



KONGUNADU

Collage of Engineering & Technology
[Autonomous]

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai, Accredited by NBA(CSE, ECE, EEE & MECH),
Accredited by NAAC, Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 certified Institution

Namakkal-Trichy Main Road, Thottiyam, Trichy(Dt)-621 215, Tamilnadu

DEPARTMENT OF INFORMATION TECHNOLOGY

BITWHACKERS NEWSLETTER

◆ Editorial Board:

◆ Chief Editor:

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- R.Nithya, IT

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◆ COLLEGE VISION /MISSION:

◆ VISION

"To become an internationally renowned Institution in technical education, research and development, by transforming the students into competent professionals with leadership skills and ethical value".

◆ MISSION

- Providing the Best Resources and Infrastructure.
- Creating Learner centric Environment and continuous – Learning.
- Promoting Effective Links with Intellectuals and Industries.
- Enriching Employability and Entrepreneurial Skills.
- Adapting to Changes for Sustainable Development

◆ DEPARTMENT VISION/MISSION:

◆ VISION

To produce competent IT professionals, researchers and entrepreneurs with moral values in the field of Information Technology

◆ MISSION

- Enrich the student's programming and computing skills through best teaching -learning
- Processes, laboratory practices and through project-based learning
- Inculcate real world challenges, emerging technologies and endeavor the students to become
- Entrepreneurs or make them employable.
- Inculcating moral and ethical values to serve the society and focus on students' over all development.

◆ PROGRAM EDUCATIONAL OBJECTIVES:

PEO I: Graduates shall become IT professionals. with specialization in Software Engineering, Networking, Data Mining and Cloud computing.

PEO II: Graduates shall build IT solutions through analysis, design and development of software and firmware solutions for real-world problems and social issues.

PEO III: Graduates shall have professional ethics, team spirit, life-long learning, good oral and written communication skills and adopt corporate culture, core values and leadership skills.

◆ PROGRAM SPECIFIC OUTCOMES (PSO's):

PSO1: Professional skills: Students shall understand, analyze and develop IT applications in the field of Data Mining/Analytics, Cloud Computing, Networking etc., to meet the requirements of industry and society.

PSO2: Competency: Students shall qualify at the State, National and International level competitive examination for employment, higher studies and research.

◆ PROGRAM OUTCOMES(POS):

PO 1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and engineering Specialization to the solution of complex engineering problems.

PO 2. Problem Analysis: Identify, formulate, research literature, and analyze engineering problems to arrive at substantiated conclusions using first. principles of mathematics, natural, and engineering sciences.

PO 3. Design/development of solutions: Design solutions for complex engineering problems and design system components, processes to meet the specifications with consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4. Conduct investigations of complex problems:

Use research-based knowledge including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice

PO 9. Individual and team work: Function effectively as an individual, and as a member or leader in teams, and in multidisciplinary settings.

PO 10. Communication: Communication effectively with the engineering community and with society at large. Be able to comprehend and write effective reports documentation. Make effective presentations, and give and receive clear instructions.

PO 11. Project management and finance: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work. as a member and leader in a team. Manage projects in multidisciplinary environments.

PO 12. Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

◆ COMMAN ACTIVITIES:

TRIOFEST-2025 was organized on 26.04.2025.



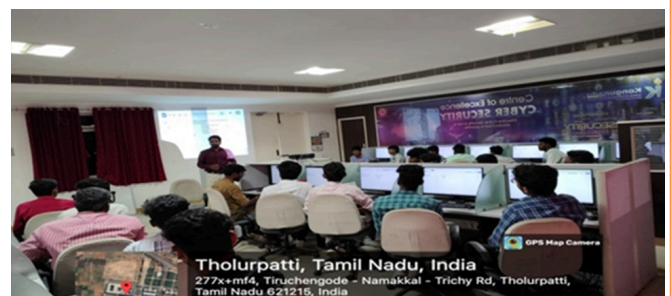
The Resource Person was Lion.G.Ambani, Photographer & Drone Pilot, Ambani AG Photography



- Seminar on “Ethical Hacking and Cyber Security - Hands on Industrial Practice” was organized on 14th March 2025. The Resource Person was Mr. Dinesh Paranthagan, Founder & CEO - Hackup Technology Pvt. Ltd, Official Partner with EC-Council, Coimbatore.

◆ PARENT - TEACHERS MEET:

- Parent – Teachers Meet was conducted for III and II year on 04th & 05th March 2025 respectively. The prizes have been awarded to the students and staff members for their best performance

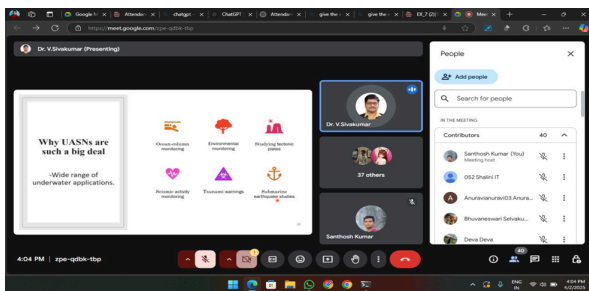


- Guest Lecture on “Cybersecurity in the Digital Age: Threats and Challenges” was organized on 13th March 2025. The Resource Person was Dr. M. Brindha, National Institute of Technology, Tiruchirappalli.

◆ DEPARTMENT ACTIVITIES:

Programme Conducted by the Department (Workshop / Seminar/ Guest Lecture / Training / Webinar/ Others)

- Webinar on “The Role of AI and ML in Underwater Exploration and Environmental Monitoring” was organized on 02nd April 2025. The Resource Person was Dr.V.Sivakumar, Associate Professor, Department of ICT, Manipal Academy of Higher Education, Manipal, Karnataka.



- Guest Lecture on “Blockchain Technology and its Application” was organized on 12th March 2025. The Resource Person was Dr. V. Thilagavathe, Assistant Professor, Government College of Engineering, Erode.

- Seminar on “AI in Healthcare Opportunities and Challenges” was organized on 28th March 2025. The Resource Person was Mrs.A.Esther Rani, Senior Process Executive, Omega Healthcare Pvt Ltd, Trichy.



- Seminar on “Skyward Bound: Exploring Drone Operations and the Thrill of FPV Flight” was organized on 15th March 2025.

- 2-Days National Seminar on “Ethical Considerations in Generative AI for Healthcare: Balancing Innovation and Research” under Anusandhan National Research Foundation (ANRF) Agency with 1, 00, 000 Lakh. The Resource Person was 1. Dr.S.Prabu, Associate Professor, Pondicherry University 2. Mr.M.Maharaj, Founder and CEO, BCBUZZ Technologies Pvt Ltd, Coimbatore 3. Mr. Prabakaran, Senior Machine Learning Engineer, Informatica, Bengaluru 4. Mr. M.Dinesh kumar, Security Researcher, Trellix, Bengaluru.

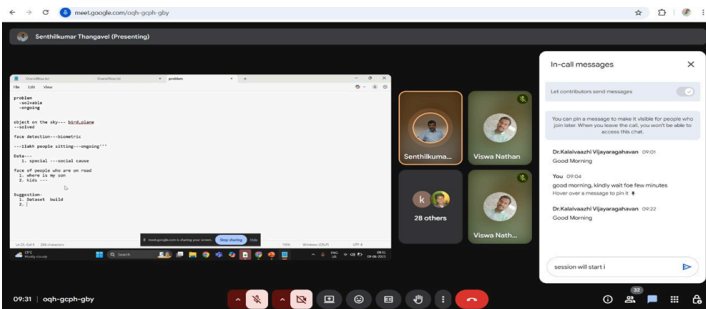


- Intra College Hackathon was organized on 21st & 22nd Feb 2025. The Resource Person was Alumnus.



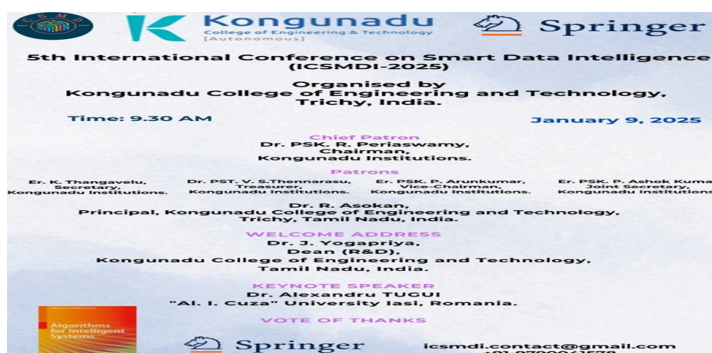
◆ FDP ORGANIZED:

- Five Days Online FDP on “Recent Developments and Research Insights in AI and ML” was organized on 09th to 13th June 2025. The Resource Person was.
- Dr. K. Velmurugan, Professor & Head/CSE, Anjalai Ammal Mahalingam Engineering College.
- Dr. Amrutha Muralidharan Nair, AP/ AI & DS, Adi Shankara Institute of Engineering and Technology.
- Mrs.S.M.Keerthana Assistant Professor, Computer Science and Engineering St. Joseph’s Institute of Technology.
- Gobinath Arumugam, CTO & AI, ML , cybersecurity , IOT XPERT.
- Dr. Senthil Kumar Thangavel, Professor, Amrita School of Computing, Coimbatore.



◆ IEEE EVENTS:

- 5th International Conference on Smart Data Intelligence (ICSMDI-2025) was organized from 09th & 10th Feb 2025. The resource person was Dr. Alexandru Tugui "Al. I. Cuza" University Iasi, Iasi, Romania.



◆ DEPARTMENT ACHIEVEMENTS:

Workshop Participation:

- **Mr. J.Sathishkumar, AP / IT** had attended E-Workshop on “Advanced Applications of AI in Research & Innovation” held at Sri Venkateswara College of Engineering and Technology, Andhra Pradesh from 24.03.2025 to 28.03.2025.

Webinar Participation:

- **Mr.R.V.Viswanathan, AP/IT, Mr.R.Parthiban, AP / IT & Mrs. A.Mohanadevi, AP/IT & Mrs.R.Aruna, AP / IT** had attended webinar on “Outcome Based Education and Accreditation” organized by Skill Activate on 22.03.2025.

Seminar Participation:

- **Mr. J.Sathishkumar, AP / IT** had attended Seminar on “Intellectual Property Rights and their significance in Scientific Research” organized by Amity University on 22.04.2025

FDP Participation:

- **Dr.K.Muthumanickam, Prof./IT** had participated in FDP on “Cyber Security” from 17.03.2025 to 31.03.2025 organized by SkillDzire.
- **Dr.K.Muthumanickam, Prof./IT** had participated in FDP on “AI and Cloud based Tools for Research” from 24.03.2025 to 28.03.2025 organized by Kongunadu College Of Engineering And Technology, Trichy.
- **Mrs.A.Mohanadevi, AP/IT** had participated in FDP on “AI and Cloud Based Tools for Research” from 24.03.2025 to 28.03.2025 organized by Kongunadu College of Engineering and Technology, Trichy.
- **Dr.K.Muthumanickam, Prof./IT** had participated in FDP on “Outcome based Education and Accreditation” from 17.03.2025 to 21.03.2025 organized by NITTR, Bhopal.
- **Mr.J.Sathishkumar, AP / IT** had participated in FDP on “AI Tools” from 17.02.2025 to 21.02.2025 organized by Dayananda Sagar Academy of Technology and Management.
- **Mr.J.Sathishkumar, AP / IT** had participated in FDP on “Methods of Research and Publication Ethics” from 17.02.2025 to 21.02.2025 organized by Kongunadu College of Engineering and Technology, Trichy.
- **Dr.K.Muthumanickam, Prof./IT** had participated in FDP on “Recent Advancements and Challenges in Integration of IoT and 5G/6G Wireless Communication: Building the Next Gen Connectivity” from 03.02.2025 to 08.02.2025 organized by Kongunadu College Of Engineering And Technology, Trichy.
- **Mrs.R.Aruna, AP/IT & Mrs.A.Mohanadevi, AP/IT** had participated in FDP on “Science, Technology and Innovation for Sustainable Development” from 27.01.2025 to 31.01.2025 organized by Kongunadu College of Engineering and Technology, Trichy.

◆ STAFF AWARDS:

- **Dr.J.Preetha, Dean (Academic & IQAC)** received Shero of the year Award organized by THALAIVI AWARDS 2025 held on March 2025.
- **Dr.K.Muthumanickam, Prof. / IT** received Best Paper Award in the “1st International Conference on Sustainable Computing & Intelligent Systems (ICSCIS-2025)” titled “College Survey Data Analysis Dependent on Amazon Cloud Service” held on 21 & 22 March 2025 organized by Research & Development Cell, Poornima University, Jaipur, Rajasthan, India.

◆ STAFF RESOURCE PERSON:

- **Dr.J.Preetha, Dean (Academic & IQAC)**, has acted as a Resource Person on “ICT based STC on science Technology and Innovation for Sustainable Development” Organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh held on 27th to 31st Jan 2025.
- **Dr.J.Preetha, Dean (Academic & IQAC)**, has acted as a Resource Person on Faculty Development Program (FDP) on “Predictive Analysis in Industry Perspective” organized by Finessefleet Foundation and Sanjivani University held on 06th Feb 2025.
- **Dr.J.Preetha, Dean (Academic & IQAC)**, has acted as a Resource Person on Short Term Course on “Outcome based Curriculum Design” organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh held on 12th Feb 2025.
- **Dr.J.Preetha, Dean (Academic & IQAC)**, has acted as a Session Chair on 16th Annual International Conference & Workshop, MULTICON-W 2025 organized by Thakur College of Engineering Technology, Kandivali, Mumbai held on 21st Feb 2025.
- **Dr.R.Sathya, AP / IT** acted as a Resource Person on Innovation & Entrepreneurship Outreach Program in Schools by engaging active Atal Tinkering Labs and School Innovation Council (SIC) organized by Bharathi Vidhyalaya Matric Higher Secondary School in Reddipatti, Namakkal held on 24th Feb 2025.
- **Dr.M.Suganthi, AP / IT** acted as a Resource Person on Research Methodologies in Communications organized by Tirumala Engineering College, Andhra Pradesh held on 20th to 26th Feb 2025.
- **Dr.M.Suganthi, AP / IT** acted as a Resource Person on Seminar session – Inspiring Entrepreneurs Stores of Success organized by Thamirbharani Engineering College, Tirunelveli held on 14th March 2025.

- **Dr.J.Preetha, Dean (Academic & IQAC)**, has acted as a Session Chair on International conference on Computational Intelligence ICCI-2025 organized by K.Ramakrishnan college of Engineering, Trichy held on 21st & 22nd March 2025.
- **Mr. J.Sathishkumar, AP/IT** acts as a Reviewer - 11th International Conference on Biosignals, Images and Instrumentation organized by Sri Sivasubramaniya Nadar College of Engineering from 26th to 28th March 2025.
- **Dr.J.Preetha, Dean (Academic & IQAC)**, has acted as a Session Chair on International conference on sustainable Energy and Innovation Technology (ICSEIT-2025) organized by Stella Mary’s College of Engineering, Chennai held on 11th & 12th April 2025.
- **Mr. J.Sathishkumar, AP/IT** acts as a Reviewer - 11th International Conference on Biosignals, Images and Instrumentation organized by Sri Sivasubramaniya Nadar College of Engineering, from 26th to 28th March 2025.
- **Dr. R.Sathya, AP / IT** acts as a Resource Person in “Innovation & Entrepreneurship Outreach Program in Schools by engaging active Atal Tinkering Labs and School Innovation Council (SIC)” organized by Bharathi Vidhyalaya Matric Higher Secondary School in Reddipatti on 24th Feb 2025.

◆ SELECTED FUNDING PROPOSAL:

- 2-Days National Seminar on “Ethical Considerations in Generative AI for Healthcare: Balancing Innovation and Research” under Anusandhan National Research Foundation (ANRF) Agency with 1, 00, 000 Lakh. The coordinator and co-coordinator are Dr.J.Preetha, Prof. / IT and Mr.R.Planikumar AP/IT.
- Students Project Naan Mudhalvan Niral Thiruvizha 2.0 2025 on “Designing a Real-Time Monitoring System for Comprehensive Patient Management in Government Hospitals” under Niral Thiruvizha. The members are Rima N P, Rasiniya A & Kannika k. The Mentor is Mr.K.S.Manoje, AP/IT.
- Students Project Naan Mudhalvan Niral Thiruvizha 2.0 2025 on “AI-Powered Petition Management and Grievance Resolution System” under Niral Thiruvizha. The members are Abinesh A, Dhanush R J & Mathiyugan R. The Mentor is Mrs. R.Aruna, AP/IT

◆ NPTEL COURSE COMPLETED:

- NPTEL Course on 'Cloud Computing' was completed by Mr.R.V.Viswanathan, AP/IT, during Jan – Apr 2025 with 63%.
- NPTEL Course on 'Cloud Computing' was completed by Mr.Parthiban, AP/IT, during Jan – Apr 2025 with 56%.
- NPTEL Course on 'Introduction to Internet of Things' was completed by Dr.M.Suganthi, AP/IT, during Jan – Apr 2025 with 75%.
- NPTEL Course on 'Systems and Usable Security' was completed by Dr.J.Preetha, AP/IT, during Jan – Apr 2025 with 60%.
- NPTEL Course on 'Cryptography and Network Security' was completed by Dr.J.Preetha, AP/IT, during Jan – Apr 2025 with 71%.

◆ PATENT:

- **Mr. R.Palanikumar, AP/IT** "Method for Producing Natural Fiber-Based Bio-Composites from Banana Leaf Waste for Smart Toy and Decorative Applications". The Application number is filled 202541058354 on 18.06.2025.
- **Dr.K.Muthumanickam, Prof. / IT & Mrs. R.Aruna, AP / IT** "AI Enabled Spider Type Robotic Device for Wall Surface Cleaning and Automated Plaster Repair". The Application number is 202541058353 filled on 18.06.2025.
- **Dr.R.Sathya, AP/IT** "Smart Multi-Functional Led Lamp with Integrated Motion Detection Air Quality Monitoring Alarm System". The Application number is 202541058352 filled on 18.06.2025.
- **Dr. J. Preetha, Prof./IT, Dr. P. Preethi, ASP / IT & A.Mohanadevi, AP/IT** "AI-Controlled Reflective Bird Deterrent Device with Solar-Powered Illumination and Roating Mirror". The Application number is 202541058344 filled on 18.06.2025.
- **Mr. S.Parthiban, AP / IT** "Non-Destructive System and Method for Extracting Core and Sheath Water from Living Banana Plants". The Application number is 202541058345 filled on 18.06.2025.
- **Mr.R.V.Viswanathan, AP / IT & Mr.J.Sathiskumar** "AI-Integrated Solar-Powered Desalination System Using Eco-Friendly Materials for Portable Drinking Water". The Application number is 202541058346 filled on 18.06.2025.
- **Mr. J.Sathishkumar, AP/IT** "Integrating Machine Learning with Traveling Salesman Problem (TSP) for Intelligent Route Optimization in Smart Cities". The Application number is 202541041213 filled on 23.05.2025.

◆ IIT SPOKEN TUTORIAL COURSE:

- IIT spoken tutorial course on "PHP and MySQL" was conducted for Faculty members and 10 Faculty members successfully completed the certification

◆ BOOK PUBLICATIONS:

- Dr.Sarabhavanan, CSE / HOD, Dr.M.Senthilkumar, Prof./AI&DS, Dr.P.Preethi, ASP / IT & Mrs.R.Aruna, AP / IT "Data Structures" Pearson India Education Services Pvt. Ltd, ISBN 978-93-671-3327-9.

◆ BOOK CHAPTER:

- K. Sumathi, P. Pandiaraja, K. Muthumanickam, P. Rajesh Kanna, "Enhancing medical practice with AI innovations in diagnostics and treatment", AIoT and Smart Sensing (CRC Press), Chapter 7, ISBN: 9781032618173, 2025.

◆ FACULTY PUBLICATION IN SCI JOURNAL:

- **Mr. R. V. Viswanathan, AP/IT** 'Enhanced subtraction average- based optimizer and blockchain for security and load balancing in fog computing' Wireless Networks (**SCIE**), <https://doi.org/10.1007/s11276-024-03869-0>.
- **K.S.Manojee, AP/IT** 'Patho-Net: enhancing breast cancer classification using deep learning and explainable artificial intelligence' American Journal of Cancer Research (**SCIE**), DOI: [10.62347/XKFN1793](https://doi.org/10.62347/XKFN1793)

◆ FACULTY PUBLICATION IN SCOPUS JOURNAL:

- P. Pandiaraja, K. Muthumanickam, M. Geetha, P. C. S. Mahesh, V. S K and C. Selvarathi, "An Innovative Method to Detect Cyberbullying on Social Media," 2025 International Conference on Electronics and Renewable Systems (ICEARS), Tuticorin, India, 2025, pp. 855-858, doi: 10.1109/ICEARS64219.2025.10940598.
- **Dr. Preetha Jagannathan, Kalaivanan Saravanan, Subramaniyam Deepajothi, Sharmila Vadivel** "Federated Learning and Blockchain-Based Collaborative Framework for Real-Time Wild Life Monitoring" in Cybernetics and Information Technologies (**Web of Science Core Collection: Emerging Sources Citation Index**) Volume 25, No 1. DOI: 10.2478/cait-2025-0002.

◆ FACULTY PRESENTATION IN CONFERENCE:

- **Sathishkumar J, AP/IT** “Prevention and Early Detection Strategies for Melanoma and Skin Cancer Using a Hybrid Deep Learning Model” 5 th International Conference on Intelligent Technologies (CONIT 2025) held at K.L.E Institute of Technology, Hubballi on 20th to 22nd June 2025.
- **Dr.R.Sathya, AP/IT** ‘Early Risk Detection of Genetic Disorders in Newborns Using Cuckoo Search and Recurrent Neural Networks’ Third International Conference on Augmented Intelligence and Sustainable Systems (ICAISS-2025), CARE College of Engineering Tiruchirappalli, Tamil Nadu, India from 21th to 23rd May 2025.
- **R.Aruna, AP/IT** ‘DDOS Attack Identification using Machine Learning Techniques’ Global Conference in Emerging Technology (GINOTECH) Dr.D.Y.Patil Institute of Technology of Technology, Pimpri, Pune from 09th to 11th May 2025.
- **Dr.K.Muthumanickam, Prof/IT** ‘College Survey Data Analysis Dependent on Amazon Cloud Service’ International Conference on Sustainable Computing & Intelligent Systems (ICSCIS-2025) held at Poornima University, Jaipur, Rajasthan on 21st & 22nd Mar 2025.
- **R.Aruna, AP/IT** ‘Intelligent Autonomous Vehicle Driving using Convolutional Neural Networks’ International Conference on Visual Analytics and Day Visualization (ICVADV-2025) Francis Xavier Engineering College, Tirunelveli from 04th to 06th Mar 2025.
- **K.S.Manojee, AP/IT** ‘Intelligent Autonomous Vehicle Driving using Convolutional Neural Networks’ International Conference on Visual Analytics and Day Visualization (ICVADV-2025) Francis Xavier Engineering College, Tirunelveli from 04th to 06th Mar 2025.
- **Dr.M.Suganthi, AP/IT** ‘Intelligent Autonomous Vehicle Driving using Convolutional Neural Networks’ International Conference on Visual Analytics and Day Visualization (ICVADV-2025) Francis Xavier Engineering College, Tirunelveli from 04th to 06th Mar 2025.
- **Dr.K.Muthumanickam, Prof/IT** ‘College Survey Data Analysis Dependent on Amazon Cloud Service’ International Conference on Sustainable Computing & Intelligent Systems (ICSCIS-2025) held at Poornima University, Jaipur, Rajasthan on 21st & 22nd Mar 2025.
- **R.Aruna, AP/IT** ‘Intelligent Autonomous Vehicle Driving using Convolutional Neural Networks’ International Conference on Visual Analytics and Day Visualization (ICVADV-2025) Francis Xavier Engineering College, Tirunelveli from 04th to 06th Mar 2025.
- **K.S.Manojee, AP/IT** ‘Intelligent Autonomous Vehicle Driving using Convolutional Neural Networks’ International Conference on Visual Analytics and Day Visualization (ICVADV-2025) Francis Xavier Engineering College, Tirunelveli from 04th to 06th Mar 2025.
- **R.Palani Kumar, AP/IT** ‘Intelligent Autonomous Vehicle Driving using Convolutional Neural Networks’ International Conference on Visual Analytics and Day Visualization (ICVADV-2025) Francis Xavier Engineering College, Tirunelveli from 04th to 06th Mar 2025.
- **Dr.K.Muthumanickam, Prof/IT** ‘An Innovative Method to detect Cyberbullying on social media’ 3rd International Conference on Electronics and Renewable Systems. (ICEARS 2025) held at St. Mother Theresa Engineering College, Thoothukudi from 11th to 13th Feb 2025.
- **A.Mohanadevi, AP/IT** ‘Implementation of Inception V3 Model for Skin Disease Detection and Classification’ 6th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2025) held at Purbanchal University, Nepal on 07th & 08th Jan 2025.
- **A.Mohanadevi, AP/IT** ‘Implementation of Inception V3 Model for Skin Disease Detection and Classification’ 6th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2025) held at Purbanchal University, Nepal on 07th & 08th Jan 2025.

◆ STUDENTS ACHIEVEMENTS:

- **Hariharan M of IV Information Technology** won First Prize in “ISTE Sponsored National Level Project Contest” organized by Velammal College of Engineering and Technology on 21.03.2025.

- **Shahira Begam A, Lidiya R, Arthee U K & Archana U K of III Year** Information Technology won Second Prize in “Fiestaa 25 - Paper Presentation” organized by KPR Institute of Engineering and Technology on 15.03.2025.
- **Gayathri R, Prassheetha S, Monisha B, Rohini P & Harini K of III Year** Information Technology won Third Prize in “Fiestaa 25 - Paper Presentation” organized by KPR Institute of Engineering and Technology on 15.03.2025.
- **Logeshwaran V & Thilak P of III Year** Information Technology won Third Prize in “ADCET Hackathon Season – II” organized by Annasaheb Dance College of Engineering and Technology, Ashta on 27 & 28.02.2025.
- **Lidiya R of III Year** Information Technology won Second Prize in “Tezario Hackathon - 2025” organized by Kongunadu College of Engineering and Technology on 21 & 22.02.2025.
- **Shahira Begam A of III Year** Information Technology won Second Prize in “Tezario Hackathon – 2025” organized by Kongunadu College of Engineering and Technology on 21 & 22.02.2025.
- **Hariharan M of IV & Srinithi G of II Year** Information Technology won 10th Position in “Health Hackathon” organized by BHOPAL UNIVERSITY, INDIA JOHNS HOPKINS UNIVERSITY on 18 & 19.02.2025.
- **Simon Marshal I, Abubakkar Siddiq A & Gowdish S of III Year** Information Technology won Second Prize in “Tezario Hackathon – 2025” organized by Kongunadu College of Engineering and Technology on 21 & 22.02.2025.
- **Kalaiselvi S of III Year** Information Technology won Second Prize in “Innovista” organized by P.A College of Engineering and Technology on 22.02.2025.
- **Dharshini S & Rithika S of II Year** Information Technology won First Prize in “SCHWAN TECH 2.0” organized by Kongunadu College of Engineering and Technology on 12 & 13.02.2025.
- **Hariharan M of IV & Hariprasath S of II** Information Technology won Third Prize in “CMR Hackfest 2.0” organized by CMR College of Engineering and Technology on 31 & 01.02.2025.
- **Yuthika M, Vasundara S & Sahana M of II Year** Information Technology won Third Prize in “Artiverse 2.0 Hackathon - 2K25” organized by Kongunadu College of Engineering and Technology on 31 & 01.02.2025.

◆ NPTEL COURSE COMPLETED:

- **07 Students from Second year** have successfully cleared the NPTEL Course on ‘Introduction to internet of Things’ during Jan to April 2025.

- **11 Students from Third year** have successfully cleared the NPTEL Course on ‘Cloud Computing’ during Jan to April 2025.

◆ IIT SPOKEN TUTORIAL PARTICIPATION:

- IIT spoken tutorial course on “**RDBMS PostgreSQL**” was conducted for II year IT Students, out of **65** students, **59** Students successfully completed the certification Course.
- IIT spoken tutorial course on “**RDBMS PostgreSQL**” was conducted for III year IT Students, out of **64** students, **59** Students successfully completed the certification Course.
- IIT spoken tutorial course on “**RDBMS PostgreSQL**” was conducted for IV year IT Students, out of **68** students, **61** Students successfully completed the certification Course.

◆ PROJECT EXPO BY STUDENTS:

- **Hariharan M of II Year** Information Technology participated in Project Contest in National Level Project Contest 3 organized by Velammal College of Engineering and Technology on 21.03.2025.
- **Yuthika M of II Year** Information Technology participated in Project Presentation in Fiestaa 25 organized by KPR Institute of Engineering and Technology on 15.03.2025.
- **Akash Kanna A, Abubakkar Siddiq A, Gowdish S, Sathishkumar N, Logeshwaran V of III Year** Information Technology participated in Project Engine in National Level Technical Symposium organized by Kongu Engineering College on 10.03.2025.

◆ HACKATHON BY STUDENTS:

- **Harini B, Kalaiselvi S & Kanya B K of III Year** Information Technology Participated in TANCAM'S Hackathon For Tamilnadu Women in Science and Engineering (TNWISE 2025) - Water and Agriculture organized by Periyar Maniammai Institute of Science and Technology on 21.03.2025.
- **Anushuya R, Eswari L R & Sadhana Kamaraj of II Year** Information Technology Participated in Singularitynet Hackindia 2025 organized by Hackindia2025 on 17 & 18.03.2025.
- **Dineshkumar S & Karthikeyan S of II Year** Information Technology Participated in Singularitynet Hackindia 2025 organized by Hackindia2025 on 17 & 18.03.2025.

- **Sathishkumar N, Gowdish S, Abubakkar Siddiq A & Lokesh Kumar R M of III Year** Information Technology Participated in National level Hackathon' 25 Grand Finale organized by CARE College of Engineering on 14 & 15.03.2025.
- **Samyugtha S, Dharshika M, Kabilan M, Surya Prasath J A, Prakashini M, Dharanai C & Parameshwari S f II Year** Information Technology Participated in Smartathon - 24 Hr National Level Hackathon organized by St.Joseph's College of Engineering on 27 & 28.02.2025.
- **Nathiya B & Nithya M of II Year** Information Technology Participated in ElecTroblitz 2k25 - 30 Hrs Intra College Hackathon organized by Kongunadu College of Engineering and Technology on 21 & 22.02.2025.
- **Sridhar M & Gowdish S of III Year** Information Technology Participated in ElecTroblitz 2k25 - 30 Hrs Intra College Hackathon organized by Kongunadu College of Engineering and Technology on 21 & 22.02.2025.
- **Nithya R, Pooja R, Mohamad Farees J, Rithika S, Dharshini S & Srinithi G of II Year** Information Technology Participated in Health Hackathon organized by VIT Bhopal University, Johns Hopkins University (JHU) on 18 & 19.02.2025.
- **Kevin J, Vishal R, Archana U K, Aarthee U K, Ajay K, Monisha B, Prasheetha S & Gayathri R of III Year** Information Technology Participated in Health Hackathon organized by VIT Bhopal University, Johns Hopkins University (JHU) on 18 & 19.02.2025.
- **Dharshika M of II Year, Levin R, Gowdish S & Abubakkar Siddiq A of III Year** Information Technology Participated in Genesis - 30 Hrs Hackathon organized by Kongunadu College of Engineering and Technology on 14 & 15.02.2025.
- **Sadhana Kamaraj of II Year** Information Technology Participated in Schwan Tech 2.0 - 24 Hrs Intra College Hackathon organized by Kongunadu College of Engineering and Technology on 14 & 15.02.2025.
- **Ajay K, Gowdish S & Hariharan M of III Year** Information Technology Participated in CMR Hackfest 2.0 organized by CMR College of Engineering and Technology on 01.02.2025.

◆ PAPER PRESENTATION BY STUDENTS:

- **Rohini P & Harini K of III Year** Information Technology presented paper in "Fiestaa 25" organized by KPR Institute of Engineering and Technology on 15.03.2025.
- **Rithika S of II Year** Information Technology presented paper in National Level Technical Symposium organized by Selvam College of Technology on 14.03.2025.
- **Vasundara S & Yuvakarthyayanee S of II Year** Information Technology presented paper in Intercollegiate Technical and Cultural organized by KIT Kalaigarkarunanithi Institute of Technology on 01.03.2025.
- **Santhiya R & Kalaiselvi S of III Year** Information Technology presented paper in National Level Technical Symposium organized by P.A College of Engineering and Technology on 22.02.2025.
- **Prakashini M of II Year** Information Technology presented paper in National Level Technical Symposium organized by Sri Eshwar College of Engineering on 20.02.2025.
- **Vikram K, Abinesh S V, Sridhar M & Kavibalan B of III Year** Information Technology presented paper in National Level Technical Symposium organized by Hindusthan College of Arts and Science on 18.02.2025.
- **Vikram K & Kavibalan B of III Year** Information Technology presented paper in National Level Technical Symposium organized by Karpagam academy of Higher Education on 17.02.2025.
- **Bhuvaneshwari S of II Year** Information Technology presented paper in National Level Technical Symposium organized by Bannari Amman Institute of Technology on 15.02.2025.
- **Dheena R, Kanishka N, Dharanya K & Sahana M of II Year** Information Technology presented paper in "Paper'nza " National level Technical Symposium organized by Bannari Amman Institute of Technology on 15.02.2025.
- **Buvaneswaran R, Srisanjay K, Surya P, Gayathri J, Harini B, Pooja R, Sowmiya P, Swetha V, Abinaya V & Nithya M of III Year** Information Technology presented paper in National Level Technical Symposium organized by Kongu Engineering College on 13.02.2025.
- **Rajashree Chinnamani & Nithya M of II Year** Information Technology presented paper in National Level Technical Symposium organized by Kongu Engineering College on 13.02.2025.

◆ CONFERENCE PRESENTATION BY STUDENTS:

International Conference:

- **B. Abishek, K. Sabari & G. M. Tanishkumar of III Year** Information Technology presented paper on “Deep Learning based Pneumonia Diagnosis from Radiological Images” 5th International Conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'25) held at Kongunadu college of engineering and technology on 28 & 29.03.2025.
- **G. R. Rahul, N. Sathish kumar & S. M. Sundaraguru of III Year** Information Technology presented paper on “IOT-Smart Electricity Reading Meter” 5th International Conference on Innovations in Electrical, Information and Communication Engineering” Kongunadu college of engineering and technology on 28 & 29.03.2025.
- **V. Abinaya, U. K. Archana & P. Rohini of III Year** Information Technology presented paper on “AI powered Real-Time Traffic Safety Monitoring using Multi-Object Detection” Muthayammal college of Engineering on 28.03.2025.
- **B. Kavibalan & M. Sridhar of III Year** Information Technology presented paper on Developing an AI based interactive chatbot for the department of Justice” 5th International Conference on Innovations in Electrical, Information and Communication Engineering(ICIEICE'25) held at Kongunadu college of engineering and technology on 28.03.2025.
- **U. K. Aarthee, B. Monisha & A. Shahira begam of III Year** Information Technology presented paper on “Skin Cancer Detection using AI Powered Algorithm”, 5th International Conference on Innovations in Electrical, Information and Communication Engineering(ICIEICE'25) held at Kongunadu college of engineering and technology on 28.03.2025.
- **J. Gayathri, S. Kalaiselvi & B. Harini of III Year** Information Technology presented paper on “IOT- Driven Waste Management: Real-Time Segregation & Monitoring” 9th International Conference on Engineering Technology and Science (ICETS' 25) held at Muthayammal college of Engineering on 28.03.2025.
- **R.M.Lokesh kumar, J. Kevin & T. Vignesh of III Year** Information Technology presented paper on “AI - Powered Personalized Recipe Generator” 9th International Conference on Engineering Technology and Science (ICETS' 25) held at Muthayammal college of Engineering on 28.03.2025.
- **B. Bavin, M. Hariharan & K. Sivasundharraj of III Year** Information Technology presented paper on “Smart Health Card for Rural Community” 9th International Conference on Engineering Technology and Science (ICETS' 25) held at Muthayammal college of Engineering on 28.03.2025.
- **A. Akash kanna, S. Shanjay & P. Thilak of III Year** Information Technology presented paper on “Stroke detection hand band using EMG” International Conference on Innovative Research in Engineering and Technology (ICIRET -2025) held at A.V.C. College of Engineering on 28.03.2025.
- **S. V. Abinesh, R. Levin & R. Vishal of III Year** Information Technology presented paper on “Smart Light Path using IOT” International Conference on Innovative Research in Engineering and Technology (ICIRET -2025) held at A.V.C. College of Engineering on 28.03.2025.
- **K. Harini & B. K. Kanya of III Year** Information Technology presented paper on “Deep Learning - Based Identification of Medicinal Plant Species with MOBILENETV2” held at Muthayammal college of Engineering on 28.03.2025
- **Sivanesan M, Praveen P & Vishal S of IV Year** Information Technology presented paper on “Real Time Data Encryption and Decryption Using IOT” 6th International Conference on Computational Intelligence and Industry 5.0 – ICCII 2025 held at Velammal Institute of Technology on 21 & 22.03.2025.
- **Dhanush R J, Abinesh A & Mathiyugan R of IV Year** Information Technology presented paper on “Intelligent autonomous vehicle driving using Convolutional Neural networks’ International Conference on Visual Analytics and data Visualization held at Francis Xavier Engineering College on 04 to 06.03.2025.
- **Janani E, Trisha M & Dhivya S of IV Year** Information Technology presented paper on “AI Powered Ayurvedic Leaf Prediction and Disease Classification: A Comprehensive Analysis” networks’ International Conference on Visual Analytics and data Visualization held at Francis Xavier Engineering College on 04 to 06.03.2025.
- **Shivaani M, Nikitha Vardhini V & Ramya Dharshini D of IV Year** Information Technology presented paper on “An IOT Based AI –Driven System for Automated Classification and Segregation of Ayurvedic Leaves in Agricultural Applications” International Conference on Visual Analytics and data Visualization held at Francis Xavier Engineering College on 04 to 06.03.2025.

◆ National Conference:

- **A. Abubakkar siddiq, M. Gokul sanjay & S. Gowdish of III Year** Information Technology presented paper on “AI assisted alzheimer’s disease detection using Deep learning” National Level Conference on Innovations in information, Computing, and Artificial Intelligence Technology (NCICAIT 2K25) held at Selvam college of technology on 07.04.2025.
- **M. Dhivya, R. Lidiya & P. Sowmiya of III Year** Information Technology presented paper on “AI-Powered Early Stage Ovarian Cancer Prediction using Deep Learning Techniques” National Level Conference on Innovations in information, Computing, and Artificial Intelligence Technology (NCICAIT 2K25) held at Selvam college of technology on 07.04.2025.

◆ **INTERNSHIP:**

- Accent Techno Soft (ATS), Coimbatore
- Appin Technology, Coimbatore
- Astonish Infotech Private Ltd., Tiruchirappalli.
- Computational Intelligence Research Foundation, Chennai.
- DLK Software Solutions, Chennai.
- ESOFIT IT Solution, Tiruchirappalli
- Fantasy solution, Tiruchirappalli.
- Media Wave Technologies, Tiruchirappalli.
- Next Future Generation, Thanjavur
- Next Future Technology Private Limited, Thanjavur
- Prompt infotech, Coimbatore.
- Sparkout Tech solutions Pvt Ltd., Coimbatore
- Speculation Info Tech, Tiruchirappalli.
- Techvolt Software Pvt Ltd, Coimbatore
- Uppin Technology, Coimbatore
- Zenth Tech, Dharmapuri.

◆ **VALUE ADDED COURSE:**

- Value Added Course on **VACIT10 - Exploring IDE and Open Source tools for Cyber Security** was conducted for **III-year IT Students, 64 Students** successfully completed. The Course conducted by Mr. Dinesh Paranthagan, Ethical Hacker, Hackup Technology Pvt. Ltd, Coimbatore.

- Value Added Course on **VACIT11 - Advanced Cyber Security through Penetration Testing** was conducted for **III-year IT Students, 64 Students** successfully completed. The Course conducted by Mr. Dinesh Paranthagan, Ethical Hacker, Hackup Technology Pvt. Ltd, Coimbatore.
- Value Added Course on **VACIT12 - Cyber Security Essentials** was conducted for **II-year IT Students, 67 Students** successfully completed. The Course conducted by Mr. Dinesh Paranthagan, Ethical Hacker, Hackup Technology Pvt. Ltd, Coimbatore.

◆ **INDUSTRIAL VISIT:**

- Absolve tech Pvt. Ltd., Madurai
- Dot Com Infoway, Madurai
- Xplore IT Corp, Coimbatore
- Kerala Electrical & Allied Engineering Co. Ltd., Kerala
- TECHVOLT Software Pvt. Ltd., Coimbatore

◆ PLACEMENT:

Name of The Company	Number of Students Placed	Salary
CTS	05	4 – 6.7 LPA
TCS	01	3.45 LPA
Infosys	02	3.6 LPA
Techvolt Software Pvt. Ltd.	04	2.4 LPA
KG Invicta Services Pvt. Ltd	05	2.83 LPA
VDart Software Services Pvt Ltd	02	1.92 LPA
VR Della IT Services	07	2.8 LPA
Omega Healthcare	05	3 LPA
Think Global Technologies Pvt.Ltd.,	01	3.6 LPA
ADROIT Technologies Ltd.,	04	3.5 LPA
Webberax	01	3.12 LPA
Sutherland Global Services	32	2.5 LPA
Pegatron Technology Pvt,Ltd	11	2.5 LPA
Mitsuba India Pvt.Ltd	40	2.4 LPA
NetoAI	01	5 LPA
Qgate	06	1.56 LPA
Vee Technology	03	3.7 LPA
VIZZA Insurance Service	02	1.8 LPA

COLLEGE VISION / MISSION

VISION

“To become an internationally renowned Institution in technical education, research and development, by transforming the students into competent professionals with leadership skills and ethical values.”

MISSION

- Providing the Best Resources and Infrastructure.
- Creating Learner centric Environment and continuous –Learning.
- Promoting Effective Links with Intellectuals and Industries.
- Enriching Employability and Entrepreneurial Skills.
- Adapting to Changes for Sustainable Development



KONGUNADU

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