Monthly Departmental Activities for April 2023

Journal Publications

1. Chaurasia N, Kumar P (2023), "A Comprehensive Study on Issues and Challenges Related to Privacy and Security in IoT", Elsevier e-Prime - Advances in Electrical Engineering, Electronics and Energy, Volume 4, 100158
2. Ansari, M. S. A., Pal, K., Govil, P., Govil, M. C., Chaurasia, N., Vidyarthi, A., & Alharbi, M. (2023). Identification of vulnerable selfish peer in P2P network using nature-inspired optimization techniques. Physical Communication, 102110.
3. Shobhana Kashyap and Avtar Singh, Prediction Based Scheduling Techniques for Cloud Data Center's Workload: A Systematic Review" Cluster Computing, 2023.

Conference Publications

1. Vardhan A, Kumar P, Awasthi LK (2023), "Performance Evaluation and Comparison of Ensemble Classifiers", International Conference Emergent Converging Technologies and Biomedical Systems" (Accepted)
2. Thakur A, Kumar P (2023), "Survey of Various Authentication Methods used in IoT Devices" International Conference on Microelectronics, Computing & Communication Systems (MCCS-2023) (Accepted)
3. Rajneesh Yadav and Urvashi Garg, A Review on Digital Image Forgery Detection, ICONIC-2023 (Accepted)
4. Rahul Thakur, Geeta Sikka and Urvashi Garg, Breaking Through the Mist: An In-Depth Analysis of Task Scheduling Techniques in Fog Computing, ICONIC-2023 (Accepted)
5. Dipender Singh and Avtar Singh, Enhanced Driver Drowsiness Detection using Deep Learning, Advances in Data Computing, Communication and Security (I3CS) 2023.

Workshop/FDPs organized

1. Dr. Lalatendu Behera and Dr. Banalaxmi Brahma organized an online interactive workshop on Embedded, IoT, Robotics, Design, simulation, and Rapid Prototyping based on the world-leading Proteus VSM software. The team of the Proteus VSM software delivered demos on the various VSM software, which are helpful for the faculties and students of Electrical Engineering, Instrumentation and Control Engineering, Electronics and Communication Engineering, and Computer Science and Engineering. A total of 25 participants joined the meeting and interacted with the Proteus VSM software team.

Events Organized

1. Kunwar Pal and Dr. Lalatendu Behera organized an Inter-Institutional Business Plan Competition (B-Plan'23) on 14th to 16th April, 2023.
2. Dr. Kunwar Pal and Dr. Lalatendu Behera organized an Exhibition and Mentorship program for Inter-Institutional Business Plan Competition (B-Plan'23) on 21st to 23rd April, 2023

Outreach Activities

1. Prof A L Sangal was a selection committee member for the Associate Professor interviews on 22nd Apr 2023 at Panjab University, Chandigarh, and on 26th Apr 2023 at PEC, Chandigarh.
2. Dr. Rajneesh Rani, HoD CSE Dept was organizing secretary at the 2nd International Conference on Women Researchers in Electronics and Computing "WREC-2023" technically sponsored by Springer from 21-23, April 2023 in hybrid mode organized by ECE Dept., Dr. B R Ambedkar National Institute of Technology, Jalandhar
3. Dr K P Sharma chaired a session at IEEE International Conference on Artificial Intelligence and Applications (ICAIA) Alliance Technology Conference (ATCON-1), during **21-22, April 2023**, at Alliance University Bengaluru.
4. Dr. Shveta Mahajan was the Session Chair on the track "Smart and Secure Healthcare Systems Using AI and ML "on 21.04.23 Time 11.00 AM - 12.30 PM (Online) for the International Conference on Artificial Intelligence and Applications (ICAIA) Alliance Technology Conference (ATCON-1), an IEEE International Conference -2023 from 21-22, April 2023 in hybrid mode in ACED, at Alliance University Bengaluru.
5. Dr. Jagdeep Kaur Chaired a session on 22.04.23 Time 11.00 AM - 12.30 PM (Online) in the 2nd International Conference on Women Researchers in Electronics and Computing "WREC-2023" technically sponsored by Springer from 21-23, April 2023 in hybrid mode organized by ECE Dept., Dr. B R Ambedkar National Institute of Technology, Jalandhar
6. Dr. Jagdeep Kaur was Meta-Reviewer for the International Conference on Computer, Electronics & Electrical Engineering and their applications (IC2E3-2023) technically sponsored by IEEE, which will be held on June 8th- 9th, 2023, at NIT Uttarakhand, Srinagar Garhwal, Uttarakhand, India.

Student's Achievements

1. Annie – 21103020 - HIGH COMMENDATION (2nd) at "MODEL UNITED NATIONS: An event at university level where students participate from all around the country. It's a smaller version of UN where students are given delegation of countries and issues discussed in the UN are debated upon the same way." The event was held at PEC, CHANDIGARH on 3/18/2023. There were a total of 300 participants in the event.