



JULY MONTH NEWSLETTER

DEPARTMENT ACHIEVEMENTS

DAYANANDA SAGAR UNIVERSITY
Deverakaggalahalli, Harohalli Kanakapura Road, Dt, Ramanagara, Karnataka 562112

SCHOOL OF ENGINEERING
Department of Computer Science and Engineering (Cyber Security)

ONE WEEK FACULTY DEVELOPMENT PROGRAM (FDP) ON
DIGITAL FORENSICS
20 JULY 2026 - 25 JULY 2026 | HYBRID MODE

OBJECTIVE
This FDP will provide learners with theoretical and practical foundation in digital forensics and cyber crime investigation in accordance with legal and ethical standards. It also develop the ability to acquire, analyze, and present digital evidence using industry-standard tools while understanding relevant cyber laws and judicial procedures.

PROGRAM HIGHLIGHTS

- Hands-on training with FTK Imager, Autopsy, UFED, AXIOM, Oxygen, Hash Calc & Metadate++
- Learn Digital Evidence Handling, Data Recovery, Multimedia, Mobile, Email & Network Forensics
- Sessions on Cyber Crime Investigation, IT Act, Expert Witness Procedures & Forensic Report Writing
- Real-world case studies and practical demonstrations by industry experts and forensic professionals
- Certificate upon successful completion

IN ASSOCIATION WITH
CLUE 4 EVIDENCE Forensic Lab

Empowering Future Cyber Investigators through Practical Digital Forensics, Cyber Crime Investigation, and Industry-Standard Forensic Tools.

DATES
20 - 25 JULY 2026

Timings
10:00 AM - 4:00 PM

VENUE
Lecture Hall, Main Campus, School of Engineering, Dayananda Sagar University, Deverakaggalahalli, Harohalli Kanakapura Road, Dt, Ramanagara, Karnataka 562112

Resource Person
Experts from Clue4Evidence Forensic Lab & Cyber Defense Education

WHO CAN ATTEND
Faculty, Scholars, PG Students, Non-Teaching Technical Staff & Industry professionals

CHIEF PATRONS

- Dr. D. Hemachandra Sagar, Chancellor, DSU
- Dr. D. Premachandra Sagar, Pro Chancellor, DSU

PATRONS

- Dr. B. S. Satyanarayana, Vice Chancellor, DSU
- Prof. R. Janardhan, Pro Vice Chancellor, DSU
- Dr. Prakash S, Pro Vice Chancellor, DSU
- Dr. C. Puttamachappa, Registrar, DSU
- Dr. Udaya Kumar Reddy, Dean, School of Engineering, DSU

CONVENOR
Dr. Udaya Kumar Reddy, Dean, School of Engineering, DSU

FACULTY CO-ORDINATOR
Dr. Sumathi D, Professor & Department HECB, School of Engineering, DSU

CO-COORDINATOR
Dr. Divya V, Assistant Professor & Department of CSE, School of Engineering, DSU

SCAN TO REGISTER

REGISTRATION LINK
<https://forms.gle/PwpyEHRTbXc3ch6>

Explore, Examine, Extract, Evidence that matters.

- The Department of Computer Science and Engineering (Cyber Security) successfully conducted a One-Week Faculty Development Program (FDP) on "Digital Forensics" in hybrid mode from July 20 to July 25, 2026, in association with the CLUE 4 EVIDENCE Forensic Lab. The program was designed to provide learners with a strong theoretical foundation and practical training in cybercrime investigation, adhering to strict legal and ethical standards. It empowered participants with hands-on experience in digital evidence handling, data recovery, and the use of industry-standard forensic tools such as FTK Imager and Autopsy, ultimately strengthening the industry-academia collaboration for future-ready engineering education.



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FACULTY ACHIEVEMENTS



Dr. Dilip Kumar Saini

- Co-authored a research paper titled "AI-Powered Digital Twins for Predictive Maintenance of Net Zero Assets: A Zero Trust Framework for Grid Reliability". The paper was published in the Proceedings of the 4th International Conference on Inventive Computing and Informatics (ICICI-2026) by IEEE.
- Co-authored a Scopus-indexed book chapter titled "The Aloe Vera Plant Leaf Disease Detection System in Agriculture 4.0: Integrating AI and Blockchain Technology". The chapter is part of the book Green Cyber-Physical Systems: IoT & Blockchain for Sustainable Next-Generation Integrated Systems, published in 2026.
- Co-authored a research paper titled "A Multi-Agent, Emotion-Aware and Real-Time Labour-Market Adaptive Career Guidance System Using Psychometric Deep Features and Federated Reinforcement Learning," published by IEEE in the proceedings of the 2026 IEEE 18th International Conference.
- Contributed a paper titled "Adaptive Zero-Day Threat Identification with Unsupervised Machine Learning for Robust Cyber Defense". The paper was presented at the 11th International Conference on Information and Communication Technology for Sustainable Development (ICT4SD 2026) held in Goa, India, from 9-11 July 2026.
- Co-authored the Open Access article titled "Intelligent performance prediction of nanoparticle-enhanced automotive radiator cooling using CFD and machine learning". The article was published in Scientific Reports in 2026.
- Co-authored the article "Real-time detection and analysis of foodborne pathogens using IoT and Machine Learning Techniques". The paper was published in the International Journal of Computer Information Systems and Industrial Management Applications in 2026.
- Successfully achieved a major research milestone by reaching 100 Scopus-indexed documents, as reflected in his Scopus Author Profile.
- Co-authored the Open Access article titled "Resource-efficient federated machine unlearning via evolutionary synaptic pruning for cloud-based distributed learning systems". The article was published in Scientific Reports in 2026.



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FACULTY ACHIEVEMENTS



Dr. D. Sumathi

- Co-authored the conference paper titled "Sockpuppet Detection in Digital Platforms: A Systematic Review of Techniques and Challenges". The paper was published in the Proceedings of the 7th International Conference on Inventive Research in Computing Applications (ICIRCA 2026).



Dr. Durbadal Chattaraj

- Contributed as a resource person in the Faculty Development Program on "Digital Technologies in Aerospace Engineering". The program was organized by the Department of Aerospace Engineering, Dayananda Sagar University, from 13/7/2026 to 17/7/2026.
- Successfully completed the Five days faculty development program on "GPU Architecture & Programming". The program was organized by the department of CSE, Dayananda Sagar University from 7th July to 11th July 2026.
- Served as a Reviewer for the 8th International Conference on Machine Learning, Image Processing, Network Security and Data Sciences (MIND-2026), held during 19th - 21st June 2026 at the Samarkand State University, Samarkand, Uzbekistan.



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FACULTY ACHIEVEMENTS



Dr. G. Hemanth Kumar

- Co-authored a research paper titled "AI-Powered Digital Twins for Predictive Maintenance of Net Zero Assets: A Zero Trust Framework for Grid Reliability". The paper was published in the Proceedings of the 4th International Conference on Inventive Computing and Informatics (ICICI-2026) by IEEE.
- Presented the paper entitled "Behavior Memory Fusion Learning BMFL An Intelligent Memory Forensics Framework for Real Time Detection and Behavioral Classification Fileless Malware". The presentation took place at the 2026 International Conference on Natural Language Processing and Computer Vision (ICNPCV) at Global Academy of Technology (GAT), Bengaluru, during 17th-18th July 2026.



Dr. Prajwalasimha S N

- Successfully attained the "NVIDIA Certified Associate | Generative AI and LLMs" certification on July 07, 2026.



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FACULTY ACHIEVEMENTS



Dr. Indushree M

- Presented the paper entitled "Behavior Memory Fusion Learning BMFL An Intelligent Memory Forensics Framework for Real Time Detection and Behavioral Classification Fileless Malware". The presentation took place at the 2026 International Conference on Natural Language Processing and Computer Vision (ICNPCV) at Global Academy of Technology (GAT), Bengaluru, during 17th-18th July 2026.



Dr. Devipriya V S

- Participated in the 5-Day Faculty Development Programme on "Robot Operating system" from 13th to 17th July 2026. The program was organized by the Department of Artificial Intelligence & Robotics, School of Engineering, Dayananda Sagar University.



Ms. Sayeli Dey

- Successfully completed the 30-hour Faculty Development Program "Agentic AI and LLM Engineering," conducted from 14th July 2026 to 20th July 2026. The program was organised by the Department of Computer Science & Engineering (Artificial Intelligence and Machine Learning), School of Engineering, Dayananda Sagar University.



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FACULTY ACHIEVEMENTS



Ms. Archita Bhattacharyya

- Published a patent titled "AETHERMIND: INTERPRETABLE MULTIMODAL MENTAL HEALTH ANALYSIS SYSTEM" (Application No. 202641060179 A). The patent application was published on July 3, 2026.
- Presented a paper titled "Leakage-Aware Late Delivery Prediction in Supply Chain Logistics: A Comparative and Stacking Ensemble Approach for Sustainable Operations Optimization". The presentation took place at the 4th International Conference on Emerging Trends in Business and Computer Applications (ICETBCA), held from 19th - 20th June 2026, organized by SRUSTI Academy of Management and Technology.



Ms. Jayashree Rana

- Presented a paper titled "Leakage-Aware Late Delivery Prediction in Supply Chain Logistics: A Comparative and Stacking Ensemble Approach for Sustainable Operations Optimization". The presentation took place at the 4th International Conference on Emerging Trends in Business and Computer Applications (ICETBCA), held from 19th - 20th June 2026, organized by SRUSTI Academy of Management and Technology.



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FACULTY ACHIEVEMENTS



Mr. Ankurjyoti Borah

- Successfully participated in the One-Day Seminar on "Federated Learning: Privacy Preserving in Artificial Intelligence". The seminar was organized by the Department of Computer Science and Engineering, Visakha Institute of Engineering & Technology (Autonomous), held in online mode on 26th June 2026.
- Participated in the 5-Day Faculty Development Programme on "LLMOps: LLM Engineering, Orchestration & Production Systems" from 7th to 11th July 2026. The program was organized by the Department of CSE (Data Science) in collaboration with Data Science Club and IEEE Information Theory Society at Dayananda Sagar University.
- Successfully completed the 30-hour Faculty Development Program "Agentic AI and LLM Engineering," conducted from 14th July 2026 to 20th July 2026. The program was organized by the Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning), School of Engineering, Dayananda Sagar University.
- Participated in the 5-Day Faculty Development Programme on "Robot Operating system" from 13th to 17th July 2026. The program was organized by the Department of Artificial Intelligence & Robotics, School of Engineering, Dayananda Sagar University.



Mr. Naveen Kulkarni

- Successfully completed a Six-Day Faculty Development Programme on "Generative AI, Intelligent Systems and AI Entrepreneurship". The program was organized by the Departments of AI&DS, AI&ML, and CSBS at Aalim Muhammed Salegh College of Engineering, Chennai, from 15th June 2026 to 20th June 2026.



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FACULTY ACHIEVEMENTS



Ms. Vinitha V

- Participated in the five-day Faculty Development Programme on "Cyber-Resilient and Sustainable Smart Governance with Artificial Intelligence". The program was organized by the Department of Information Technology at KMCT College of Engineering from 29th June to 3rd July 2026.
- Co-authored a research paper titled "Multimodal Fusion of Remote Sensing and Meteorological Data for Flood Prediction" published by IEEE.
- Successfully completed the Five days faculty development program on "GPU Architecture & Programming". The program was organized by the department of CSE, Dayananda Sagar University from 7th July to 11th July 2026.



Mr. Sharanabasappa Tadkal

- Co-authored a research paper titled "Adaptive Privacy-Aware Network Intelligence for Stealthy Attack Detection in Distributed Communication Systems". The paper was published in the proceedings of the 2026 4th International Conference on Integrated Circuits and Communication Systems (ICICACS) by IEEE, and was added to IEEE Xplore on 30 June 2026.
- Presented the paper entitled "Behavior Memory Fusion Learning BMFL An Intelligent Memory Forensics Framework for Real Time Detection and Behavioral Classification Fileless Malware". The presentation took place at the 2026 International Conference on Natural Language Processing and Computer Vision (ICNPCV) at Global Academy of Technology (GAT), Bengaluru, during 17th-18th July 2026.



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FACULTY ACHIEVEMENTS



Ms. Ranjima P

- Participated in the 5-Day Faculty Development Programme on "LLMOps: LLM Engineering, Orchestration & Production Systems". The program was organized by the Department of CSE (Data Science) at DSU in collaboration with the Data Science Club and IEEE Information Theory Society from 7th to 11th July 2026.



Mr. Akshay Reddy

- Participated in the Three days Faculty Development Program on "Integrating Soft Skills and Life Skills for Productivity Enhancement". The program was held from 08/07/2026 to 10/07/2026 at the Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University - Harohalli Campus.



Ms. Yerragudi Venkata Kashyapi

- Participated in the Three days Faculty Development Program on "Integrating Soft Skills and Life Skills for Productivity Enhancement". The program was held from 08/07/2026 to 10/07/2026 at the Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University - Harohalli Campus.