

CSE Department Activities in the Month of October, 1 to October 31, 2022

STC Organized

Prof. A L Sangal, Prof Harsh K Verma, Dr Geeta Sikka, Dr Samayveer Singh, and Dr Aruna Malik organized an ISEA-II Sponsored Online Short Term Course on “Cyber Security: Managing Risk in the Information Age”, October 12 - 16, 2022.

Expert Talk

Dr Samayveer Singh delivered an expert talk on the topic “Internet of Things enabled Sensor Networks” at Lyallpur Khalsa College Jalandhar on dated 6 October 2022.

Conference Publications

- Mayank Pandey and Samayveer Singh, “A Review on Various Deepfakes Detection Methods” Proceedings of Fourth International Conference on Computing, Communications, and Cyber-Security: IC4S 2022. (Accepted)
- Anjali Gupta, Lalit K Awasthi, and Samayveer Singh, “Steganography Methods for GIF Images: A Review” Proceedings of Fourth International Conference on Computing, Communications, and Cyber-Security: IC4S 2022. (Accepted)
- Riya Punia and Aruna Malik, “Image Interpolation-based Steganographic Techniques under Spatial domain: A Survey” Proceedings of Fourth International Conference on Computing, Communications, and Cyber-Security: IC4S 2022. (Accepted)
- Raju Pratap Sharma and Aruna Malik, “A Comparative Review on Image interpolation based Reversible Data Hiding” Proceedings of Fourth International Conference on Computing, Communications, and Cyber-Security: IC4S 2022. (Accepted)
- Ayushman Pandey and Jagdeep Kaur, “Enhancing Security and Performance of Software Defect Prediction Models: A Literature Review” in Second International Conference on Security, Privacy and Data Analytics (ISPDA-2022) (Accepted)

STC/Workshop Attended

- Dr. Jagdeep Kaur has completed a workshop on High-Performance Computing and its Multidisciplinary Applications", organized by the National Institute of Meghalaya and Indian Institute of Technology Kharagpur from Aug 22-27, 2022.
- Dr Lalatendu Behera has completed One Week Online Faculty Development Programme on “IoT-induced Artificial Intelligence for Emerging Computing Paradigm” organized by the Department of Information Technology, NIT Jalandhar from 4th - 8th October, 2022.
- Dr Kunwar Pal has completed One Week Online Faculty Development Programme on “IoT-induced Artificial Intelligence for Emerging Computing Paradigm” organized by the Department of Information Technology, NIT Jalandhar from 4th - 8th October, 2022.

Outreach Activities

- Dr. Jagdeep Kaur has presented the progress of the project “Setting up of Science Technology & Innovation led Cluster Jalandhar” in the 3rd Review Meeting under the Chairmanship of Executive Director, Punjab State Council for Science & Technology on 17th Aug, 2022 (virtual platform).
- An outreach activity was organized by Dr. Geeta Sikka, HoD, CSE Dept., Dr. Jagdeep Kaur, Assistant Professor & Project Coordinator (CSE Dept.), and Mr. Hardeep Singh (Field Assistant, Project) of a visit to Govt. High Smart School Nussi, Distt. Jalandhar, Punjab, on 13th September 2022, to create awareness about cleanliness and waste management among the Rural communities under Swachhta Pakhwada. Different activities like Model exhibitions, poster making, and debates were conducted related to single plastic use, waste management, and recycling. The event was sponsored by the Punjab State Council of Science & Technology (PSCST Chandigarh) and Dept. of Science & Technology, Govt of India, under the joint project “Setting Up Science Technology & Innovation Hub in Jalandhar”.
- Entrepreneurship Assistance Programs (EAPs) were organized by Dr. Geeta Sikka, HoD, CSE Dept., Dr. Jagdeep Kaur, Assistant Professor & Project Coordinator (CSE Dept.), and Mr. Hardeep Singh (Field Assistant, Project) at three villages of Jalandhar: Karari on 14th September 2022, Nussi on 29th Sept. 2022 and at Sarmastpur on 30th sept 2022, Jalandhar to promote entrepreneurship in rural areas. The event was sponsored by the Punjab State Council of Science & Technology (PSCST Chandigarh) and the Dept. of Science & Technology, Govt of India, under the joint project “Setting Up Science Technology & Innovation Hub in Jalandhar”.
- The CSE Dept. has celebrated International Girl Child Day 2022 with a full day of events at the NITJ campus and at Govt. High Smart School Naugajja, Distt. Jalandhar, Punjab, on the 11th of October 2022. The main motive of this celebration was to create awareness about gender equality, women empowerment, and girl child health. The event was organized by Dr. Geeta Sikka, HoD, CSE Dept., Dr. Jagdeep Kaur, Assistant Professor & Project Coordinator (CSE Dept.), and Mr. Hardeep Singh (Field Assistant, Project)
- A workshop of five days of Computer-based Training in MS Office and HTML was organized at Govt. High Smart School Nussi, Distt. Jalandhar from 17th October to 21st Oct. 2022. The event was sponsored by the Punjab State Council of Science & Technology (PSCST Chandigarh) and Dept. of Science & Technology, Govt of India, under the joint project “Setting Up Science Technology & Innovation Hub in Jalandhar “The workshop was organized by Dr. Geeta Sikka, HoD, CSE Dept., Dr Rajneesh Rani (Asst Prof.), Dr. Jagdeep Kaur, Assistant Professor & Project Coordinator (CSE Dept.), and Mr. Hardeep Singh (Field Assistant, Project)