



JUNE MONTH NEWSLETTER

FACULTY ACHIEVEMENTS

Dr. Devi Priya V.S. successfully participated in the One Week Faculty Development Programme on "Next-Gen Frontiers: Integrating Generative AI, Machine Learning, and Cyber Security (NG²MX-2026)," held from 1st to 5th June 2026, organized by VIPS-TC, School of Engineering and Technology, New Delhi.



Dr. Devi Priya V.S., along with co-authors Varun Kumar Shetty Vijjagiri, Ajay Chinta, and Nivetha R, presented a research paper titled "An Efficient Anomaly Detection Technique in Software Dependencies for Supply Chain Security" at the 5th International Conference on Deep Sciences for Computing and Communications (IconDeepCom 2026), organized by SRM Institute of Science and Technology, Kattankulathur, in association with Southern Taiwan University of Science and Technology, held from 15th–16th June 2026.

Ms. Vinitha V successfully presented a research paper titled "Multimodal Fusion of Remote Sensing and Meteorological Data for Flood Prediction" at the 7th International Conference on Inventive Research in Computing Applications (ICIRCA 2026), held during 3rd–5th June 2026 at RVS College of Engineering and Technology, Coimbatore, India.



Ms. Sumathi D successfully presented a research paper titled "Sockpuppet Detection in Digital Platforms: A Systematic Review of Techniques and Challenges" at the 7th International Conference on Inventive Research in Computing Applications (ICIRCA 2026), held during 3rd–5th June 2026 at RVS College of Engineering and Technology, Coimbatore, India.



Dr. Mubeen Ahmed Khan and Ms. Archita Bhattacharyya participated in the 3rd IEEE Guwahati Subsection Conference (GCON-2026), held at IIT Guwahati from 03–05 June 2026. During the conference, their paper titled "A Baseline Simulation Framework for DDoS Detection in IoMT Networks: Design and Critical Analysis" was presented by the other co-authors.





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Dr. G. Hemanth Kumar and Dr. Dilip Kumar Jang Bahadur Saini participated in the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, and held on 5th–6th June 2026. During the conference, their research paper titled "AI-Driven Detection and Mitigation of Cloud Misconfigurations in Healthcare Systems: A Comprehensive Survey" was presented by the other co-authors.

Dr. Dilip Kumar Jang Bahadur Saini and Dr. G. Hemanth Kumar participated in the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, and held on 5th–6th June 2026. During the conference, their research paper titled "AI-Driven Forensics for Industrial Digital Twins: A Review of Vulnerabilities, Attacks, and Investigation Techniques" was presented by the other co-authors.

Dr. Dilip Kumar Jang Bahadur Saini and Dr. G. Hemanth Kumar participated in the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, and held on 5th–6th June 2026. During the conference, their research paper titled "Trustworthy AI for Intrusion Detection Systems: A Comprehensive Survey of Explainability, Robustness, and Privacy" was presented by the other co-authors.

Dr. Dilip Kumar Jang Bahadur Saini and Dr. Hemanth Kumar participated in the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, and held on 5th–6th June 2026. During the conference, their research paper titled "Vulnerability Detection in Source Code: A Systematic Survey of Static Analysis (SAST), Large Language Model-Based, and Hybrid Approaches" was presented by the other co-authors.

Dr. Dilip Kumar Jang Bahadur Saini and Dr. G. Hemanth Kumar participated in the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, and held on 5th–6th June 2026. During the conference, their research paper titled "Machine Learning, Deep Learning, and Multimodal Approaches for Cyberbullying Detection: A Comprehensive Survey" was presented by the other co-authors.



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Dr. Dilip Saini and Dr. Hemanth Kumar participated in the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, and held on 5th–6th June 2026. During the conference, their research paper titled "Explainable AI (XAI) for Cyber-Physical Systems: Bridging the Gap Between Black-Box Security and Human-in-the-Loop IoT" was presented by the other co-authors.

Dr. Dilip Kumar Jang Bahadur Saini and Dr. G. Hemanth Kumar participated in the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, and held on 5th–6th June 2026. During the conference, their research paper titled "A Survey on Digital Forensic Techniques for Detecting Steganographic Attacks in IoT Networks" was presented by the other co-authors.



Akshay Reddy Kothwal successfully participated in the One Week National Online Faculty Development Programme titled "DefendX: The Future of Cybersecurity and Cloud Protection," held from 15th to 19th June 2026, organized by the Department of Computer Science and Engineering (Cyber Security), Easwari Engineering College, Chennai.



Mr. M. Ganesan successfully participated in the One Week National Online Faculty Development Programme titled "DefendX: The Future of Cybersecurity and Cloud Protection," held from 15th to 19th June 2026, organized by the Department of Computer Science and Engineering (Cyber Security), Easwari Engineering College, Chennai.



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Kushagra Dixit successfully participated in the One Week National Online Faculty Development Programme titled "DefendX: The Future of Cybersecurity and Cloud Protection," held from 15th to 19th June 2026, organized by the Department of Computer Science and Engineering (Cyber Security), Easwari Engineering College, Chennai.



Saurabh Bharti successfully participated in the One Week National Online Faculty Development Programme titled "DefendX: The Future of Cybersecurity and Cloud Protection," held from 15th to 19th June 2026, organized by the Department of Computer Science and Engineering (Cyber Security), Easwari Engineering College, Chennai.



Y.V. Kashyapi successfully participated in the One Week National Online Faculty Development Programme titled "DefendX: The Future of Cybersecurity and Cloud Protection," held from 15th to 19th June 2026, organized by the Department of Computer Science and Engineering (Cyber Security), Easwari Engineering College, Chennai.



Mr. Nehal Sahu successfully completed the six-day Faculty Development Programme on "Interdisciplinary Approaches to Emerging Technologies for Sustainable Innovation," organized by Aalim Muhammed Salegh College of Engineering, Avadi, Chennai, held from 15th to 20th June 2026.



Dr. Meghana Rupchand Solanki successfully completed the six-day Faculty Development Programme on "Interdisciplinary Approaches to Emerging Technologies for Sustainable Innovation," organized by Aalim Muhammed Salegh College of Engineering, Avadi, Chennai, held from 15th to 20th June 2026.



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FACULTY ACHIEVEMENTS



Dr. Devi Priya V.S. successfully participated in the Six Day Faculty Development Programme on "NextGen AI Technologies for Smart Teaching and Interdisciplinary Research," organized by Mar Baselios College of Engineering and Technology (Autonomous), Thiruvananthapuram, held from 15th to 20th June 2026.

Dr. Devi Priya V.S. successfully earned the NVIDIA Certified Associate credential in Generative AI and LLMs, certified on 20th June 2026 and valid through 20th June 2028.



Ms. Ranjima P successfully participated in the Six Day Faculty Development Programme on "NextGen AI Technologies for Smart Teaching and Interdisciplinary Research," organized by Mar Baselios College of Engineering and Technology (Autonomous), Thiruvananthapuram, held from 15th to 20th June 2026.



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RESEARCH ACCOMPLISHMENTS



Dr. Dilip Kumar Jang Bahadur Saini co-authored the research article titled "Real-time detection and analysis of foodborne pathogens using IoT and Machine Learning Techniques," published in the International Journal of Computer Information Systems and Industrial Management Applications in 2026.

Dr. Dilip Kumar Jang Bahadur Saini co-authored the research article titled "A quantum resistant chaos driven image encryption framework for secure visual data transmission in intelligent transportation systems," published in the prestigious journal Scientific Reports on 26th June 2026 as an Open Access article.

Dr. Dilip Kumar Jang Bahadur Saini co-authored the research article titled "Intelligent performance prediction of nanoparticle-enhanced automotive radiator cooling using CFD and machine learning," published in the prestigious journal Scientific Reports in 2026.

Dr. Dilip Kumar Jang Bahadur Saini conference paper titled "Systematic Analysis of Fairness-Aware Deep Reinforcement Learning for Equitable and Efficient Resource Allocation" was officially Scopus indexed on 11th June 2026.



Prof. Sharanabasappa Tadkal co-authored the research article titled "Adaptive Trust-Driven Federated Learning With Blockchain for Secure AI Healthcare Diagnostics in Security and Privacy," published in Security and Privacy (Wiley) in 2026.

Prof. Sharanabasappa Tadkal co-authored the research article titled "Cloud-Powered Federated Learning for Global Healthcare Diagnostics: Privacy Preserving Multi-Cloud Architecture," now available in the ACM Digital Library, published in the Proceedings of the 7th International Conference on Information Management & Machine Intelligence (ICIMMI 2025).



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RESEARCH ACCOMPLISHMENTS



Mr. Ganesan M co-authored the research article titled "Engineering rGO@CeO₂/Co₃O₄ Nanocomposite for Dual-Functional Electrocatalysis in Solar Energy Conversion and Environmental Remediation," published in Research on Chemical Intermediates (Springer Nature), Impact Factor 3.5, Q2.



Dr. D. Sumathi co-authored the research article titled "CNN Based Classification of Airborne Acoustic Signals from Stressed Plants," published in Engineering Research Express (IOP Publishing) as an Open Access Letter in 2026.



Dr. Mubeen Ahmed Khan, along with co-authors Mohammed Javaid Ul Islam, Owais Ahmad Shah, Abdul Haq Nalband, and Ankita Chourasia, co-authored a research paper titled "Real-Time Speech Translation for Mobile Communication Using AI-Based Text Recognition," published on IEEE Xplore as part of the 2025 International Conference.



Dr. Devi Priya V.S., along with co-authors Dr. Jobin Thomas, Ms. Riya Sanjesh, and Dr. Galiveeti Poornima, co-authored a research paper titled "Cognitive Networking using Deep Reinforcement Learning for Real-Time Optimization," published in the Proceedings of the 6th International Conference on Pervasive Computing and Social Networking (ICPCSN-2026).



Ms. Vinitha V, along with co-authors Jobin Thomas, Diana George, Pavithra A C, Vidyashree K P, and Yathiraj G R, co-authored a research paper titled "A Unified Semantic Alignment Framework for Robust Text Classification," published on IEEE Xplore as part of the 2026 International Conference on Recent Advancement in Electrical, Computer and Communication Technologies (IECCT 2026).



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STUDENT ACHIEVEMENTS

Ms. Hithanksha H S successfully presented a paper titled "Robustness of Watermarking in Generative AI Under Adversarial Manipulation: A Survey" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.

USN: ENG23CY0064

Ms. Kovvuru Lekhya Reddy successfully presented a paper titled "AI-Driven Detection and Mitigation of Cloud Misconfigurations in Healthcare Systems: A Comprehensive Survey" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.

USN: ENG23CY0070

Ms. Kavya Shree successfully presented a paper titled "AI-Driven Detection and Mitigation of Cloud Misconfigurations in Healthcare Systems: A Comprehensive Survey" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.

USN: ENG23CY0069

Mr. Batchu Hima Charan successfully presented a paper titled "AI-Driven Forensics for Industrial Digital Twins: A Review of Vulnerabilities, Attacks, and Investigation Techniques" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.

USN: ENG23CY0098

Mr./Ms. Bv Sathvik successfully presented a paper titled "Trustworthy AI for Intrusion Detection Systems: A Comprehensive Survey of Explainability, Robustness, and Privacy" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.

USN: ENG23CY0008

Mr./Ms. Bv Sathvik successfully presented a paper titled "Trustworthy AI for Intrusion Detection Systems: A Comprehensive Survey of Explainability, Robustness, and Privacy" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.

USN: ENG23CY0008



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STUDENT ACHIEVEMENTS

Ms. Ayesha Ayesha successfully presented a paper titled "Trustworthy AI for Intrusion Detection Systems: A Comprehensive Survey of Explainability, Robustness, and Privacy" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.
USN: ENG23CY0007

Mr. Kushal M Gaddanakeri successfully presented a paper titled "Vulnerability Detection in Source Code: A Systematic Survey of Static Analysis (SAST), Large Language Model–Based, and Hybrid Approaches" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.
USN: ENG23CY0022

Mr./Ms. P Prateep successfully presented a paper titled "Machine Learning, Deep Learning, and Multimodal Approaches for Cyberbullying Detection: A Comprehensive Survey" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.
USN: ENG23CY0027

Mr./Ms. Podier V successfully presented a paper titled "Machine Learning, Deep Learning, and Multimodal Approaches for Cyberbullying Detection: A Comprehensive Survey" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.
USN: ENG23CY0028

Ms. Vaishnavi Shetty successfully presented a paper titled "Explainable AI (XAI) for Cyber-Physical Systems: Bridging the Gap Between Black-Box Security and Human-in-the-Loop IoT" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.
USN: ENG23CY0045

Ms. Vaishnavi Shri successfully presented a paper titled "Explainable AI (XAI) for Cyber-Physical Systems: Bridging the Gap Between Black-Box Security and Human-in-the-Loop IoT" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.
USN: ENG23CY0046



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STUDENT ACHIEVEMENTS

Kishan M Naik successfully presented a paper titled "Vulnerability Detection in Source Code: A Systematic Survey of Static Analysis (SAST), Large Language Model-Based, and Hybrid Approaches" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.
USN: ENG23CY0021

Parigi Bhavana successfully presented a paper titled in the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, and held on 5th–6th June 2026. During the conference, their research paper titled "A Survey on Digital Forensic Techniques for Detecting Steganographic Attacks in IoT Networks" was presented by the other co-authors.
USN: ENG23CY0074

Saila Yagnika Chowdary successfully presented a paper titled "AI-Driven Forensics for Industrial Digital Twins: A Review of Vulnerabilities, Attacks, and Investigation Techniques" at the 2026 International Conference on Data Science for Cyber-Physical Systems Resilience using Advanced Applications (ICDCA), organized by K S School of Engineering and Management (KSSEM), Karnataka, held on 5th–6th June 2026.
USN: ENG23CY0083