



RAMCO INSTITUTE OF TECHNOLOGY

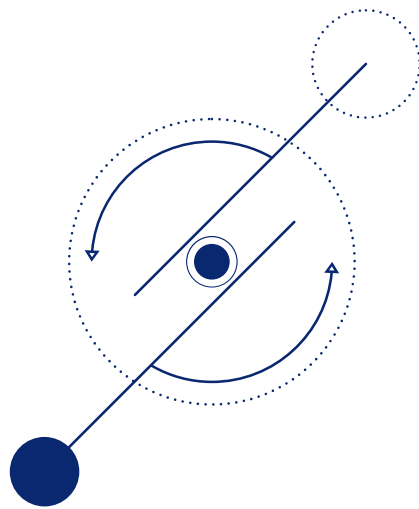
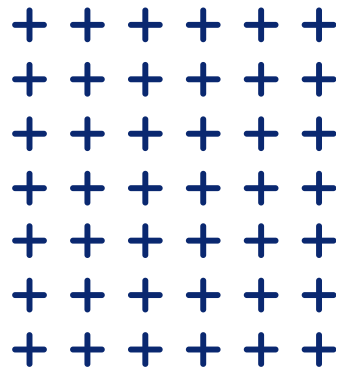
(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University

NAAC Accredited with 'A+' Grade & An ISO 9001: 2015 Certified Institution

Rajapalayam - 626 117, Tamil Nadu.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



MONTHLY NEWS LETTER

JAN' 26



NEWS

EDITORIAL COMMITTEE MEMBERS



Dr. M. Kaliappan, Professor & Head



Dr. E. Mariappan, Associate Professor



K. Nithya Shree, IV - B



I. Delight Cherubino, III - A

VISION

- TO IMPART INTERNATIONAL QUALITY EDUCATION, PROMOTE COLLABORATIVE RESEARCH AND GRADUATE INDUSTRY-READY ENGINEERS IN THE DOMAIN OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE TO SERVE THE SOCIETY.

MISSION

- EXCEL IN TEACHING-LEARNING PROCESS AND COLLABORATIVE RESEARCH BY THE USE OF MODERN INFRASTRUCTURE AND INNOVATIVE COMPONENTS.
- ESTABLISH AN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE BASED CENTRE OF EXCELLENCE TO PREPARE PROFESSIONAL TECHNOCRATS FOR SOLVING INTERDISCIPLINARY INDUSTRY PROBLEMS IN VARIOUS APPLICATIONS
- MOTIVATE STUDENTS TO EMERGE AS ENTREPRENEURS WITH LEADERSHIP QUALITIES IN A SOCIETAL CENTRIC PROGRAMME TO FULFIL INDUSTRY AND COMMUNITY NEEDS WITH ETHICAL STANDARDS.

PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

AFTER SUCCESSFUL COMPLETION OF THE DEGREE, THE STUDENTS WILL BE ABLE TO

- PEO 1. APPLY ARTIFICIAL INTELLIGENCE AND DATA SCIENCE TECHNIQUES WITH INDUSTRIAL STANDARDS AND PIONEERING RESEARCH TO SOLVE SOCIAL AND ENVIRONMENT-RELATED PROBLEMS FOR MAKING A SUSTAINABLE ECOSYSTEMS.
- PEO 2. EXCEL WITH PROFESSIONAL SKILLS, FUNDAMENTAL KNOWLEDGE, AND ADVANCED FUTURISTIC TECHNOLOGIES TO BECOME DATA SCIENTISTS, DATA ANALYST MANAGERS, DATA SCIENCE LEADERS AI RESEARCH SCIENTISTS, OR ENTREPRENEURS.

PROGRAM SPECIFIC OUTCOMES (PSO'S)

AFTER SUCCESSFUL COMPLETION OF THE DEGREE, THE STUDENTS WILL BE ABLE TO:

- PSO 1: TO APPLY ANALYTIC TECHNOLOGIES TO ARRIVE AT ACTIONABLE FORESIGHT, INSIGHT, HINDSIGHT FROM DATA FOR SOLVING BUSINESS AND ENGINEERING PROBLEMS
- PSO 2: TO CREATE, AND APPLY THE TECHNIQUES OF AI AND DATA SCIENCE TO FORECAST FUTURE EVENTS IN THE DOMAIN OF HEALTHCARE, EDUCATION, AND AGRICULTURE, MANUFACTURING, AUTOMATION, ROBOTICS, TRANSPORT, ETC
- PSO 3: TO ENRICH THE CRITICAL THINKING SKILLS IN EMERGING TECHNOLOGIES SUCH AS HYBRID MOBILE APPLICATION DEVELOPMENT, CLOUD TECHNOLOGY STACK, AND CYBER-PHYSICAL SYSTEMS WITH MATHEMATICAL AID TO FORESEE THE RESEARCH FINDINGS AND PROVIDE THE SOLUTIONS.

FACULTY PARTICIPATION

>> DR. S.V. ANANDHI, ASSO. PROF/AI & DS, HAS ACTIVELY PARTICIPATED IN THE FIVE-DAY INTERNATIONAL FACULTY DEVELOPMENT PROGRAM ON “ADVANCES IN LARGE LANGUAGE MODELS & AGENTIC AI SYSTEM”, ORGANIZED BY THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, HELD FROM 29.12.2025 TO 03.01.2026.



>> DR. S. SELVA BIRUNDA, ASSO. PROF/AI & DS, HAS ACTIVELY PARTICIPATED IN THE FIVE-DAY INTERNATIONAL FACULTY DEVELOPMENT PROGRAM ON “ADVANCES IN LARGE LANGUAGE MODELS & AGENTIC AI SYSTEM”, ORGANIZED BY THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, HELD FROM 29.12.2025 TO 03.01.2026.



>> MRS. B. SANKARALAKSHMI, AP/AI & DS, HAS SUCCESSFULLY PARTICIPATED & COMPLETED ATAL FDP ON "AI IN HEALTHCARE:INTELLIGENT SYSTEMS AND APPLICATIONS FOR MODERN MEDICAL NEEDS" ORGANIZED BY SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY FROM 05/01/2026 TO 10/01/2026.



>> DR. S. V. ANANDHI, ASSO.PROF/AI & DS, HAS SUCCESSFULLY PARTICIPATED & COMPLETED AICTE-TRAINING AND LEARNING (ATAL) ACADEMY FACULTY DEVELOPMENT PROGRAM ON "IOT-DRIVEN EMBEDDED TECHNOLOGIES FOR REAL WORLD AUTOMATION" AT ARUNACHALA COLLEGE OF ENGINEERING FOR WOMEN FROM 19.01.2026 TO 24.01.2026.



>> DR. S. SELVA BIRUNDA, ASSO.PROF /AI&DS, HAS ACTIVELY PARTICIPATED IN THE ONE DAY FACULTY DEVELOPMENT PROGRAMME (FDP) ON "NETWORK SECURITY", ORGANIZED BY THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, PET ENGINEERING COLLEGE, TIRUNELVELI, HELD ON 20TH JAN., 2026.



>> MS. B. ANITHA, AP/AI&DS, HAS PARTICIPATED IN THE TRAINING PROGRAM/ FACULTY DEVELOPMENT PROGRAM ON "STATISTICAL ANALYSIS WITH EXCEL" ORGANIZED BY RESEARCH FOUNDATION OF INDIA, FROM 12.01.2026 TO 16.01.2026.



>> MS. V. LOGAPRIYA, AP/AI&DS, HAS ACTIVELY PARTICIPATED IN THE ONE DAY FACULTY DEVELOPMENT PROGRAMME(FDP) ON "NEXT-GEN TEACHING WITH AI ASSISTANTS", ORGANIZED BY THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA(SCSVM)HELD ON 16TH JAN., 2026.



>> MS. B. ANITHA, AP/AI&DS, HAS ACTIVELY PARTICIPATED IN THE ONE DAY FACULTY DEVELOPMENT PROGRAMME(FDP) ON "NETWORK SECURITY", ORGANIZED BY THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, PET ENGINEERING COLLEGE,TIRUNELVELI, HELD ON 20TH JAN., 2026.



>> MR. M. RAMNATH, AP/AI&DS, HAS ACTIVELY PARTICIPATED IN THE ONE DAY FACULTY DEVELOPMENT PROGRAMME (FDP) ON "CYBER SECURITY ESSENTIALS FOR THE DIGITAL ERA", ORGANIZED BY THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, IN SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA IN ASSOCIATION WITH PENCILBITZ, HELD ON 22ND JAN, 2026.



>> DR. C. KARPAGAVALLI, AP/AI & DS, HAS SUCCESSFULLY PARTICIPATED & COMPLETED AICTE-TRAINING AND LEARNING(ATAL) ACADEMY FACULTY DEVELOPMENT PROGRAM ON "NEXT GENERATION COMMUNICATION FOR 6G AND BEYOND" AT INDIAN INSTITUTE OF TECHNOLOGY(INDIAN SCHOOL OF MINES) DHANBAD FROM 01.12.2025 TO 06.12.2025.



>> MS. B. ANITHA, AP/AI&DS, HAS SUCCESSFULLY COMPLETED THE FIVE-DAY FACULTY DEVELOPMENT PROGRAMME (FDP) ON “FOUNDATIONS AND FRONTIERS OF CYBERSECURITY: FROM AWARENESS TO ACTION”, ORGANIZED BY THE DEPARTMENT OF CSE(EMERGING TECHNOLOGIES), SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI, FROM 08.12.2025 TO 12.12.2025.



>> MRS. B. REVATHI, AP/AI & DS, HAS SUCCESSFULLY PARTICIPATED & COMPLETED CONFERENCE UNDER AICTE-VIBRANT ADVOCACY FOR ADVANCEMENT AND NURTURING OF LANGUAGES (VAANI) ON AICTE-VAANI 2 DAYS NATIONAL LEVEL TECHNICAL CONFERENCE ON “ARTIFICIAL INTELLIGENCE AND DATA SCIENCE IN TAMIL” IN TAMIL LANGUAGE AT SRM MADURAI COLLEGE FOR ENGINEERING & TECHNOLOGY FROM 18.12.2025 TO 19.12.2025.



>> MS. B. ANITHA, AP/AI&DS, HAS ATTENDED THE "R&D CONCLAVE 2025", FOR FACULTY MEMBERS AND RESEARCHERS ON DECEMBER 23, 2025, ORGANIZED BY RIT RESEARCH COUNCIL AT RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM.



>> MS. B. ANITHA, AP/AI&DS, HAS ACTIVELY PARTICIPATED IN THE FIVE-DAY INTERNATIONAL FACULTY DEVELOPMENT PROGRAM (FDP) ON "ADVANCES IN LARGE LANGUAGE MODELS & AGENTIC AI SYSTEM", ORGANIZED BY THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, HELD FROM 29.12.2025 TO 03.01.2026.

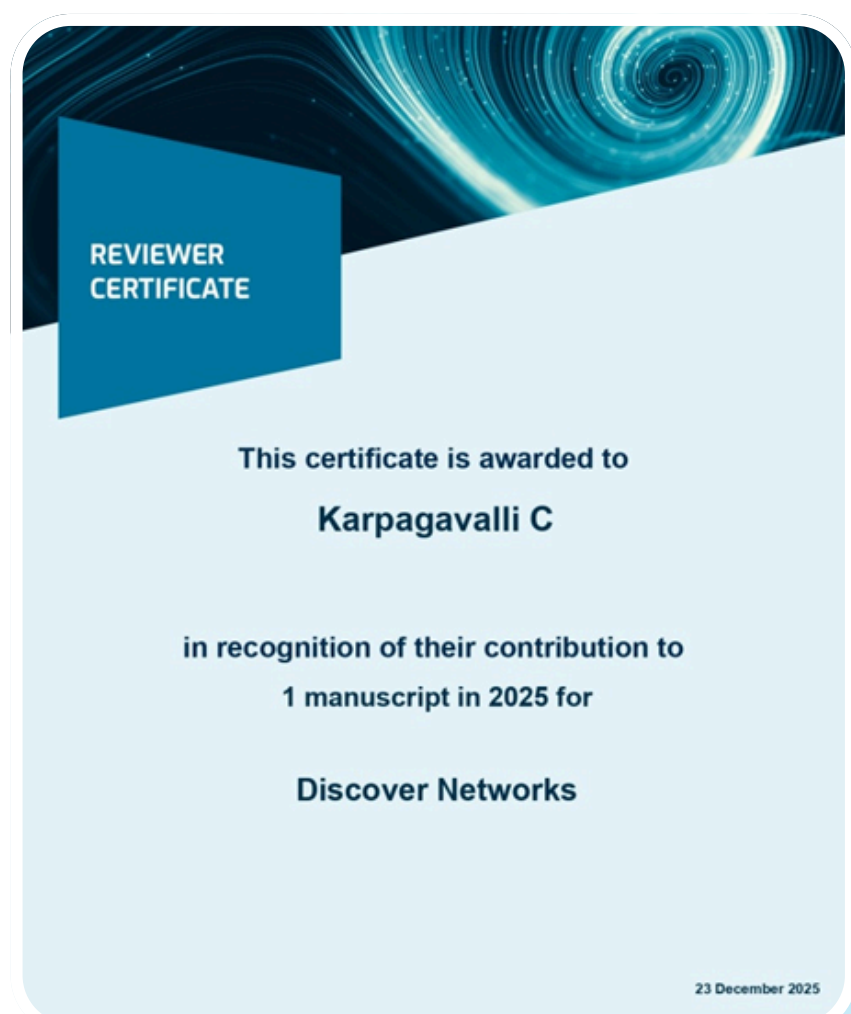
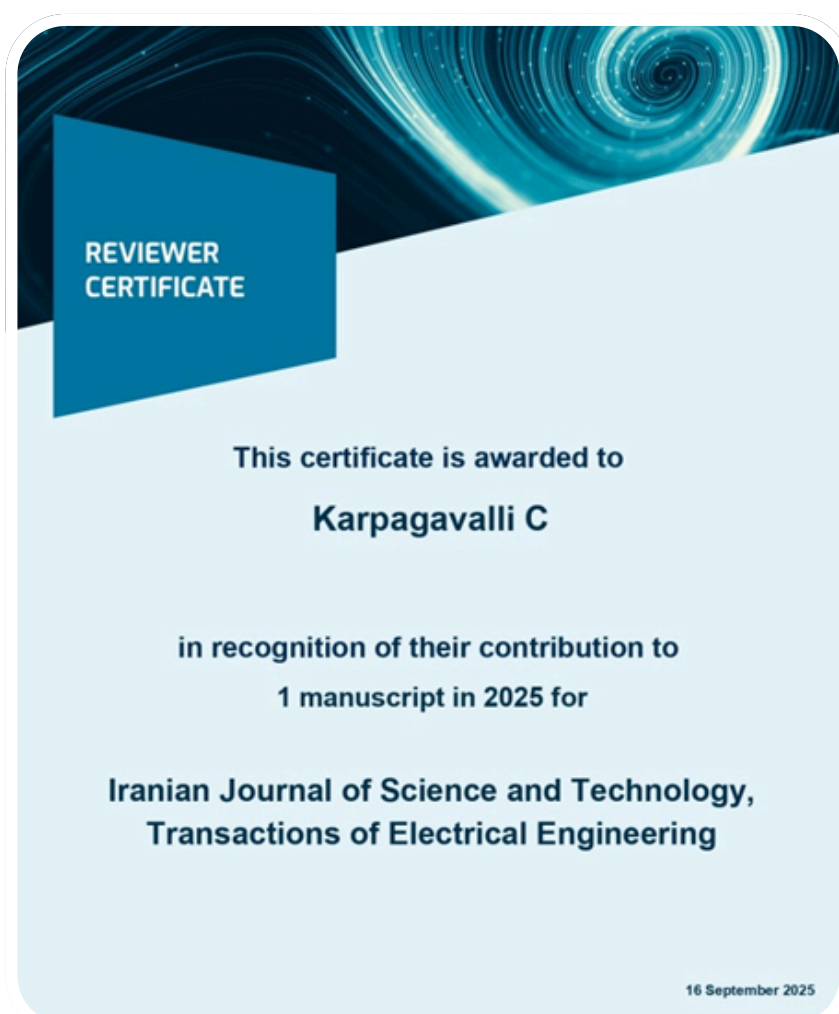


FACULTY ACHIEVEMENTS

>> DR. C. KARPAGAVALLI, AP/AI&DS, SERVED AS A REVIEWER FOR THE JOURNAL "IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY, TRANSACTIONS OF ELECTRICAL ENGINEERING", ON SEPTEMBER 16, 2025.

>> DR. C. KARPAGAVALLI, AP/AI&DS, SERVED AS A REVIEWER FOR THE JOURNAL "DISCOVER COMPUTING", ON DECEMBER 08, 2025.

>> DR. C. KARPAGAVALLI, AP/AI&DS, SERVED AS A REVIEWER FOR THE JOURNAL "DISCOVER NETWORKS", ON DECEMBER 23, 2025.



STUDENTS ACHIEVEMENTS

>> P. MOHANA VELU, IV -AI&DS-A, HAS PARTICIPATED IN THE ANNA UNIVERSITY INTER ZONE TOURNAMENT ON JAN 10TH, 2026 ON SECURED BRONZE MEDALS IN TAEKWONDO (MEN) AT KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY, THOTTIAM TALUK, TRICHY DT.



>> V. THANGAMAHESWARAN, IV-AI&DS-A, HAS PARTICIPATED IN THE "ANNUAL TRAINING CAMP (ATC) TOURNAMENT" ON JAN 14TH, 2026 ON SECURED WON 2ND PRIZE AT 9 TN BN NCC, KARAIKUDI.



>> B. MANISH KUMAR, III-AI&DS-A, HAS PARTICIPATED IN THE AI CONSORITUM SECURED WON 2ND IN "AI HACKATHON" HELD ON 27TH DEC 2025 AND 21ST JAN 2026 AT THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI.



>> K. PRADHUL KUMAR,II-AI&DS-B, M. SUNDAR KARTHICK, III-AI&DS-B, HAS WON IIIRD PRIZE IN THE EVENT "PAPER PRESENTATION" IN THE IGNITE -AI TECHNICAL SYMPOSIUM ORGANIZED BY THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, EINSTEIN COLLEGE OF ENGINEERING, TIRUNELVELI, ON 30TH JAN., 2026.



>> K. PRADHUL KUMAR, M. SURESH KARTHIK, II-AI&DS-B, M. SUNDAR KARTHICK, III-AI&DS-B, HAS WON 1TH PRIZE IN THE EVENT "NEUROLINK" IN THE IGNITE -AI TECHNICAL SYMPOSIUM ORGANIZED BY THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, EINSTEIN COLLEGE OF ENGINEERING, TIRUNELVELI, ON 30TH JAN., 2026.



>> M. PON ANUPRIYA, II-AI&DS-B, WON FIRST PRIZE IN "SPEECH COMPETITION" CONDUCTED BY THE ELECTORAL LITERACY CLUB.

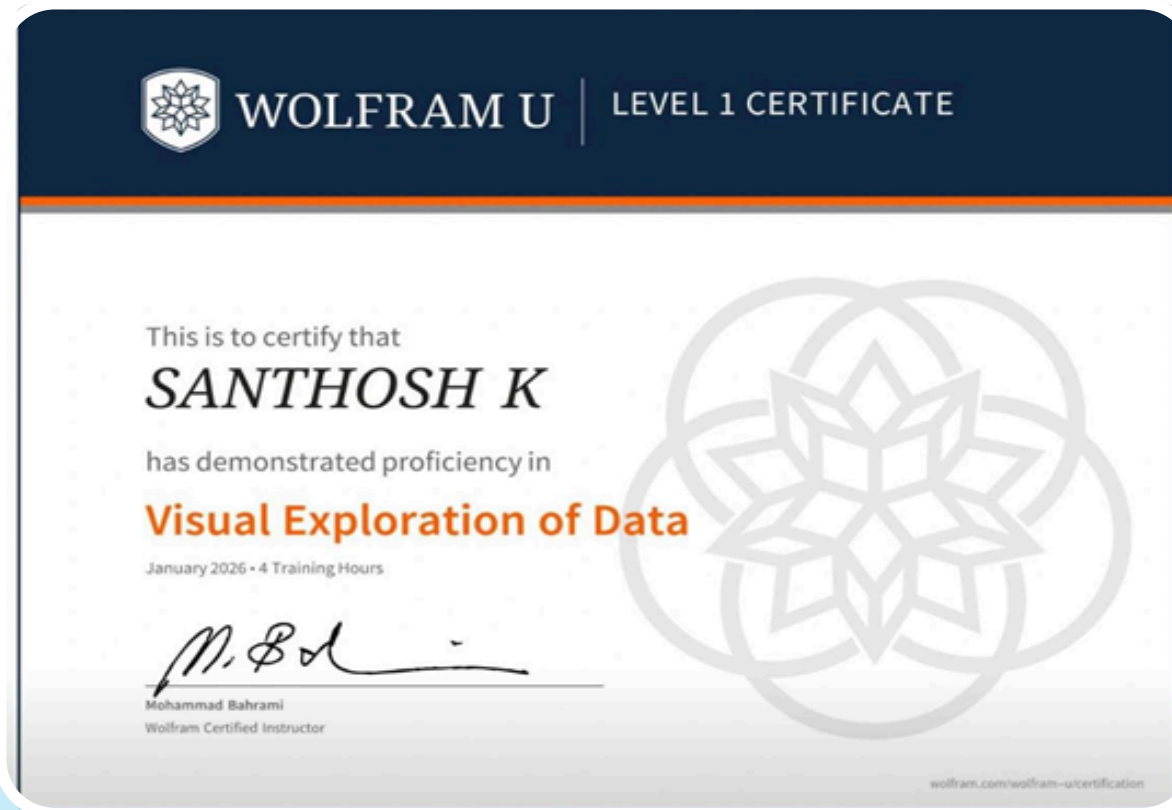
>> R.R. RITHISH SUNDARAM, II-AI&DS-A, WON SECOND PRIZE IN "SPEECH COMPETITION" CONDUCTED BY THE ELECTORAL LITERACY CLUB.

>> A. JEEVA AMIRTHA, II-AI&DS-B, HAS SECURED A TOP 10 RANK IN "NERDS AI QUEST 2.0" ORGANIZED BY NERDS ROOM



STUDENTS PARTICIPATIONS

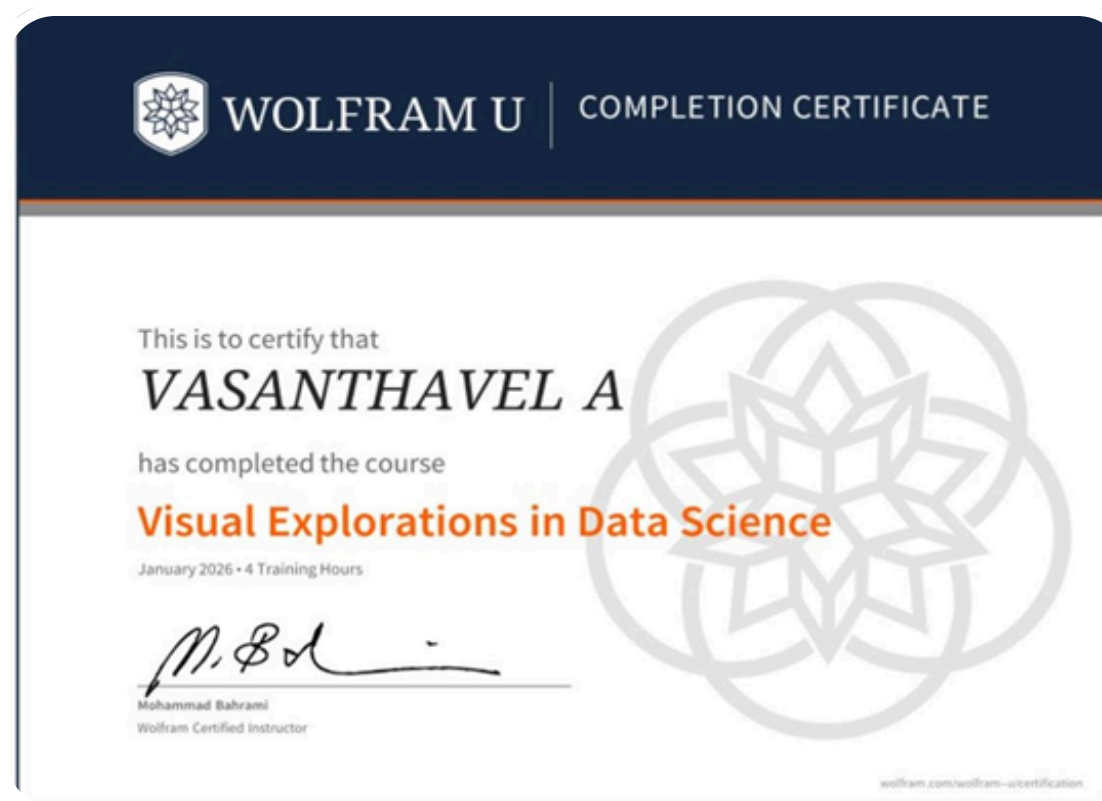
>> K. SANTHOSH, II-AI&DS-B, HAS DEMONSTRATED PROFICIENCY IN "VISUAL EXPLORATION OF DATA", ORGANIZED BY WOLFRAM.



>> K. NITHYA VARUNA, I-AI&DS-A, HAS PARTICIPATED IN THE WEBINAR ON "DATA ANALYTICS", ORGANIZED BY NATIONAL SKILL DEVELOPMENT CORPORATION HELD ON 6 JAN., 2026.



>> A.VASANTHAVEL, II-AI&DS-B, HAS DEMONSTRATED PROFICIENCY IN "VISUAL EXPLORATION OF DATA", ORGANIZED BY WOLFRAM.



>> M. RUBA DHARSHINI, II-AI&DS-B, HAS ACITIVELY PARTICIPATED IN THE ONLINE STUDENT DEVELOPMENT PROGRAM(SDP) ON "CORE JAVE CONCEPTS WITH HANDS-ON PRACTICE" ORGANIZED BY RECCSAR PVT. LTD HELD FROM 29TH - 31THDEC., 2025.



>> M. DURKA, A. NISHANDHINI, S. MUTHU PRATHINA, II-AI&DS-A, HAS ACITIVELY PARTICIPATED IN THE ONLINE STUDENT DEVELOPMENT PROGRAM(SDP) ON "CORE JAVE CONCEPTS WITH HANDS-ON PRACTICE" ORGANIZED BY RECCSAR PVT. LTD HELD FROM 29TH - 31THDEC., 2025.



>> M. MATHAN KUMAR, R. SRI VIJI, A. PRASITHA, R.J. VAISHNAVI, II-AI&DS-B, HAS ACITIVELY PARTICIPATED IN THE ONLINE STUDENT DEVELOPMENT PROGRAM(SDP) ON "CORE JAVE CONCEPTS WITH HANDS-ON PRACTICE" ORGANIZED BY RECCSAR PVT. LTD HELD FROM 29TH - 31TH DEC., 2025.



>> M. MATHAN KUMAR, II-AI&DS-B, HAS ACITIVELY PARTICIPATED IN THE LIVE WORKSHOP ON "GENERATIVE AI TOOLS" ORGANIZED BY SKILL NATION HELD ON 29TH AUG., 2025.



>> L. ARUNA DEVI, III-AI&DS-A, HAS SUCCESSFULLY COMPLETED THE SECURITY LEARNING TRACK OF THE "GEN AI ACADEMY 2.0", BY GOOGLE CLOUD HELD ON 15TH DEC., 2025.



>> K. NITHYA VARUNA, I-AI&DS-A, HAS SUCCESSFULLY COMPLETED THE 2-HOUR "ETHICAL HACKING & CYBER SECURITY" WORKSHOP ORGANIZED BY VAULTOFCODES ON 11.01.2026.



>> M. SAKTHI SWETHA, II -AI&DS-B, HAS SUCCESSFULLY PARTICIPATED IN THE HANDS-ON ONLINE LIVE SESSION ON "VIBE CODING WITH FIREBASE STUDIO", ORGANIZED BY GDG ON CAMPUS, RAMCO INSTITUTE OF TECHNOLOGY, HELD ON 7TH JAN., 2026.



>> V. RAMYA, IV-AI&DS-B, HAS ACTIVELY PARTICIPATED IN "FRAMEQUEST APTITUDE QUIZ" ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN ASSOCIATION WITH IEI STUDENT CHAPTER OF RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM ON 10TH JAN., 2026.



>> L. ARUNADEVI, III-AI&DS-A, HAS PARTICIPATED THE PROBLEM STATEMENT - "AI POWERED TOOL FOR COMBATING MISINFORMATION" OF THE GEN AI EXCHANGE HACKATHON 2025 BY GOOGLE CLOUD ON 14TH JAN., 2026.



>> A M. DHANYA , III-AI&DS-A, HAS PARTICIPATED THE PROBLEM STATEMENT - "AI-POWERED MARKETPLACE ASSISTANT FOR LOCAL ARTISANS" OF THE GEN AI EXCHANGE HACKATHON 2025 BY GOOGLE CLOUD ON 14TH JAN., 2026.



>> P S. PRADHOUSHINI, III-AI&DS-A, HAS PARTICIPATED THE PROBLEM STATEMENT - "AI POWERED TOOL FOR COMBATING MISINFORMATION" OF THE GEN AI EXCHANGE HACKATHON 2025 BY GOOGLE CLOUD ON 14TH JAN., 2026.



>> V. JAMUNA, III-AI&DS-A, HAS PARTICIPATED THE PROBLEM STATEMENT - "AI - POWERED MARKETPLACE ASSISTANT FOR LOCAL ARTISANS" OF THE GEN AI EXCHANGE HACKATHON 2025 BY GOOGLE CLOUD ON 14TH JAN. 2026.



>> T. ISWARIYALAKSHMI, III-AI&DS-A, HAS PARTICIPATED THE PROBLEM STATEMENT - "AI - POWERED MARKETPLACE ASSISTANT FOR LOCAL ARTISANS" OF THE GEN AI EXCHANGE HACKATHON 2025 BY GOOGLE CLOUD ON 14TH JAN., 2026.



>> S.MUTHUKUMARI, M. RUBA DHARSHINI, M. PRASITHA, A. SUBHIKSHA, II-AI&DS-B, HAS PARTICIPATED IN THE WORKSHOP ON "DATA ANALYTICS", ORGANIZED BY CLUSTERS TECHNOLOGY HELD ON 14TH JAN. 2026.



>> A. JEEVA AMIRTHA, II-AI&DS-B, HAS PARTICIPATED WITH EXCEPTIONAL DEDICATION IN THE "TECHQUEZT#27 GAMING AND TECH" HOSTED BY NAUKRI CAMPUS ON 18TH JAN., 2026.



>> P. INIYA NILAA, R. SRI RANJINI, II-AI&DS-A, HAS PARTICIPATED WITH EXCEPTIONAL DEDICATION IN THE "TECHQUEZT#27 GAMING AND TECH" HOSTED BY NAUKRI CAMPUS ON 18TH JAN., 2026.



>> K. NITHYA VARUNA, I-AI&DS-A, HAS PARTICIPATED IN THE WEBINAR ON "DATA ANALYTICS", ORGANIZED BY NATIONAL SKILL DEVELOPMENT CORPORATION HELD ON 19TH JAN., 2026.



>> P. INIYA NILAA, II-AI&DS-A, HAS PARTICIPATED WITH EXCEPTIONAL DEDICATION IN THE "CODEQUEZT #27 - CODING CHALLENGE" HOSTED BY NAUKRI CAMPUS ON 25TH JAN., 2026.



>> M. MAHALAKSHMI, IV-AI&DS-A, HAS SUCCESSFULLY COMPLETING THE TALENTNEXT COURSE ON "JAVA FULL STACK" DURING THE PERIOD JULY TO OCTOBER IN THE YEAR 2025, OFFERED BY WIPRO.



>> K. SANTHOSH, A. RITHISH KRISHNA, R J. VAISHNAVI, M.MUTHUMARI, A. SUBHIKSHA, R. SINDHUDEVI, S. MUTHUKUMARI, II-AI&DS-B, P. INIYA NILAA, K. KALAIARASI, K. MAHIMA II-AI&DS-A, A.DHANYA, III-AI&DS-A, K. NITHYA VARUNA, I-AI&DS-A, HAS PARTICIPATED IN THE NATIONAL LEVEL SRINIVASA RAMANUJAN MATHEMATICAL COMPETITIONS "LEVEL 1(CHAPTER LEVEL) COMPETITIONS" CONDUCTED BY ISTE TAMILNADU SECTION ON 24TH & 25TH JAN., 2026.



>> A. JEEVA AMIRTHA, II-AI&DS-B, HAS PARTICIPATED IN "HACKFINITY" ORGANIZED BY RAMCO INSTITUTE OF TECHNOLOGY.

>> A. JEEVA AMIRTHA, II-AI&DS-B, HAS PARTICIPATED IN "NERDS AI QUEST 2.0" ORGANIZED BY NERDS ROOM.



>> G. LATHIKA, II-AI&DS-A, DEPARTMENT AS A PART OF TEAM "INNOVATEX" HAS SECURED THE FIFTH POSITION IN THE TECH PRAGNA – SEASON 3 | HACKATHON ON AI & FULL STACK DEVELOPMENT CONDUCTED BY LEARNLIKE IN ASSOCIATION WITH RAMCO INSTITUTE OF TECHNOLOGY ON 10TH MAY, 2025.



FACULTY ONLINE COURSE

>> MRS. C. USHARANI, AP/AI & DS, "NATURAL LANGUAGE PROCESSING WITH CLASSIFICATION AND VECTOR SPACES", DEEPLARNING.AI

STUDENTS INTERNSHIP

Sl. No	Name	Company Name	Domain	Date
1	M. Ruba Dharshini, II-AI&DS-B	Aram	Aram Analytics	08.12.2025 to 02.01.2026
2	S. Gowthaman, IV-AI&DS-A	Annz Technology Private Limited	Artificial Intelligence and Machine Learning	11.08.2025 to 11.10.2025, 01.12.2025 to 31.12.2025
3	G. Ranchana Devi, II-AI&DS-B	Gradtwin Services Private Limited	Data Science	Oct 2025 to Dec 2025

STUDENTS ONLINE COURSE

Sl. No	Roll Number	Name of the Student	Name of the Course	Platform
1	953624243095	K. Santhosh, II-AI&DS-B	Introduction to JAVA	Coursera
2	953624243019	M.Durka, II-AI&DS-A	GenAI Powered Data Analytics Job Simulation	Forage
3	953624243088	M. Ruba Dharshini, II-AI&DS-B	Data Science Methodology	IBM
4	953624243088	M. Ruba Dharshini, II-AI&DS-B	Introduction to AI Concepts	Microsoft
5	953624243082	A. Rithish Krishna, II-AI&DS-B	GenAI Powered Data Analytics Job Simulation	Forage

STUDENTS ONLINE COURSE

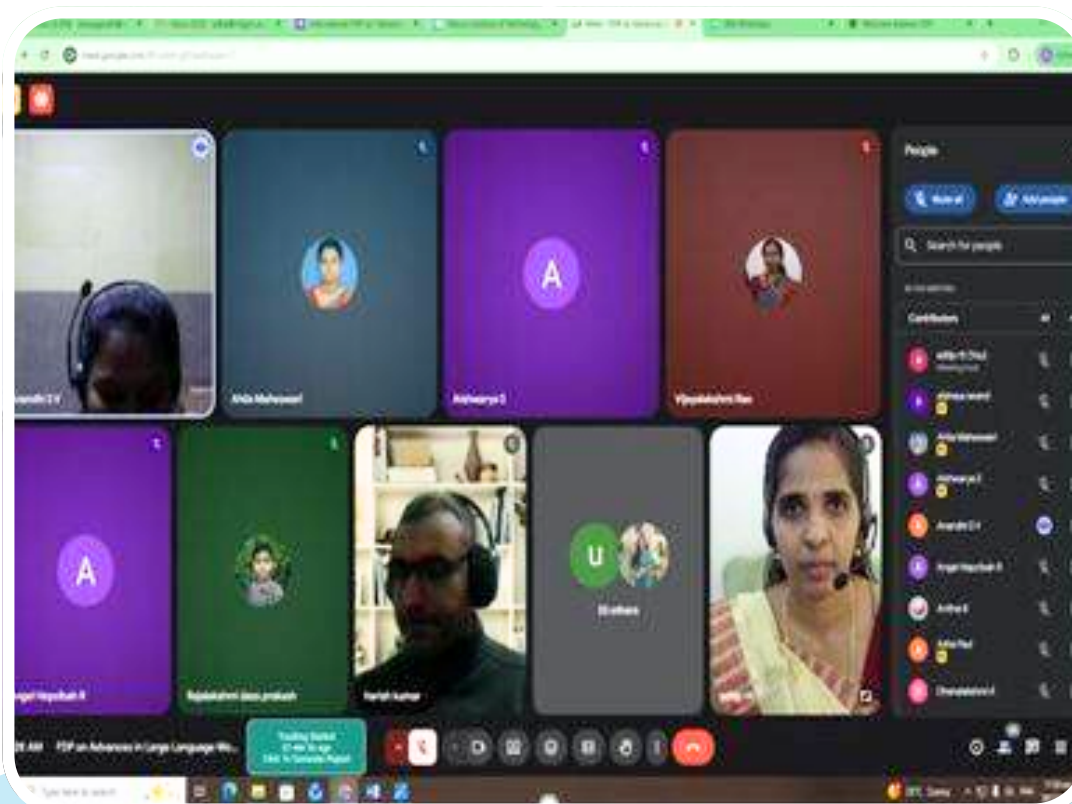
Sl. No	Roll Number	Name of the Student	Name of the Course	Platform
6	953624243088	M. Ruba Dharshini, II-AI&DS-B	Get Started Building with Power BI	Microsoft
7	953624243117	R.J. Vaishnavi, II-AI&DS-B	Get Started Building with Power BI	Microsoft
8	953624243024	P.Gurulakshmi, II- AI&DS-A	Introduction to AI Concepts	Microsoft
9	953624243110	A. Subhiksha, II-AI&DS-B	Discover Data Analysis	Microsoft
10	953624243036	S. Joe Carmel Juliyah, II-AI&DS-A	Get Started Building with Power BI	Microsoft
11	953624243051	M. Mathan Kumar, II-AI&DS-B	GenAI Powered Data Analytics Job Simulation	Forage
12	953625243073	K. Nithya Varuna, I- AI&DS-A	Artificial Intelligence Fundamentals (Earn a Credential!)	IBM
13	953624243117	R J. Vaishnavi, II-AI&DS-B	Discover Data Analysis	Microsoft
14	953623243007	A M. Dhanya, III-AI&DS-A	GenAI Powered Data Analytics Job Simulation	Forage

STUDENTS ONLINE COURSE

Sl. No	Roll Number	Name of the Student	Name of the Course	Platform
15	953623243099	P. Subbhra Yashwanth Kanth, III-AI&DS-A	Data Analytics Job Simulation	Deloitte
16	953624243086	R. Sandhiya, II-AI&DS-B	Data Analytics Essentials	Cisco Networking Academy.
17	953624243033	A. Jeeva Amirtha, II-AI&DS-B	Data Science & Analytics	HP Life
18	953622243046	R. Kanaga Raja durai, IV-AI&DS-B	Data Analytics Job Simulation	Deloitte
19	953623243097	S. Sanjay, III-AI&DS-A	Data Analytics Job Simulation	Deloitte
20	953625243073	K. Nithya Varuna, I-AI&DS-A	Data Fundamentals	IBM
21	953623243021	T. Blessonpaul, III-AI&DS-B	Introduction to Automation	UiPath
22	953624243041	S.Kannika, II-AI&DS-A	Java Programming for Beginners	Simplilearn
23	953624243081	G. Ranchana Devi , II-AI&DS-B	Software Engineering Job Simulation	Forage
24	953624243031	P. Iniya Nilaa, II-AI&DS-A	Java (Basic)	HackerRank

EVENTS CONDUCTED

>> THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, RAMCO INSTITUTE OF TECHNOLOGY, SUCCESSFULLY ORGANIZED AN INTERNATIONAL FACULTY DEVELOPMENT PROGRAM (ONLINE MODE) ON ADVANCES IN LARGE LANGUAGE MODELS & AGENTIC AI SYSTEMS FROM 29 DECEMBER 2025 TO 03 JANUARY 2026 (5 DAYS). THE FDP AIMED TO PROVIDE FACULTY MEMBERS, RESEARCHERS, AND PROFESSIONALS WITH IN-DEPTH KNOWLEDGE OF RECENT ADVANCEMENTS IN LARGE LANGUAGE MODELS (LLMS) AND AGENTIC AI SYSTEMS, COVERING BOTH THEORETICAL FOUNDATIONS AND PRACTICAL APPLICATIONS, WHILE HIGHLIGHTING EMERGING TRENDS, TOOLS, AND METHODOLOGIES SHAPING THE FUTURE OF ARTIFICIAL INTELLIGENCE. THE SESSIONS WERE DELIVERED BY EMINENT ACADEMICIANS AND INDUSTRY EXPERTS, OFFERING VALUABLE INSIGHTS INTO CUTTING-EDGE RESEARCH, REAL-WORLD USE CASES, AND FUTURE DIRECTIONS IN AI. THE PROGRAM SERVED AS AN EFFECTIVE PLATFORM FOR ENHANCING TECHNICAL EXPERTISE, ENCOURAGING MEANINGFUL DISCUSSIONS, AND FOSTERING ACADEMIC AND RESEARCH COLLABORATIONS AT THE INTERNATIONAL LEVEL. THE FDP WAS COORDINATED BY DR. C. KARPAGAVALLI, MRS. R. ANGEL HEPZIBAH, AND MRS. B. SANKARA LAKSHMI, WITH DR. E. MARIAPPAN AS ORGANIZING SECRETARY, DR. M. KALIAPPAN AS CONVENER, UNDER THE PATRONAGE OF DR. S. RAJAKARUNAKARAN, VICE-PRINCIPAL, AND DR. L. GANESAN, PRINCIPAL, AND RECEIVED OVERWHELMING PARTICIPATION AND POSITIVE FEEDBACK, REINFORCING THE DEPARTMENTS COMMITMENT TO CONTINUOUS PROFESSIONAL DEVELOPMENT AND EXCELLENCE IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE EDUCATION AND RESEARCH.



WORKSHOP AND SEMINARS

>> THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE ORGANIZED A SEMINAR ON RESEARCH METHODOLOGY ON 21ST NOVEMBER 2025 FOR FACULTY MEMBERS. THE SESSION WAS DELIVERED BY DR. GAJENDRA K. VISHWAKARMA, ASSOCIATE PROFESSOR, DEPARTMENT OF MATHEMATICS & COMPUTING, INDIAN INSTITUTE OF TECHNOLOGY (IIT) DHANBAD WHO PROVIDED COMPREHENSIVE INSIGHTS INTO ESSENTIAL RESEARCH PRACTICES AND SYSTEMATIC APPROACHES REQUIRED FOR PRODUCING QUALITY ACADEMIC RESEARCH. DURING THE SEMINAR, DR. VISHWAKARMA DISCUSSED VARIOUS COMPONENTS OF RESEARCH METHODOLOGY, INCLUDING PROBLEM IDENTIFICATION, LITERATURE REVIEW TECHNIQUES, RESEARCH DESIGN, DATA ANALYSIS APPROACHES, AND EFFECTIVE DOCUMENTATION. HIS SESSION EMPHASIZED THE IMPORTANCE OF STRUCTURED THINKING, CRITICAL ANALYSIS, AND METHODOLOGICAL RIGOR IN RESEARCH WORK. THE EVENT WAS COORDINATED BY DR. R. M. RAJESHWARI AND MRS. M. SANTHIKALA, UNDER THE LEADERSHIP OF DR. M. KALIAPPAN, HEAD OF THE DEPARTMENT AND DR. E. MARIAPPAN SERVED AS THE ORGANISING SECRETARY, ENSURING SMOOTH EXECUTION OF THE PROGRAM. THE SEMINAR PROVED HIGHLY BENEFICIAL, EQUIPPING PARTICIPANTS WITH VALUABLE KNOWLEDGE AND PRACTICAL GUIDANCE FOR ENHANCING THEIR RESEARCH SKILLS.



FACULTY PUBLICATIONS

Sl. No	Name	Publications	Conference / Journal / Book	Institution	Date
1	Ravindran, S.; Balachandran, G. B.; Murugesan, P.; Ramachandran, M. E.	Applied thermal enhancement in solar desalination: A hybrid PV/T system with fan and scraper assist	Applied Thermal Engineering, Vol. 282	Elsevier	01.01.2026
2	Selva Birunda, S.; Kaliappan, M.; Ramana, R.	An explainable modified convolutional mixer neural network-based deep learning framework for accurate brain tumor detection and classification	Neurological Research	Taylor & Francis	31.10.2025
3	Selvi, R. S.; Murugesan, R. R.; Wekalao, J.; et al.	Advanced MXene-Gold Hybrid Plasmonic Biosensor for Early Detection of Tuberculosis Biomarkers with Machine Learning Optimization	Plasmonics	Springer Nature	28.10.2025
4	Zhang, H.; Peng, R.; Jiang, Q.; Tian, X.; Ji, J.; Peng, J.; Zong, J.; Luo, C.	Impact of structural arrangement and electrical series-parallel connections on performance of semi-flexible crystalline silicon BIPV systems	Energy, Vol. 340	Elsevier	15.12.2025
5	Selva Birunda Shunmugavel; Suresh Kumar Nagarajan; Kanniga Devi Rangaswamy; Muthukannan Muthiah	A Hybrid Framework for Fake News Detection Using Explainability of Artificial Intelligence	Recent Patents on Engineering, Vol. 19(9)	Bentham Science	Nov 2025

FACULTY PUBLICATIONS

Sl. No	Name	Publications	Conference / Journal / Book	Institution	Date
6	Kaliappan, M.; Guruprakash, B.; Rajalakshmi; Blessing Karunya, T.; Mariappan, E.; Ramnath, M.; Angel Hepzibah, R.	Analyzing Public Sentiment on Demonetization Using SVM: A Machine Learning Approach	Journal of Computer Science, Vol. 21(11)	Science Publications	Nov 2025
7	Revathi, B.; Kaliappan, M.; Chanthiya, P.; Ananthi, S. V.; Christiyana, C.; Keziah Elizabeth, S. K.	Superpixel based classification for graph neural network (GNN) in leukemia images	Journal of Theoretical and Applied Information Technology, Vol. 103(23)	Journal of Theoretical and Applied Information Technology	15.12.2025
8	Hepzibah, R. A.; Jeyasanthi, J.; Durga Devi, G.; Mariappan, E.; Kaliappan, M.; Preethy Rebecca, P.; Senthi, S.; Ramnath, M.	AI-powered resume screening system for smart hiring: Leveraging NLP and large language models for efficient and fair recruitment	Journal of Theoretical and Applied Information Technology, Vol. 103(23)	Journal of Theoretical and Applied Information Technology	15.12.2025
9	Balachandran GB, Ramachandran Muthu Eshwaran, Rajendran I, Velladurai P	Mechanical and thermal evaluation of solar still systems incorporating sustainable waste-derived heat storage materials	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	Sage Journals Home	18.01.2026