

Monthly Departmental Activities for February 2023

Journal Publications

1. Singh, N.P. (2023). Novel ALBP and OLBP features for gender prediction from offline handwriting, *International Journal of Information Technology*, DOI: 10.1007/s41870-023-01166-1 (Scopus Indexed and Under Publication)
2. Singh, N.P. (2023). Retinal Disease Prediction through Blood Vessel Segmentation and Classification Using Ensemble Based Deep Learning Approaches" Accepted for publication, *Neural Computing and Applications* (SCIE and Under Publication)
3. Singh, N.P. (2023). Identification of Retinal Diseases based on Retinal blood Vessel Segmentation using Dagum PDF and Feature-Based Machine Learning Accepted for publication, *Imaging Science Journal*. (SCIE and Under Publication)
4. Ansari, M.S.A., Pal, K., Govil, P., Govil, M.C. (2023). A Fuzzy Based Hierarchical Flash Crowd Controller for Live Video Streaming in P2P Network *Peer-to-Peer Networking and Applications*. (Accepted)
5. Kumar, R., Kumar and Malik, A. (2023). Reversible Data Hiding with High Visual Quality using Pairwise PVO and PEE, *Multimedia Tools and Applications*, 6 Feb., 2023. (Accepted)
6. Thakur N., Singh A., Sangal A.L. SelTCS: A Framework for Selecting Trustworthy Cloud Services, *Sadhana*, Springer accepted SCI 2023.
7. Chaurasia, N. Kumar M. Pal, K (2023) Prediction Aware Server Consolidation Technique to Optimize Energy and Resources in Cloud Computing, *Computers and Electrical Engineering*, Elsevier (Accepted)

Conference Publications

1. Dhenkawat R., Singh S., Singh N.P. Ovarian Cancer Identification using Transfer Learning, *ICABCS2023*, 24th Feb. 2023.
2. Sheth H., Singh S., Singh N.P., Rathee P., Augmentation of Medical Image Dataset Using GAN, *ICABCS2023*, 24th Feb. 2023.

Workshop/FDPs organized

1. Dr Samayveer Singh organized a one-day workshop (online) titled "Entrepreneurial Traits Development and Measurement: A Tool for Sustainable Start-Ups" on February 10, 2023.
2. Dr. Kunwar Pal, Dr. Lalatendu Behera, Dr. Nisha Chaurasia, Dr. Mohit Kumar, Dr. Avani Vyas, Dr. Shivani Sharma and Dr. Naveen Kumar Gupta organized a self-sponsored online

FDP on ML/DL for Data Science and Analytics using Python from 15th to 19th February 2023.

Events Organized

1. Dr. Kunwar Pal and Dr. Lalatendu Behera organized a three-day Inter-Institutional Idea Competition Ideathon (IIIC '23) from 3rd to 5th February 2023.
2. Dr. Kunwar Pal and Dr. Lalatendu Behera organized a three-day exhibition and mentorship program for the Inter-Institutional Idea Competition Ideathon (IIIC '23) from 10th to 12th February 2023.
3. Dr. Jagdeep Kaur was coordinator of the organizing committee of “Symbiosis Summit 2023 - Driving Innovation through Industry-Academia Interaction” held on February 27, in collaboration with CIHT, Jalandhar organized under TechNITi -2023.
4. Dr. Jagdeep Kaur was a member of the organizing committee of the Hackathon, HackMoL 4.0 conducted on 25-26th February 2023 organized under TechNiTi'2023.
5. Dr. Jagdeep Kaur was a member of the organizing committee for the National Science Day celebration held on 28th Feb 2023 at NIT Jalandhar.

Student's Achievements

1. On National Science Day (28/02/2023) in the poster presentation competition held at NIT Jalandhar, Mr. Vikramjit Singh & Mr. Vaibhav Kaushik & Ms. Simrandeep Kaur (MTech Scholars) were awarded certificates for the best poster presentation.
2. Ms. Arshpreet Kaur, Ph.D. Research Scholar participated in the "Tech Startup - Connect & Grow" program under PSCST's SHE (Startups' Handholding & Empowerment) Initiative to promote women entrepreneurship in Punjab. From a pool of about 500 candidates that underwent a thorough screening process, her startup/idea has been selected to proceed to the next stage. She attended the 2-week mentorship workshop conducted by IISER-Mohali, in partnership with PSCST, between Feb 21 and March 4.
3. Ankit Jha, Kevin Antony and Nikhil Pujr, B Tech CSE 3rd year students, participated and ranked in the top 30 teams of the Inter-Institutional Idea Competition, Ideathon (IIIC '23) organized by IIC & Yukti , NIT Jalandhar held from 3rd to 5th February 2023.
4. Rajveer Singh – 20103118 - 4th position in Inter Technical Institutes Football Tournament at Thapar, Patiala, Punjab.

Description: URJA-The inter institute sports festival held at Thapar university, Feb-2023. It is the annual sports festival of Thapar Institute of Engineering and Technology, it's a celebration of athleticism, camaraderie, and sportsmanship.

