JOURNALS PUBLISHED

- Published a Paper on "Educational Data Mining: Student Performance and Placement Prediction in Education Sector Using Classification and Association Rule Mining", in Vigyan Shakthi International Journal of science, Issue July 2016, vol 3, No 3.
- Published a paper on" Educational Data Mining: Student Placement Prediction In Education Sector Using Classification", in "International journal for scientific Research and Development", Volume 4, Issue 8, ISSN (O:2321 0613, in October 2016.
- Published a paper on "Students Academic Performance Prediction in Education sector using classification" in International Journal for Science and Advanced Research in Technology, Volume 2, Issue 10, ISSN (0):2395 -1052, in October 2016.
- Published a paper on "Revolutionizing Medicine: The Impact of Artificial Intelligence on HealthCare Systems" in International Journal of Innovative Research in Technology ISSN UGC Approved (Journal No:47859) & 7.37 Impact Factor published in Volume 11 Issue 2, July 2024.
- Published paper titled "A Brief Survey on Artificial Intelligence in Cyber security" in peer viewed journal named "Sparkling International Journal of Multidisciplinary Research studies", volume 7, issue 2, April-june 2024, pages 39-50.
- Published a paper entitled "An Investigation and Overview of Block chain Technology: Architecture, Consensus, And Its Future Trends" in peer viewed journal named "International journal of multidisciplinary Research studies", ISSN 2582 2128, A Quarterly Peer Reviewed /Refereed Multidisciplinary Journal Vol.7, Issue.3, July - September 2025.
- Published a paper entitled "Federated Deep Learning for Privacy-Preserving Healthcare (Fed Med)" in" International Journal of Scientific Research & Engineering Trends (IJSRET)", Volume 12, Issue 1, Jan-Feb-2026, ISSN (Online): 2395-566X.

PAPER PRESENTED IN CONFERENCES

- Paper presented on International Conference "The Advances in Information Technology and Networking (ICATN '16)" entitled "Survey on Classification Techniques in Data mining" held at Dr. G. R. Damodaran college of science, Coimbatore,11th February 2016.
- Paper presented on National Conference "Recent Developments and Applications in Computer Technology (NCRDACT -2016)" entitled "A study on classification association rule mining" held at Vidyasagar college of arts and science, udumalpet,22nd February 2016.
- Paper presented on second national conference on sustainable conference and

reference (NCSCD 2024) entitled “Social Network Analysis and Mining for Business Applications” held at PSG college of Arts and Science, Coimbatore, 2nd February 2024.

- Published a paper titled” Reinforcement Learning with Deep Networks: Combining RL and Deep Learning for complex decision making” in “Vision Viksit Bharat 2047 Education 4.0” funded by ICSSR, Southern Region center, Hyderabad” Organized by Department B.com-BPS, NGM College, Pollachi on 24.1.2025.
- Presented a paper titled “Artificial Intelligence for Personal Assistants: Enhancing contextual understanding and Human-AI Interaction” in “International conference on Recent Trends in Computer Science, Technology, Data science and Applications CRTCTDA-2025-1076” organized by Vidyasagar College of Arts and science, Udumalpet, ISBN:978-81-983678-7-7, on 7.2.2025.
- Presented a paper entitled “Sustainable supply chain optimization with AI : Ethical considerations and challenges” in the ICSSR, New Delhi, sponsored one day National seminar on “Artificial Intelligence in Logistics and supply chain Management Ethical Implications in Automation, Transparency and sustainability” organized by PG dept of commerce with IB.NGM college, Pollachi, on 7th march 2025.
- Paper presented in second international conference on Sustainable on computer trends ICSCT25 entitled “Blockchain and AI Integration Synergies and Challenges” organized by Department of Computer Studies, Hindus than college of Arts & Science, Coimbatore on 7th march 2025.
- Published a paper titled” Artificial Intelligence For Socio-Economic impowerment: A Roadmap For India’S Sustainable Future”in the ICSSR-SRC sponsored conference entitled “Harnessing Artificial Intelligence, Innovation and Technology: A Pathway to Economic Transformation and Sustainable Development in India” organised by UG department of Commerce IB, NGM College, Pollachi, ISBN: 978-93-94004-62-7 on Nov 2025.
- Published a paper entitled “Blockchain based microfinance solutions for marginalised communities” in ICSSR-SRC sponsored conference entitled “one day national seminar on Bridging the digital divide:digital financial inclusion for marginised communities in the era of Amirt Kaal” organized by UG Department of commerce CA,NGM College, Pollachi on 9.1.2026.
- Published a paper entitled “AI Powered personalized learning for an inclusion Indian education system” in ICSSR-SRC sponsored conference entitled “one day national seminar on prospectus of AI and personalized learning inclusion education Intergrated to the national

education policy(NEP 2020)" organized by UG Department of commerce CA,NGM College, Pollachi on 6.2.2026.

- Published conference Paper entitled "Data analytics in GST administration for efficient tax collection" in One day national seminar on Leverging digital governance for inclusive economic growth:GST reforms and Fiscal Federalism in Tamilnadu organised by Bcom B&I department,NGM College on 13.3.2026.

SEMINAR

- Attended International seminar entitled "Research Performance analysis and strategy" held at Bharathiar University, Coimbatore, 18th February 2016.
- Attended Online webinar on "Quantum Horizons Revolutionizing Healthcare with Quantum Computing" Organized by School of Computer Science & Engineering and school of Information Science in association with IEEE student chapter on 17th July 2024.

WORKSHOP

- Attended National level one day workshop entitled "Recent trends in Computer science" held at Bharathiar University, Coimbatore, 12th February 2016.
- Attended 21 days Master Class on Machine Learning(online) at Pantech e learning Pvt Ltd, Chennai from 26.06.2024 to 16.07.2024.
- Attended 21 days Master Class on Internet of Things(online) at Pantech e learning Pvt Ltd, Chennai from 26.06.2024 to 16.07.2024.
- Attended 7 days International Faculty Development Program me on "Implications of Emerging Computing Technologies" organized by Hindustan College of Arts & Science, Coimbatore from July 25 to August 04,2024.
- Attended 7 days Faculty development program me organized by Department of Human Excellence, Nallamuthu Gounder Mahalingam College, Pollachi from 5th August 2024 to 13th August 2024.
- Attended 7 days Faculty development program me organized by Department of Human Excellence, Nallamuthu Gounder Mahalingam College, Pollachi from 4th November 2024 to 8th November 2024.
- Attended online six days AICTE Training and learning (ATAL) FDP on "Sustainable Energy Solutions For Achieving The SDGS : A Policy And Management Perspective" from18.11.2024 to 23.11.2024 organized by Department of MBA, Sri Ramakrishna College Of Arts & Science, Coimbatore.

Book Chapter

- Published a paper entitled "The Mathematics Behind Machine Learning: from Theory

to Implementation" as Book Chapter on Emerging Trends in Computation & Artificial Intelligence published by providence college for women in collaboration with GVG Visalakshi College for woman, Udumalpet,2nd march 2025.

FDP Attended

- Attended 7 days international Faculty Devolpment Programme on"implications of Emerging Computing Technologies" organized by Hindusthan College of Arts & Science,Coimbatore from July 29 to August 04,2024.
- Attended 7 days faculty Development programme on YOGA organised by Human Exellence department, Nallamuthu Gounder Mahalingam college, Pollachi.
- participated in a 5-Day Online Faculty Development Programme on "Adapting to AI Driven Industry" organised by PG department of Computer Science, Rajapalayam Raju's College in Association with ECIRD INC,USA from 09.09.2024 to 13.09.2024.
- participated in FDP on "Yoga for emotional stability" organized by the Department of Human Excellence, NGM College, Pollachi from 04.11.2024 to 08.11.2024.
- Attended online six days AICTE Training and learning (ATAL) FDP on "Sustainable Energy Solutions For Achieving The SDGS: A Policy And Management Perspective" from 18.11.2024 to 23.11.2024 organized by Department of MBA, Sri Ramakrishna College Of Arts & Science, Coimbatore.
- Successfully completed seven days offline FDP on Empowering Educators with power BI organized by Department of computer science with Data Analytics, NGM College, Pollachi from 03.03.2025 to 12.03.2025.
- Successfully participated in five days FDP "Next Generation Technologies in Electronics and Computer Science: Trends and Teaching Approaches '' from 16th to 20th June, 2025
- Successfully participated in five days national level FDP Outcome-Based learning in HEI'S for quality education jointly organized by internal quality Assurance cell (IQAC) & department of science and humanities, Dhaanish Ahmed Institute Of Technology, Coimbatore From 18.07.2025 To 22.07.2025.
- Successfully completed six days FDP on Intellegent automation for the digital age organized by Department of Computer Studies,Hindustahan College of Arts & Science on 10.9.2025 to 16.9.2025.
- Successfully participated in five days Human Devolpment Programme organized by Department of Human Excellence, NGM College, Pollachi on 25.8.2025 to 02.9.2025.
- Attended online 5days FDP "Next Generation Technologies in Electronics and Computer Science: Trends and Teaching Approaches" organized by Greater Kolkata college of engineering

& Management from 16.6.2025 to 20.6.2025.

- Attended 6 days online FDP on "Intelligent Automation for the Digital age" organized by Hindustan arts & science college, Coimbatore from 10.9.2025 to 16.9.2025.
- Attended FIVE Days online FDP entitled "Outcome-based learning in HEI'S for quality education" organized by "National Level Internal Quality Assurance Cell (Iqac) & Department Of Science And Humanities, Dhaanish Ahmed Institute Of Technology", Coimbatore from 18.7.2025 to 22.7.2025.
- Attended seven Days online FDP entitled "Human Development Programme" organized by Human Excellence department, NGM Collge, Pollachi from 25.8.25 to 2.9.25.
- Attended seven Days online FDP entitled Quality assurance and framework in Higher education organized by IQAC,NGM College, Pollachi from 03.3.2026 to 9.3.2026.

Responsibilities in the Department of BCA From 04.1.2024

- Handling theory and practical classes as per the academic schedule
- Preparing lesson plans, notes, and study materials
- Conducting internal tests, model exams, and practical exams
- Evaluating answer scripts and maintaining student performance records
- Coordinating lab activities and project work
- Maintaining department files, records, and documentation
- Organizing seminars, workshops, guest lectures, and department events
- Supporting NAAC, IQAC, and accreditation-related work
- Participating in curriculum development and syllabus revision
- Guiding students in projects, internships, and placements
- Ensuring discipline and academic integrity in the department
- Coordinating with other faculty members for smooth departmental functioning
- Acted as Class In-Charge, managing academic and administrative activities of the class
- Served as Mentor, providing academic guidance and personal support to students
- Functioned as Criterion 6 & 7 In-Charge, coordinating documentation and compliance activities
- Worked as Spoken Tutorial In-Charge, organizing training, registrations, and certification processes
- Handled Uzhavhu bharatham and manaiyiyal mahathuvam classes, coordinating sessions and ensuring student participation.
- Functioned as NPTEL Course Mentor, guiding students in course selection, enrollment,

progress tracking and certification.

- Prepared and submitted monthly academic and departmental reports.
- Served as a member of the rope committee during the convocation ceremony for 20 and 21 batch held on feb 14 2026.