EE Technologies,** Kongu Engineering College Erode,24-Jun-2008 to 24-Jun-2008.

Participation in Faculty Development Programme (FDP)

1. **TensorFlow for Machine Learning,** ICT Academy, Jun-24-2024 to Jun 29-2024

2. **Machine Learning and its Application,** University of Jammu, March 14-2023 to March 20-2023

3. **Android Development with Kotlin**, ICT Academy, July-26-2021 to July 30-2021

4. **Internet of Things (IoT),** Koneru Lakshmaiah Education Foundation, 14-Dec-2020 to 18-Dec-2020.

5. **Internet of Things (IoT),** SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE, 2-Nov-2020 to 6-Nov-2020.

6. **NACC Revised Accreditations Frame Work and OBE Assessment Methodology**, Dr, N.G.P. Arts and Science College, Coimbatore, 27-May-2019 to 02-June-2019.

7. **Data Structures and Design and Analysis of Algorithm**, Periyar University, Salem, 16-Nov-2018 to 17-Nov-2018.

8. **IBM CERTIFIED APPLICATION DEVELOPER – CLOUD PLATFORM**, Sree Vidyanikethan

Engineering College, Tirupati, 14-Nov-2016 to 16-Nov-2016.

9. **Data Science and Big Data Analytics,** Dhirajlal Gandhi College of Technology, Salem,04-April-2016 to 08-April-2016.

10. **MATLAB &IOT,** LIVEWIRE, 25-Jan-2016.

11. **Introduction to PHP,** Muthayammal Engineering College, Rasipuram, 08-Jan-2016 to 09-Jan-2016.

12. **Introduction to J2EE,** Narasus Sarathy Institute of Technology, Salem,23-July-2015 to 24-July-2015.

Conference / Seminar / Workshop /FDP Organized

1. Organizing Secretary, Artificial Intelligence (AI) Innovations for Advanced Biological Science and Research, Dr. N.G.P. Arts and Science College, Coimbatore, December 27, 2024

2. Coordinator, Design of Internet of Things (IoT) Solutions for Sustainable Environment, Dr. N.G.P. Arts and Science College, Coimbatore, September 02-07, 2024

3. Organizing Secretary, IoT Cyber Security: Challenges and Solutions for Social and Real-Life Applications, Dr. N.G.P. Arts and Science College, Coimbatore, January 05, 2024

4. Organizing Secretary, AI Solutions for Farmer Safety and Security in India, Dr. N.G.P. Arts and Science College, Coimbatore, July 21, 2023

5. Organizing Secretary, Advanced Artificial Intelligence (AI) Methods in Breast Cancer Diagnosis and Clinical Research, Dr. N.G.P. Arts and Science College, Coimbatore, November 26, 2022.

6. Organizing Secretary, National Conference on AI and IoT for Agriculture Innovation and Environment Sustainability, Dr. N.G.P. Arts and Science College, Coimbatore, August 25-26, 22.

7. Organizing Secretary, National Seminar on The Future Artificial Intelligence and Machine Learning Tools its Applications for Rural Healthcare: A New Paradigm, DR. N.G.P. Arts and Science College, Coimbatore, 14-Feb-20.

8. Organizing Secretary, National Conference on Computing Innovations, Padmavani Arts and Science College for Women, Salem, 5&6-oct-18.

9. Convener, National Conference on workshop on Anticipated Integration of Middleware Applications, Narasu's Sarathy Institute of Technology, Salem, 8th March 2014.

10. Convener, National Conference on workshop on Recent Trends in .Net Applications, Narasu's Sarathy Institute of Technology, Salem, 18th September 2014.

11. Convener, National Conference on Seminar on Recent Trends in Cloud Applications, Narasu's Sarathy Institute of Technology, Salem,5th September 2015,

Invited Speaker / Session Chair- Conference / Seminar / Workshop

1. Acting as a Resource Person of the ICAR Sponsored Shot Course on**, Data Analytics using Machine Learning and Deep Learning Techniques for Social Science Research**, **Agricultural College & Research Institute, Tamil Nadu Agriculture University**, Coimbatore on 11-20-Febuary-2025.

2. Acting as a Resource Person of the One-day Workshop on**, IoT Tool - WOKWI**, **Kongunadu Arts and Science College**, Coimbatore on 28-January-2025.

3. Acting as a Resource Person of the One-day online-FDP on**, Role of AI and IoT in Education**, **Vivekanandha Arts and Science College for Women**, Coimbatore on 22-January-2025.

4. Acting as a Resource Person of the One-day workshop on**, IoT Automation using Arduino**, **Hindusthan College of Arts and Science College**, Coimbatore on 09&10 -March-2023.

5. Acting as a Resource Person of the One-day workshop on**, Home Automation using IoT**, **Muthayammal Memorial College of Arts and Science College**, Namakkal on 14 -October-2022.

6. Acting as a Resource Person of the One-day workshop on**, Internet of Things**, **Alagappa University**, Karaikudi on 30 -September-2022.

7. Acting as a Resource Person of the One-day workshop on**, IoT and its Applications**, **Vellalar College for Women**, Erode on 16 -September-2022.

8. Invited as a Chief Guest and Resource Person of the One-day workshop on**, Middleware Technologies,** organized by faculty of MCA, **Vivekanandha Institute of Information and Management Studies**, Tiruchengode on 22-September-2014.

9. Invited as a Chief Guest and Resource Person of the One-day Seminar on**, Advanced Networking and Security,** organized by **P.K.R Arts College for Women**, Gobichettipalayam,28- January-2015.

10. Invited as a Chief Guest and Resource Person of the One-day Workshop on**, Network Simulator-NS2,** organized by, **Nandha College of Technology**, Erode,13-Feb-2016.

11. Invited as a Session Chair of the International Conference on Emerging Trends in Science, Engineering and Technology, organized by, **Nandha College of Technology**, Erode,04-March-2016.

12. Invited as a Chief Guest and Resource Person of the One-day Workshop on **"Network Simulator-NS2"** organized by, **Narasu's Sarathy Institute of Technology**, Salem, 16-March -2016.

Membership in Professional Bodies

Name of the Professional Body	Nature of Membership	Duration
ISTE	Life-Time	-
Computer Society of India	1 Year	2021

Editorial/ Review Board Member

1. Reviewer, Multimedia Tools and Applications, 2025, Springer
2. Reviewer, International Journal of Communication Systems,2023
3. Review Board Member, International Conference on Computational Sciences and Sustainable Technologies, Christ University Bangalore, India, May 8-9, 2023.
4. Review Board Member,4th International Conference on Intelligent Computing and Communication (ICICC-2020), Department of Computer Science and Engineering & Department of Computer Science and Technology School of Engineering, Dayananda Sagar University, Bengaluru, India,18-Sep-2020 to 20-Sep-2020.
5. Editorial Board Member, International Journal for Academic Development in Social Science and Humanities (ISSN: 2010-3646), 2020.
6. Editorial Board Member, International Journal of Intelligent Communication, Computing, and Networks (ISS:2582-7707),2020.

Member in BoS

1. Board of Studies in M.Sc. Computer Science, **Vivekanandha College of Arts and Sciences for Women**, Since 2024.
2. Board of Studies in B.Sc. Internet of Things, **Gobi Arts and Science College**, Since 2025.

Awards / Honors

Awards / Honors	Agency / Institute	Year of Award
Best Faculty	VIMS - Vivekananda Institute of Management Studies, Coimbatore	2025
Excellence in Research and Publication	Dr. SNS Rajalakshmi College of Arts and Science, Coimbatore	2025
Young Researcher	K.S.R College of Arts and Science for Women, Namakkal	2025
Best Fund Mobilizer	Dr. N.G.P. Arts and Science College, Coimbatore	2023
Best Professor-Research Contribution	Dr. N.G.P. Arts and Science College, Coimbatore	2023
Best Paper Award	KPR College of Arts Science and Research, Coimbatore	2023
Best Professor-Research Contribution	Dr. N.G.P. Arts and Science College, Coimbatore	2019
Best Faculty	Narasu's Sarathy Institute of Technology, Salem	2013