# ACSCON-2026
# SESSION SCHEDULE (Offline)

**Session Chair:** Dr. T. Senthil Kumaran Dean R&D ; Dr. Rekha P. M. (JSS ATE) Dean **Venue:** 1st floor Seminar Hall

**Date: 29-05-2026** **Session : 1(Offline)** **Time:1.30pm to 4.00pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Co-Ordinator |
|---|---|---|---|---|---|
| 1 | 396 | AI-Driven Chaotic System for Secure Image Encryption and Decryption using Simulink | Dr L Rangaiah, Apoorva S, Harshitha V M, Kavyashree D R, Maithry S Rao | Raja Rajeswari College of Engineering | Mr. Nithin M (CSE) Mob: 6382143279 |
| 2 | 433 | A Hybrid Multi-Modal AI Orchestration Framework for Scalable Agricultural Decision Support Systems | Keerthana K V, Prajwal M., H Amit Kumar, Deepak C Yadav, Raksha R | Jss Science Technology University Mysore(29th May) | |
| 3 | 107 | Secure messaging application using post quantum cryptography | Mr. Panchaxari Mamadapur, Ranjitha T, Shravani Ranganath, Sahana, C. Kirdi | Dr.ACS College of Engineering | |
| 4 | 245 | SmartConnect – AI Powered LinkedIn Outreach Automation | Sowmya M, Anagha K M, Keerthana M | Nitte Meenakshi Institute of Technology(NMIT) | |
| 5 | 38 | Real-Time DdoS Attack Detection and Mitigation Techniques | Mohammad Rizwan Ahmed, Sweta Pathak, Syed Hammad Yaseen, Sanjana R | Dr.ACS College of Engineering | |
| 6 | 62 | Financial Fraud Detection Using Artificial Intelligence and Machine Learning | Divya S, Ajay M , Aisiri N, Bharath Gowda N, Disha Gopal | Dr.ACS College of Engineering | |
| 7 | 466 | SLD-Spec Framework: A Multi-Modal Approach for Automating and Verifying Formal Specifications in High-Integrity Software | G. Venkata Sai, K. Shanmuk Sai Kumar, P. Mahesh Babu, M.S. Megha Shree, Ganga Holi | Alliance university | |
| 8 | 63 | Machine learning-based phishing attack detection with alert aggregation | Muhammad Owais, Aishwarya K, Aruna L , Bhoomi E Gorpade, Darshini M L | Dr.ACS College of Engineering | |
| 9 | 236 | Automated Plastic Waste Detection and Classification Using Optimised YOLOv8 Framework | R H , Mayur , M, Sowmya ; R, Varshini | Nitte Meenakshi Institute of Technology(NMIT) | |
| 10 | 55 | Pill-Pal: The Smart Medication Companion | Sowmya C G, Chaitra Gubbi, Nandika BU, Vidya Hegde | Dr.ACS College of Engineering | |
| 11 | 455 | Edge-AI Enabled Multi-Violation Traffic Monitoring System for Smart Cities | Lavanya.P.S., Ms.V.K.G.Kalaiselvi, Mr. P.Selvakumar | Misrimal Navajee Munoth Jain Engineering College, Sri Sairam Engineering College | |
| 12 | 35 | An ML-Driven Text Mining Framework for Public Complaint Classification and Analysis | Rajeshwari. M, Ajay Tejaas , Akaash M S, Bhuvan K S, Gagan B M | Dr.ACS College of Engineering | |

**Session Chair:** Dr. Siva Kumar, Dr. Jyothi A. P., HOD (RUAS) **Venue:** 103 (First floor)

**Date :29-05-2026** **Session :2(Offline)** **Time:1.30pm to 4.00pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Co-Ordinator |
|---|---|---|---|---|---|
| 1 | 100 | AgriBot AI: Multilingual Tomato Disease Detection and Voice Advisory System with Chatbot | Harshith D. N, Ramesh Marathi, Nethravati T.L | Nitte Meenakshi Institute of Technology(NMIT) | Mr. Venkatesh Kumar M (CSE) Mob: 9632632850 |
| 2 | 118 | Secured Banking System Using Blockchain Technology | Muhammad Owais A, Pavithra M, Meghana S, Musaib Fayaz Bhat | Dr.ACS College of Engineering | |
| 3 | 115 | Solar powered electric vehicle with a battery swapping system | Prof. Chaithanya S, K Kiran N Swamy, Balaji T, Ajay K N | Raja Rajeswari College of Engineering | |
| 4 | 8 | Integrated E-Learning Platform: Merging AI Driven Learning with Campus Academic Management | Lakshmi G, Ansh Jamwal, Abdul Aleem, Anant Raj, Mohammad Salman Allai | Dr.ACS College of Engineering | |
| 5 | 31 | Intrusion detection using ml and dl | Nazneen Taj, Preksha HP, Disha SP | Dr.ACS College of Engineering | |
| 6 | 11 | Federated Learning for Electric Vehicle Routing and Charging Station Location | K P Suprith Patil, Anu D, Siddarth T, S Tejaswi Naidu, Phalani Kumar, Pavan saiteja | Nitte Meenakshi Institute of Technology(NMIT) | |
| 7 | 53 | GPS Based Ticketing System with Real time SMS updates | Aishwaryaa L K , Jeevan H Gowda, Deeksha Rajgopal, Mohith K, Nagaveni H | Dr.ACS College of Engineering | |
| 8 | 491 | Automated Unusual Event Detection | Mr. Praveen A Patil, Kusuma M N, Kusuma M N, Fahad Sheriff, Rahul S | Dr.ACS College of Engineering | |
| 9 | 352 | A Neuro-Symbolic Framework for Explainable Automated Grading of Handwritten Responses via TrOCR and Knowledge Graph Reasoning | Dr. Ravi Lanke, Aayush JP, Chethan Kumar HL, Varun R, MM Neel Kariappa, Santholin Furtado | Jain(Deemed-to-be) University | |
| 10 | 54 | Brain Tumor Detection using Machine Learning | Vishaka Rani Chandramule, Bhagyalaxmi S R, Chaithanya B D, Diya P S | Dr.ACS College of Engineering | |
| 11 | 27 | UPI Fraud Detection System Using Ensemble Models | Sanjana R , Amrutha A, Hithashree K, Karishma I | Dr.ACS College of Engineering | |
| 12 | 30 | Graph Neural Network and Auto encoder for Credit Card Fraud Prevention | Nazneen Taj , Aishwarya M, Samruddhi BS | Dr.ACS College of Engineering | |

**Session Chair:** Dr. Rangaiah,Dean Academics; Dr. D Helena Margaret **Venue:** 2nd floor Seminar Hall (213)

**Date :29-05-2026** **Session :3 (Offline)** **Time:1.30pm to 4.00pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Co-Ordinator |
|---|---|---|---|---|---|
| 1. | 93 | Personalized Gap Analysis in Student Learning Trajectories | Prof. Akshitha Katkeri, Nidhi Khadabadi, Nidhi Kedilaya | BNMIT | Ms. Rajeswari M (CSE) Mob: 8148363463 |
| 2. | 60 | Sleep Disorder Prediction using Machine Learning | Archana N G, Prathiksha A.H , Kusuma C, Priya P | Dr.ACS College of Engineering | |
| 3. | 429 | ML based Self Driving Car | Prathush H., Likith S., Manoj S., Rakesh K S, P. Susheelkumar Sreedharan | CMR Institute of Technology, Bangalore | |
| 4. | 61 | AI based skin cancer detection system | Venkatesh Kumar M, Pushpa R , Sneha N, Vidhyashree N, Rakshita Venkatesh Uppar | Dr.ACS College of Engineering | |
| 5. | 247 | AI powered traffic management | Dr. Haritha K S,Kushal B, Anoop B Patel, Chandana VS,Aman Maharathi | Raja Rajeswari College of Engineering | |
| 6. | 68 | Multi-Human Behaviour Analysis | Dr. Siva Sundara Pandian. S, Chetan koparde, Chethan.S, GaneshKumar Bijjal | Dr.ACS College of Engineering | |
| 7. | 43 | Medical diagnosis system using Artificial Intelligence and Machine learning | Rajeshwari. M, Mohammed Saifulla, Mohammed Ayaan R, Mohammed Faraz | Dr.ACS College of Engineering | |
| 8. | 256 | Brain Wave Controlled Electric Vehicle Powered by Solar Energy | Dr. Deepika J, I Vasanthi, Bhumika M, Ananya P Gowda, Kushali Gowda K G | Raja Rajeswari College of Engineering | |
| 9. | 46 | AI Driven Exercise Prescription for Chronic Low Back Pain Using Wearable Sensors | Dr. Hariharasudhan V. G. Neha Vinod P, Anusha M, Sapna GR, Umrana Laeeqh | Dr.ACS College of Engineering | |
| 10. | 87 | Social Media Text Analysis for Mental Health | Shruthi B L, Suraj B , Sanjeev Hegde, Sanjay Marathi | Dr.ACS College of Engineering | |
| 11. | 94 | Deep Nemo Scan | Mrs Lakshmi G, Rashika N, Shifa Naaz, Sinchana B | Dr.ACS College of Engineering | |
| 12. | 259 | Wearable Non-Invasive Diabetes Monitoring System with Cloud Connectivity | Suresh M, Shubha N, Vachanashri Paramesh Yadiyapur, Vishwanath Chandrashekar Kumbar, Vismaya K V | Raja Rajeswari College of Engineering | |

**Session Chair:** Dr.S. Divya; Prof. C. Sundar Pillai **Venue:** 5th floor seminar hall (512)

**Date :29-05-2026** **Session :4 (Offline)** **Time:1.30pm to 4.00pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Co-Ordinator |
|---|---|---|---|---|---|
| 1 | 377 | Confab AI: A Context-Aware Conversational Agent Platform for Intelligent Meetings | Raksha R, Hitanshi Singh, Shubham Kumar, Prahlad P. Tantry, Thejas M. U | JSS Science and Technology University | Mr. Muhammad Owais A (CSE) Mob: 9750686862 |
| 2 | 5 | Smart Agriculture using AI – An Integrated approach for Soil analysis, Irrigation, Crop-fertilizer recommendations, and Market price analysis | Dr. N Durga Indira, Manisha R, Nandini KR, Poorvika MC, Priyanka Shankrappa Sankanagowda | Dr.ACS College of Engineering | |
| 3 | 326 | Diabetic Macular Edema Detection in Retinal OCT Images Using a CNN–Vision Transformer Hybrid Model | Sujay M, Vignesh B, Abhinav K, Mrs. Geetha C | SRM Institute of Science and Technology | |
| 4 | 104 | Smart food recognition & personalized diet planner (Nutritrack) | Siddeshwar Reddy, Srinath M, Mrs. Divya P, Venkatesh BL, Rangaswamy C | Dr.ACS College of Engineering | |
| 5 | 110 | Intelligent traffic management for congestion control using YOLO algorithm | Mrs. Susmitha B C, Nithin Nicholas, Tejas J, Tejashwini B, Ujwal Gowda V | Dr.ACS College of Engineering | |
| 6 | 314 | Weather Vibe: A Real Time Weather App | Sahaj Dubey , Priyanshu Yadav, Mr.Kushala.M.V, Dr. Ajay Prakash B V, Dr. Bharath V S. | Dr. Ambedkar Institute of Technology, Bangalore | |
| 7 | 89 | Wi-Fi driven non-reciprocal RIS | Dr. SivaSundaraPandian. S, Yashas Gowda, Shashank gouda Sanbal , Subrahmanya, Raghuveer G Gouda | Dr.ACS College of Engineering | |
| 8 | 77 | Decentralized Voting System Using Blockchain and Cloud Integration | Lakshmi Priya P, Mayank Tiwari, Kalpak K, Mayank Mishra, Mayank Shekhar | Dr.ACS College of Engineering | |
| 9 | 412 | Autonomous Vehicle Navigation in curved roads with Landslide Monitoring and Collision Avoidance | Dr. Vinoth Kumar S, Swathi A, R. Kamalesh, K. Dheeraj | Atria Institute of technology | |
| 10 | 42 | Development of an Alternative Technology for Blood Vessel Blockage Detection Using Photoacoustic Imaging | Dr. P Bhuvaneswari , Harshitha M K, Ms. Nisraga K R, Sucharitha A C | Dr.ACS College of Engineering | |
| 11 | 261 | An Intelligent Tumor Detection System For Cervical Cancer Using Artificial Neural Network | Aishwaryaa L K, Meghana K | Dr.ACS College of Engineering | |
| 12 | 295 | Development of a 3D-Printed Biodegradable Polymeric Ureteral Stent | Aaliya Nausheen, Drishya Bhandary, Kumkum Bharadwaj, Nehasri SH, Mr K Ram kumar | Dr.ACS College of Engineering | |
| 13 | 379 | AI-Based Cyber Threat Detection Using NSL-KDD Dataset and Machine Learning Approaches | K.P. Sangeetha ,Priyanka K, Rachana H C, Anusha C V | Dr.ACS College of Engineering | |

**Session Chair:** Dr. Nazneen Taj; Dr. J Amutharaj **Venue:** 303 (Third floor)

**Date :29-05-2026** **Session :5 (Offline)** **Time:1.30pm to 4.00pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Co-Ordinator |
|---|---|---|---|---|---|
| 1 | 2 | Early ASD Insight -Autism Spectrum Disorders | Samir Kumar, Srinivas Reddy, Sujal Narayan, Utkarsh Singh, Santhosh M | Dayananda Sagar University | Ms. Chandrakala G S (ECE) Mob: 9886107340 |
| 2 | 120 | AI And ML Application in Healthcare Sector | Panchaxari M, Kruthika G, Kushi R, Manohari N, Nishtha Singh | Dr.ACS College of Engineering | |
| 3 | 131 | Autonomous Gas detection robot for industrial environment and disaster response | Mr. Praveen A Patil, Parikanksha V, Yashas N Naik, Pallavi S, Vidyashree S Badigere | Dr.ACS College of Engineering | |
| 4 | 91 | Hybrid Green CI/CD Framework: Real-Time Carbon-Aware Scheduling for Sustainable Software Delivery | Kalyani, Samarth, H M, Sharvari, C, Harshit, M D, Swetha | BNMIT | |
| 5 | 134 | A hybrid approach for the disaster prediction using ml and iot | Ms. Archana N G, Ashwini S Sunkad, Archana M, Bindhu J M | Dr.ACS College of Engineering | |
| 6 | 291 | Generative AI of Synthetic Medical Image Generation to Aid Diagnosis | Lokapriya S, Dr. A. Shanthini | Infosys | |
| 7 | 138 | Blood Group Detection with Fingerprint Using ML | Ms. Tanushree K S, Ms. V K Savitha, Ms. Spandana N S, Ms. Ranjitha H N, Dr. Sumitha Manoj | Dr.ACS College of Engineering | |
| 8 | 139 | IoT based Manhole Monitoring | Ms. Deepa Srinivasa, Vijayalaxmi R, Mala Gouda, Sindhu Naik | Dr.ACS College of Engineering | |
| 9 | 144 | Electronic health record using blockchain | Lakshmi, Karthik Kp, Mohammed Sinan MK | Dr.ACS College of Engineering | |
| 10 | 307 | An End-to-End Machine Learning Framework for Longitudinal Analysis of BTI Corruption Perception Index(2006-2024) | Dr. R Maivizhi, Apoorva Bharti, Kavin Bharathi | SRM Institute of Science and Technology | |
| 11 | 497 | "SMART RAILWAY MONITORING SYSTEM" | Mrs. Chandrakala G S, Navaneeth Gowda BR, Sachin P, Shashank VM, Sumanth MK | Dr.ACS College of Engineering | |
| 12 | 348 | Smart rPPG and Optical-Flow Based Remote Vital Signs Monitoring System | Pranav Hoysala, Dr. P. Bhuvaneswari, Pavan M R, Nandini R, Varshitha S Y | Dr.ACS College of Engineering | |
| 13 | 381 | E-Wallet Security using Blockchain Technology | K.P. Sangeetha, Gunavathi C, Harshitha N, Veena AH | Dr.ACS College of Engineering | |

**Session Chair:** Dr. Suresh C.;Dr. H S Siddhesha **Venue:** 3rd floor Seminar Hall (313)

**Date :29-05-2026** **Session :6(Offline)** **Time:1.30am to 4 pm**

| S.No. | Paper ID | Title | Authors | Affiliation | **Session Co-Ordinator** |
|---|---|---|---|---|---|
| 1 | 233 | Development and Characterization of Natural Fibre Reinforced Polymer Composite forHelicopter Tail Rotor Blade | Brahmendra E, Narayana Gowda S, Anand A, DhanyaPrakash R, Babu | Dr.ACS College of Engineering | Mr. Abhishek K (BME) Mob: 9538797815 |
| 2 | 441 | Ultrafine grain structure development in Aluminum alloy Processed by Cyclic Constrained Groove Pressing | Abhishek Mahadev Mogar*, Hemanth Kumar K, Keerthi kumar, Dundeshi Madar, Jayanth M, H S Siddesha | Dr.ACS College of Engineering | |
| 3 | 444 | Investigations on Stresses and Displacements of Annular Rotating Disc using FEA | Tejas V*, Nikhil Das S, Dr. H S Siddesha | Dr.ACS College of Engineering | |
| 4 | 499 | Thermal Properties of Composite Materials: A Comprehensive Review of Heat Transfer Behavior, Characterization Techniques, and Aerospace Applications | Prof.Omkar Pandey. Akshita Injallikar, Deeksha V, Gagana G, Gunashree K, Jayashree R | Dr.ACS College of Engineering | |
| 5 | 500 | Computational Analysis of Ramjet | Prof.Omkar Pandey, Anuj Karthik S, Gagan.P, Gaganesh.L, Charan Simha S U, Hruthvik Sagar.S | Dr.ACS College of Engineering | |
| 6 | 501 | Boron Nitride Nanotubes (BNNTs) as Thermal Management Fillers in High-Temperature Structural Composites | Prof.Omkar Pandey, Dabasiya Rajan Arvind, Samanvita Kulkarni, Keerthana L,<br>Nandini Rani,, Chaya R | Dr.ACS College of Engineering | |
| 7 | 505 | Piezoelectric Nanocomposites for Structural Health Monitoring in Carbon Fiber Reinforced Polymer Airframes | Prof.Omkar Pandey, Dabasiya Rajan Arvind, Samanvita Kulkarni, Keerthana L, Nandini Rani,, Chaya R | Dr.ACS College of Engineering | |
| 8 | 229 | Mechanical Behaviour and Structural Evaluation of Carbon Fiber–Pineapple Leaf Fiber Reinforced Hybrid Bio-Composites for Aircraft Applications. | Amar Gandge Subash ,Ramanan G ,Ganesh R ,Albert Allen D ,Dharmadurai P, Anand A ,Jegatheesh Kumar S,Vishnuraj R | Dr.ACS College of Engineering | |

**Session Chair:** Dr. Ashok Kumar. P. S., Dr. A. Krishna Kumar

**Venue:** Room no: **103**, 1st floor

**Date :30-05-2026**

**Session :7 (Offline)**

**Time:9.30am to 12.30pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Coordinator |
|---|---|---|---|---|---|
| 1 | 72 | Blockchain and cryptography communication system | Dr.S.Siva Sundara pandian, Pavan kumar CS, Praveen Kumar, Oam Hariharan, | Dr.ACS College of Engineering | Ms. Majida Chettiyam Veettil (CSE-CY) Mob: 8547161995 |
| 2 | 83 | Accident Detection & Patient Health Monitoring System Using ESP32 & IoT | Nagesh H B, Gurudatta MR, Navneet Kishore Pandey, Sanjay R, Shreyas L | Dr.ACS College of Engineering | |
| 3 | 92 | Fingerprint-Based Blood Group Prediction Using Deep Learning | M, Venkatesh Kumar; S, Gagan*; H, Arun; M, Akash; M, Chandan Karthik | Dr.ACS College of Engineering | |
| 4 | 64 | REAL TIME SIGN LANGUAGE TRANSLATION | Deepa Srinivasa, Ashika P, Chethan G S, Chidhvila M | Dr.ACS College of Engineering | |
| 5 | 102 | Rubik's Encryption and CNN Based Biometric Authentication | P, Divya*; V, Lisha ; M, Kiran; S, Mayur; S, Priyanka | Dr.ACS College of Engineering | |
| 6 | 116 | AI Integrated Student Growth and Placement Enhancement System | P, Rajitha; K L, Vignesh*; N, Vikas Gowda; D, Vinay Kumar ; A S, Suhas | Dr.ACS College of Engineering | |
| 7 | 121 | Detection of Diabetic Retinopathy using Machine Learning | M G Varalakshmi, K Spandana, Keerthana G, K Monika | Dr.ACS College of Engineering | |
| 8 | 123 | Machine Learning Based System For Early Plant Disease Detection | Shruthi BL, Kishore Kumar DC, Lisha JM, Nisarga BR, Rahul S | Dr.ACS College of Engineering | |
| 9 | 146 | Detection of Parkinson's disease using CNN | Dr. Nandha Gopal S M, Ankitha K D, Bhumika K P, Chaithanya K, Deepika Lakshmi S | Dr.ACS College of Engineering | |
| 10 | 114 | Advance Interpreter code editor | Dr. Nandha Gopal S M, Mr. Manoj S M, Mr. Manoj G, Mr. Mohan P, Mr. Mohan P, Mr. Mourya S | Dr.ACS College of Engineering | |
| 11 | 69 | Online Fake Review Detection Using Deep Learning | M.G. Varalakshmi, Dilip S , Deepith N, Darshan L, Hemanth Naik S | Dr.ACS College of Engineering | |
| 12 | 457 | Stock Market Price prediction using Deep Learning | Dr. B K Raghavendra, Keerthana R, Nithin B R, Pooja S Naidu, Ramesh Channappa Rabakavi | Dr.ACS College of Engineering | |

**Session Chair:** Dr. Sunitha R.; Dr. Neha

**Venue:** Room no: **104**, 1st floor

**Date :30-05-2026**

**Session :8 (Offline)**

**Time:9.30am to 12.30pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Coordinator |
|---|---|---|---|---|---|
| 1 | 80 | IoT based Smart Mirror with Facial Recognition using Raspberry Pi | Praveen A Patil, Bhumika M, Pooja D Kamble, Hemanth K N | Dr.ACS College of Engineering | Ms. Sanjana R (CSE-CY) Mob: 9481580134 |
| 2 | 132 | BIOMETRIC ENABLED MERCHANT PAYMENT SYSTEM | Ms. Rajitha P, Ajai Arumugam M, Ashwin S, Dhanush S, K Balaji | Dr.ACS College of Engineering | |
| 3 | 133 | Stock Price Prediction Using Machine Learning | Dr. T. Senthil Kumaran, Chethan V, Abhishek K, Amith K R, Abhishek Biradar | Dr.ACS College of Engineering | |
| 4 | 140 | Money Transaction Security using Blockchain | Ms. Ranjitha P, Keerthan Kumar B M, Kiran Takkodi, Mahesh Vatti, Manoj K | Dr.ACS College of Engineering | |
| 5 | 141 | Smart Contract Based Property Registration and Time-Stamping Platform on Ethereum Blockchain | Ms. Deepa Srinivasa, Niteenkumar, Manoj Kumar S, Prashanth G, Prashantha Fakeera Madivala | Dr.ACS College of Engineering | |
| 6 | 142 | ACS Store: AI Driven Full-Stack Multi-Vendor E-Commerce Application | Sri Vishnu Y S, Raghu V, Kayalvizhi S, Tanush C N, Sathish Gowda H P | Dr.ACS College of Engineering | |
| 7 | 143 | Credit card fraud Detection | Sachin Acharya, Muhammad Owais A, R Ram, Rajasekar G, Raghavendra Biradar | Dr.ACS College of Engineering | |
| 8 | 145 | FAKE PRODUCT DETECTION | Aradhya, Chandra Chooda, Priya P, Lakshmi | Dr.ACS College of Engineering | |
| 9 | 130 | ZAKATCHAIN DECENTRALIZED AND TRANSPARENT CHARITY SYSTEM | Varalakshmi M.G, Vishwas Rao BR, Yashin Patel | Dr.ACS College of Engineering | |
| 10 | 249 | Efficient Low-Cost Automatic Defibrillator with GSM Alert and GPS | Dr. A.M, Prasanna Kumar, Syed Kounain, Rabiya Basri, Aleemuddin | Raja Rajeswari College of Engineering | |
| 11 | 165 | Biofloc fish farming | Mrs. Lakshmi Priya P, Tejaswi S R, Suraj Kumar Rawal D, Vinayaka K N, Yogaraj C | Dr.ACS College of Engineering | |
| 12 | 112 | Deep learning based deepfake detection in multimedia content | Dr Divya S, Keerthana B L, Likitha V, M S Sukanya, Punyashree K B | Dr.ACS College of Engineering | |
| 13 | 458 | Predicting Agriculture Yield Using Machine Learning | Madhura M, Amit, Amogh Basavaraj Mathapati , Dhanush Krishna S, Girish M | Dr.ACS College of Engineering | |

**Session Chair:** Dr. B. B. S. Kumar ; Dr.S.Sivasundarapandian **Venue:** 3rd floor, Room no: 303

**Date :30-05-2026** **Session :9(Offline)** **Time:9.30am to 12.30pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Coordinator |
|---|---|---|---|---|---|
| 1 | 382 | Enhancing Wazuh SIEM Capabilities through SOAR Integration for Automated Threat Response | K P Sangeetha, Ananya S Nadig, S Anu Nadig, Vignesh C | Dr.ACS College of Engineering | Mr. Ganesh R (AE) Mob: 7010241472 |
| 2 | 496 | "Authenticated access control for vehicle ignition system using driving license and finger print" | Mrs.Chandrakala G S, Manoj Kumar B, Harsha T M, Ravichandra Babu J K | Dr.ACS College of Engineering | |
| 3 | 147 | Smart glove with augmented sensory feedback | Abhishek K, Akash M R | Dr.ACS College of Engineering | |
| 4 | 174 | Real-Time Breathing Pattern Tracking Using a Multimodal Wearable System | Ms Tabassum, Mrs. Nagashree Pavan, Mrs. Manju Davy | Dr.ACS College of Engineering | |
| 5 | 86 | Pregnancy Health Monitor System | Chandrabhaga Patil , Aishwarya M, Bhoomika C, Chandana S, Shriya N Iraddi | Dr.ACS College of Engineering | |
| 7 | 486 | "Smart Wheelchair with Voice Control and Health Monitoring system for Physically Disabled People" | Dr. S M Vijaya, Deekshitha BK, Kavana MB, Nikitha P, Spoorthi SJ | Dr.ACS College of Engineering | |
| 8 | 487 | 32-Bit Energy Efficient ALU with Speed Consideration | S M Vijaya, Chirag J K, Hemanth C B, Nandeesh B S, Utkarsh Kumar Jha | Dr.ACS College of Engineering | |
| 9 | 488 | "Real-Time Soldier Health Monitoring System Using Sensors and GPS" | Dr. S M Vijaya, Charantej K, Mahendra T N, Nagendra K, Prajwal M | Dr.ACS College of Engineering | |
| 10 | 253 | Rebound: Centralised Sports Data System | Dr. R. Siva, Akshita Sharma, Anshita Srivastava | SRM Institute of Science and Technology | |
| 11 | 274 | A Rule-Guided Neural Network for Explainable Enterprise Architecture Decision Support | Rahul Ramesh P , A. Shanthini | SRM Institute of Science and Technology | |
| 12 | 51 | Irrigation Prediction using Machine Learning in precision Agriculture | Nandini S R, Pooja M T, Parikshith T, Maithri M | BGS Institute of Technology | |
| 13 | **485** | IOT-Integrated Autonomous Rover for Real-time Human Detection and Environmental Monitoring | Mrs. Shiji Mol F R, Mr. Kumarvarunesh, Ms. Lavanya H N, Ms. Niveditha R, Ms. Sneha N | Dr.ACS College of Engineering(30th May) | |

**Session Chair:** Dr. Asha R.; Dr. Dr.Nandha gopal S M

**Venue:** 2nd floor, Room no: 204

**Date :30-05-2026**

**Session :10(Offline)**

**Time:9.30am to 12.30pm**

| S. No. | Paper ID | Paper Title | Author Names | Affiliation | Session Coordinator |
|---|---|---|---|---|---|
| 1 | 489 | MEDICAL IMAGE COMPRESSION USING HYBRID MODEL ANALYSIS | Mrs. Susmitha B C, Prajwal B J, Omkar V D, Rahul Patil | Dr.ACS College of Engineering | Ms. Rajeswari M (CSE) Mob: 8148363463 |
| 2 | 503 | Soldier's Health Monitoring and Tracking System Using Machine Learning Technique And IOT | Prof. Santosh Chavan, Chandan M, Dayanand S R, Druva Kumar R, Kiran M S | Raja Rajeswari College of Engineering | |
| 3 | 423 | VIRTUAL AI FITNESS COACH FOR EXERCISE CLASSIFICATION AND FORM CORRECTION | Ayan Mohamed, Duggeni Mahesh, Polisetti Aravind Kumar, Umesh Reddy C H, Dr. D. Gandhimathi | Dr.ACS College of Engineering | |
| 4 | 428 | Multi-Scale Feature Fusion for Automated Diabetic Retinopathy Severity Grading | Abraham Sunil, Mohammed Zamaan Bin, Dr. Sageengrana S | SRM Institute of Science and Technology | |
| 5 | 384 | Intrusion Detection System using Machine Learning | Swathi, V*; S, Harshitha | Dr.ACS College of Engineering | |
| 6 | 389 | Live Fake News Detection using Machine Learning | Mrs K P Sangeetha, Bhoomika P, Keerthana N, Vedashree N | Dr.ACS College of Engineering | |
| 7 | 16 | Lip-to-speech recognition using deep learning | Venkatesh Kumar M , Nisha P, Puneeth V, Monish Gowda M, Muhammed Nabeel Musthafa | Dr.ACS College of Engineering | |
| 8 | 135 | Government Tender Allocation | Ms. Vishaka Rani C, Keerthana R, Kishan R, Sushmitha M | Dr.ACS College of Engineering | |
| 9 | 125 | House Price Prediction Using Machine Learning (CATBOOST) | Nitin M, Manasa P R, Pruthvi, K Sneha, Kaveri H S | Dr.ACS College of Engineering | |
| 10 | 81 | Unified Smart Three in One Meter For Water ,Gas and Energy | Nagesh H B, Ankitha c, Rekha ck, Yashodha MS | Dr.ACS College of Engineering | |
| 11 | 199 | A novel approach for Secure IoT Architecture Using Deep Learning-Based Image Steganography and Multi-Factor Authentication-A Review | SHARATH BABU , Dr.Komala K | SRI SIDDARTHA INSTITUTE OF TECHNOLOGY | |
| 12 | 221 | FIN-AI: An Intelligent AI-Based System for Household Budgeting and Grocery Planning | Dr. B.S Shylaja, Kushala M V, Namitha L, suma, Dr. Ajay Prakash B V, Dr. Bharath V S | Dr. Ambedkar Institute of Technology, Bangalore | |
| 13 | 508 | Photography & Communication Mastery Track – AI & ML | Dr Sumitha Manoj, Sravini Nandish,Sabanna J, Sinchana L | Dr.ACS College of Engineering(30th May) | |
| 14 | 456 | Drinking Water Quality Prediction Using Machine Learning | Aishwarya K, Jeevitha C P, Supriya Prakash Tuppad, Yashodha S M, Dr. D. Gandhimathi | Dr.ACS College of Engineering | |

# (Online Presentation)

**Session Chair:** Dr K Janani, Dr. P Muthu Krishnammal

**Venue:** 1st floor, Seminar Hall

**Date :30-05-2026**

**Session :1 (Online)**

**Time:9.30am to 12.30pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Coordinator |
|---|---|---|---|---|---|
| 1 | 98 | Federated Learning with Differential Privacy for Adversarial Robustness in IoT Cybersecurity: Defending Against Data Poisoning Attacks | Babalunde Alexander Abola, John Olalere Ogunlola, Opeyemi Victor Omolada, Blessing Alice Alao Olatunji, Adedeji Edward Adesola, Simon Olufikayo Awodele | University of Greater Manchester | Ms. Nagashree Pavan (BME)<br>Mob: 7259120138 |
| 2 | 129 | AI Powered Real Time Crime Activity Detection using Deep Learning | Jyothi, Medha R, Sannidhi, Shreya Shetty | Manglore Institute Of Technology and Engineering, Moodbidre | |
| 3 | 232 | Autonomous Cyber Threat Forecasting using OSINT | Suchi Arora, Sujal Mhatre, Anish Sabale, Metilda Florence S | SRM Institute of Science and Technology | |
| 4 | 278 | NetGuardAI: A Real-Time Hybrid Learning Framework for Intelligent Threat Detection in Modern Network Environments | Kunal Chauhan, Madhav Ahuja, Utsav Das, Nirbhay Kashyap | Amity University | |
| 5 | 380 | Generative AI-Driven Secure Wireless Sensing for Smart IoT Networks Using VAE-GAN and Adversarial Learning | Dr. Madhusudhanan N, Sidda Tejaswi, Vempa Yaswanth | SRM Institute of Science and Technology | |
| 6 | 395 | Secure Multi-Modal Data Management Using a Hybrid Encryption Framework | Aryen, Ritesh Kumar, Sidharth, Ravi Shankar, Rakesh Kumar, Aman Deep | Lovely professional university | |
| 7 | 453 | Real-Time Fraud Detection in Financial Transactions | Anmol Chaurasia, Nilesh Chandra | Galgotias University | |
| 8 | 126 | Fire Station 360-Integrated IOT Emergency Management System | S, MITHUN*; A, VIGNESH; Govandhan, Padmapriya | SRM Institute of Science and Technology | |

**Session Chair:** Dr. Athulya M S, Dr. D. Gandhimathi

**Venue:** 2nd floor Seminar Hall (213)

**Date :30-05-2026**

**Session :2 (Online)**

**Time:9.30am to 12.30pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Coordinator |
|---|---|---|---|---|---|
| 1 | 36 | Multivariate Time-Series Forecasting of Gold Prices Using LSTM Networks | Shruti , Phagwara, Nipun Chhabra, Vikrant Sharma | GNA University | Dr. Harish Madival (Physics)<br>Mob: 7353799736 |
| 2 | 85 | Code Arc | NG, Archana; JM, Tanishq*; Naik, Rakshak; M, Meghana; M, Rashmi | Dr.ACS College of Engineering | |
| 3 | 111 | A DATA-DRIVEN FRAMEWORK FOR DETECTING AND TRACKING HEALTH MISINFORMATION TRENDS | Mr. P. Kaliyamoorthi, Singappagari Dedeepya, Dharmavaram Babitha, Malaka Amrutha, Kotareti Amrutha | Madanapalle Institute Of Technology & Science | |
| 5 | 206 | Evaluating Socio-Economic and Geopolitical Events Impact on UK Electricity Demand Using Explainable AI | Oluwakemisola Adewole, Olayinka Anthony Ojo, John Olalere Ogunlola, Opeyemi Victor Omolade, Mariam Omolola Oparinde, Bisola Kafayat Oyebamij | University of Greater Manchester | |
| 6 | 240 | SmartLoanX: Explainable and Ethical Credit Risk Prediction using XGBoost and Generative AI | Dr. R. Siva, Sukrit Raj, Tanay Sharma | SRM Institute of Science and Technology | |
| 7 | 252 | AI-Assisted Behavior Pattern Analysis Using Samuthrika Lakshanam | Kartheeban V, Dr. Vasudevan Nt | Turbo Energy Private Limited | |
| 8 | 296 | Volatility-Aware Attention-Based Decomposition Model for Stock Market Prediction | Suresh, Shreya*; J, Sutha; S, Madumitha; Ram, Yerramsetti Dhanush | SRM Institute of Science and Technology (Ramapuram) | |
| 9 | 308 | HindMed-Triage: A Hybrid Sovereign-Global AI Framework for Code-Mixed Hindi Medical Speech Triage in Rural Telemedicine | Achal Bajpai, Shashank Prasad, Om Thakare, S.Wilson Prakash | SRM Institute of Science and Technology | |

**Session Chair:** Dr. Vidya E V, Dr. Deepika Jeyabalan **Venue:** 3rd floor Seminar Hall (313)

**Date :30-05-2026** **Session :3 (Online)** **Time:9.30am to 12.30pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Coordinator |
|---|---|---|---|---|---|
| 1 | 1 | MEDCYBOT: Integrating Autonomous multi-functional Robot for Enhanced Healthcare Communication | Bhuvaneswari, Dr*; N, Kavya; Sunil, Linda; K, Himabindhu | Dr.ACS College of Engineering | Mr. Praveen A Patil (ECE) Mob: 9480227938 |
| 2 | 70 | KAVACH: Automated Emergency Trigger-Based Women Safety App | B A, Venika*; M, Monika; A S, Agathya; S, Deepthi | JSS Science and Technology University, Mysore | |
| 3 | 176 | Neuro Vision 3D: Brain Tumor Segmentation and 3D Visualization Using U-Net | Prajwal L, Pourshi V Rai, Shreya Shenoy, Nandeesha S | Mangalore Institute of technology and engineering (MITE) | |
| 4 | 469 | Hybrid Deep Neural Network-Based Alert System for Wild Animal Activity Identification | Mrs. Y. Durga Tejaswi, Mr. A.C.K. Venkata Tharun | Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal | |
| 5 | 275 | Intelligent ECG Monitoring for Detection and Classification of Cardiac Arrhythmia | Prof Ajay M, Priyadarshini N, Sahana M, Preksha M T, Purvika B S | Raja Rajeswari College of Engineering | |
| 6 | 285 | NON-INVASIVE DETECTION OF FETAL DOWN SYNDROME USING FEMUR AND INTRACRANIAL BIOMARKERS ON ULTRASOUND IMAGES | Shrinidhi M Naik, P. Bhuvaneswari Bhavana Y | Dr.ACS College of Engineering | |
| 7 | 286 | Aeroguard multirole intervention drone system | Dr.Haritha KS, Priyanka S, Shreya K N, Srinivasa B A, Thanish Gowda A R | Raja Rajeswari College of Engineering | |
| 8 | 311 | Enhancing Iraq's Power Planning Through Singular Spectrum Analysis | Dr. K. Sivasankari , Rishikishore , R.Chiranjeevi srinivas , A. Imthiazahmed | SRM Institute of Science and Technology | |

## Session 4 (Online)

**Session Chair:** Dr. Hariharasudhan, Dr. Haritha

**Venue:** 4th floor Seminar Hall (412)

**Date :30-05-2026**

**Session :4**

**Time:9.30am to 12.30pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Coordinator |
|---|---|---|---|---|---|
| 1 | 164 | Design and Performance Analysis of a Compact 27 GHz Microstrip Patch Antenna for 5G Applications | R. Abisha, P. Aarthi, Margaret, Dr. D. Helena Margaret | ALAGAPPA CHETTIAR GOVERNMENT COLLEGE OF ENGINEERING AND TECHNOLOGY | Mr. Muhammad Owais A (CSE)<br>Mob: 9750686862 |
| 2 | 166 | Design and Simulation of a Compact Sub-Terahertz Microstrip Antenna at 120 GHz for Future 6G Communication Architectures | P. Aarthi, R. Abisha, Dr. D. Helena Margaret, Dr. P. Bhuvaneswari, Dr. Shanthi P | ALAGAPPA CHETTIAR GOVERNMENT COLLEGE OF ENGINEERING AND TECHNOLOGY | |
| 3 | 188 | Design and Verification of Single-Master and Single-Slave AXI System using System Verilog | Praful Babu T, Ashvin Tiwari, A V M, Manikandan | SRM Institute of Science and Technology | |
| 4 | 451 | QuickBlog- A Lightweight Embeddable Blogging Platform | Anurag Tripathi, Kamlesh Gupta | Galgotias University | |
| 5 | 460 | A Participatory Urban Acoustics Platform Using Hybrid YAMNet–CNN Classification and Real- Time Geospatial Mapping | Reva Mahesh Kudchadkar, Mehul Siwach | SRM Institute of Science and Technology | |
| 6 | 322 | EcoSort AI: A C2B Mobile Ecosystem for AI-Driven E-Waste Management | Tushar Kumar , Tanishq Agrawal, Brindha R, K. M. Umamaheswari, N. A. S. Vinoth, R. K. Pongiannan | SRM Institute of Science and Technology | |
| 7 | 366 | Echo Learn: An AAC-Based Assistive App for Autism and Down Syndrome | Rakshith P, Deepika M, Suhas M, Nagaveni L S, Sanjana M C | JSS Science and Technology University | |
| 8 | 498 | Deep Reinforcement Learning Driven Energy Harvesting and Power Allocation for Sustainable Wireless Body Area Networks | Namirrah Fathima A, Dr. Kannan G | B. S. Abdur Rahman Crescent Institute Of Science And Technology | |
| 9 | 415 | AI -Driven mental Health Assessment and Literacy Promotion in Underserved Rural Communities | Manju Davy, Sowmya C G, Dr Hariharasudhan V G, Shireesha C | Dr.ACS College of Engineering | |

## Session 5(Online)

**Session Chair:** Dr. Durga Indira N ;Dr. Raghavendra BK, **Venue:** 5th floor Seminar Hall (512)

**Date :30-05-2026** **Session: 5** **Time:9.30am to 12.30pm**

| S.No. | Paper ID | Paper Title | Author Names | Affiliation | Session Coordinator |
|---|---|---|---|---|---|
| 1 | 305 | Explainable and Decision-Oriented Spatio-Temporal Graph Neural Networks for Smart Urban Waste Management | Babeetha S, Deboleena Bhowmik, Deepanjali Singh | SRM Institute of Science and Technology | Mr. Nithin M (CSE)<br>Mob: 6382143279 |
| 2 | 325 | Explainable 3D Deep Learning for Early Dementia Prediction Using ADNI MRI Data | Dr.Tupli Sangeetha, Devasri S, Dharshiga Shree P, Dr. A Nazreen Banu, L. Leena Jenifer | R.M.D ENGINEERING COLLEGE | |
| 3 | 375 | Agentic AI for Legal Assistance | Dev Shah, L Adithi, Prathik S, Sowmiya V | SRM Institute of Science and Technology | |
| 4 | 425 | GreenAI: An Online Learning-Based Framework for Sustainability Scoring and Optimisation Routing of Black-Box Large Language Model APIs | Kushagra Saxena, Jayashree Manigandan, Madhumitha Kulandaivel | SRM Institute of Science and Technology | |
| 5 | 443 | PREPTO : A GENERATIVE AI-BASED PLACEMENT PREPARATION PLATFORM | Mr. Ashu Singh, Palak Mishra, Arpan Gupta, Anmol Pratap, Rashika | MIET Meerut | |
| 6 | 468 | An Inclination Supporting Methodology for Preparing Convolutional and Profound Neural Networks | Boddu Rameswara Reddy, Gajjala Baby, Dr. Nalavala Ramanjaneya Reddy | Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal | |
| 7 | 478 | Advanced Deep Learning Approaches for Real-Time Vehicle Classification in Smart Cities | Mr. P. Murthuja, Karukula Jayanth Reddy | Rajeev Gandhi Memorial College of Engineering and Technology | |
| 8 | 99 | Design and Evaluation of a Hybrid CNN-Vision Transformer Architecture with Intrinsic and Concept-Based Explainability for Breast Cancer Diagnosis | Opeyemi Victor Omolade, John Olalere Ogunlola, Babatunde Alexander Abilola, Adediji Edward Adesola, Afeez Oluwaseun Akande, Oluwakemisola Adewole | University of Greater Manchester | |
| 9 | 430 | Automatic Hybrid Approach for Mammographic Image Enhancement | Dr. P. Bhuvaneswari,Nithin Kumar K B, Pavan B Goutham, Shriya G Bhat, Vaishnavi , | Dr.ACS College of Engineering | |