

April 2025

CYBER GAZETTE

NEWS LETTER

APRIL 2025



**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING
(CYBER SECURITY)**



School of Engineering

DAYANANDA SAGAR UNIVERSITY

**MAIN CAMPUS,
HAROHALLI, KANAKAPURA - 562112**

DEPARTMENT ACCOMPLISHMENTS

session on "Innovation Lab Setup and CoE Design in the Cybersecurity Domain"

16.04.2025

AMr. Teja Chintalapati, Senior Program Manager, Semiconductor Security Division, Data Security Council of India (DSCI), New Delhi, visited School of Engineering, DSU to deliver a thought-provoking session on "Innovation Lab Setup and CoE Design in the Cybersecurity Domain" on 16.04.2025.

He shared key insights into establishing state-of-the-art innovation labs and Centers of Excellence (CoEs) tailored for cybersecurity research and development. He emphasized the strategic role such initiatives play in strengthening India's cybersecurity ecosystem and fostering industry-academic collaboration. This served as a valuable platform for knowledge exchange and future collaborations in the rapidly evolving field of cybersecurity.



FACULTY ACCOMPLISHMENTS

Faculty Training Session on “Software Engineering Using LLM’s- Developing a Forecasting Solution”

12.03.2025

Dr. Durbadal Chattaraj has successfully participated in the Faculty Training Session on “Software Engineering Using LLM’s- Developing a Forecasting Solution” conducted on 12th March 2025 at Dayananda Sagar University. This session was facilitated by Dr. J.B. Simha, CTO, Abiba Systems, Bengaluru, and focused on the transformative applications of Large Language Models (LLM’S) in Software engineering and forecasting solutions.



FACULTY ACCOMPLISHMENTS

Faculty Training Session on “Software Engineering Using LLM’s- Developing a Forecasting Solution”

12.03.2025

Dr.D.Sumathi has successfully participated in the Faculty Training Session on “Software Engineering Using LLM’s- Developing a Forecasting Solution” conducted on 12th March 2025 at Dayananda Sagar University. This session was facilitated by Dr. J.B. Simha, CTO, Abiba Systems, Bengaluru, and focused on the transformative applications of Large Language Models (LLM’S) in Software engineering and forecasting solutions.



FACULTY ACCOMPLISHMENTS

6th Doctoral Symposium on Computational Intelligence (DoSCI-2025)

28th-29th March 2025

Dr.Dilip Kumar Jang Bahadur Saini has participated in the 6th Doctoral Symposium on Computational Intelligence (DoSCI-2025) as a SESSION CHAIR organized jointly by Institute of Engineering and Technology Lucknow, Campus of Open Learning, University of Delhi, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi and University of Calabria, Italy, on 28th-29th March 2025.



FACULTY ACCOMPLISHMENTS

Journal of Experimental Agriculture International.

07.03.2025

Dr. Dilip Kumar Jang Bahadur Saini, has been awarded the Certificate of Excellence in Reviewing by the Journal of Experimental Agriculture International.

Date: 07.03.2025

Validation Link: <https://reviewer.reviewerhub.org/>

Username:DILIPSAINIGMAIL.COM

Password:dzUkQ8KBBKax

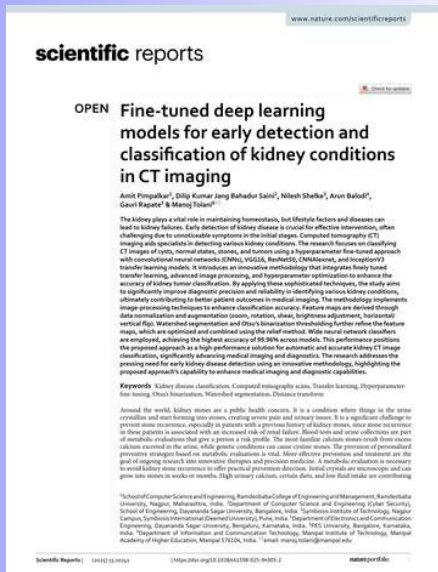


FACULTY ACCOMPLISHMENTS

Fine-tuned Deep Learning Models for Early Detection and Classification of Kidney Conditions in CT Imaging

28.03.2025

Dr. Dilip Kumar Jang Bahadur Saini has published a significant open-access research article titled “Fine-tuned Deep Learning Models for Early Detection and Classification of Kidney Conditions in CT Imaging”. The article was published on 28th March 2025 in the prestigious journal Scientific Reports (Nature Portfolio), highlighting a pioneering approach to utilizing deep learning for enhancing diagnostic accuracy in kidney-related conditions through CT imaging.



FACULTY ACCOMPLISHMENTS

NPTEL course

Jan-March 2025

Prof.V.Vinitha has successfully completed an 8 Week NPTEL course titled “Cloud Computing and Distributed systems” during Jan-March 2025.



FACULTY ACCOMPLISHMENTS

IEEE International Conference on High Performance Computing, Data, and Analytics Workshops, HiPCW.

Dr.Durbadal Chattaraj along with students Mr.Srihari K B(ENG21CY0043) and Mr.Bansidharee Maji(ENG22CY0006) Published an IEEE conference paper titled “Performance Enhancement of Cyber Range through HPC: Issues and Challenges” in Proceedings of the IEEE International Conference on High Performance Computing, Data, and Analytics Workshops, HiPCW.

This research explores critical challenges and potential solutions in leveraging High Performance Computing (HPC) to enhance the capabilities and performance of cyber ranges — virtual environments used for cybersecurity training and testing. The paper provides valuable insights into integrating HPC to simulate complex attack scenarios and optimize training environments.

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FACULTY ACCOMPLISHMENTS

IEEE International Conference on High Performance Computing, Data, and Analytics Workshops, HiPCW.

Dr.Durbadal Chattaraj along with students Mr.Srihari K B(ENG21CY0043) and Mr.Bansidharee Maji(ENG22CY0006) Published an IEEE conference paper titled “Utilization of HPC for Designing Modern Cryptographic Protocols: Analysis and Observation” in Proceedings of the IEEE International Conference on High Performance Computing, Data, and Analytics Workshops, HiPCW.

This conference served as a platform for leading researchers and practitioners to discuss advancements and challenges in high-performance computing, data analytics, and their applications.

Conference: IEEE HiPC Workshops 2024

ISSN: 2770-0151

DOI: 10.1109/HiPCW63042.2024.00078



FACULTY ACCOMPLISHMENTS

Gender Classification Based on Machine Learning Models.

9–11 April 2025

Dr. Mubeen Ahmed Khan was honored with a Certificate of Presentation at the 2025 4th OPJU International Technology Conference (OTCON 4.0) for the research titled "Gender Classification Based on Machine Learning Models." Held from 9–11 April 2025 at O. P. Jindal University, Raigarh, India, the conference focused on Smart Computing for Innovation & Advancement in Industry 5.0.



17th April 2025



CYBER GAZETTE

FACULTY ACCOMPLISHMENTS

2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0

April 9-11,2025.

Dr. Mubeen Ahmed Khan has served as a reviewer of the 2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0 held at O.P.Jindal University, Raigarh, Chhattisgarh, India from April 9-11,2025.



STUDENT ACCOMPLISHMENTS

1.Ms.R.K.Sowri Priya(ENG23CY0034) has participated in the Robo Quiz Competition conducted by the IEEE Robotics and Automation Society in collaboration with Computational Intelligence Society at Dayananda Sagar University on 07.04.2025.



2. Mr.Prajwal N Halvi(ENG22CY0037) has successfully completed the course titled “Tutedude Ethical Hacking” on 19.04.2025.

