

Department of Instrumentation

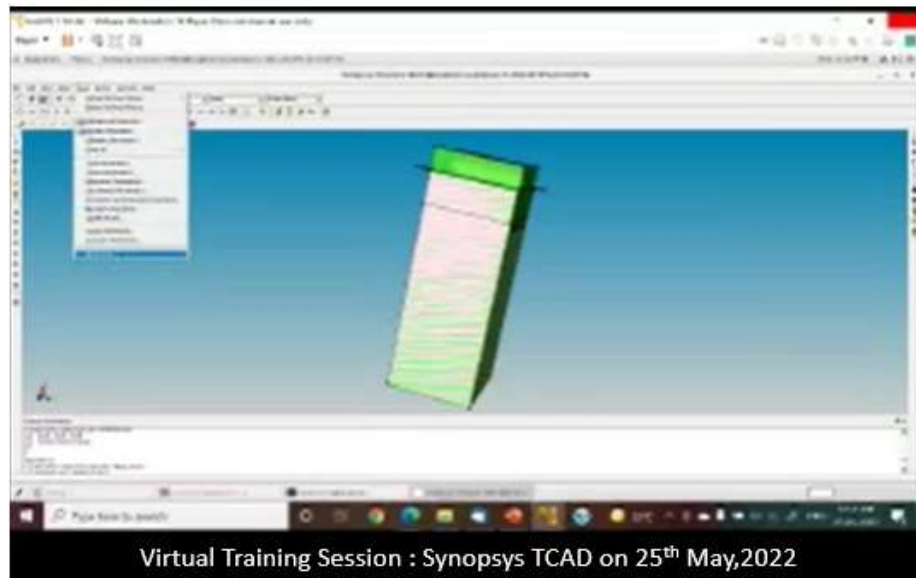
Activities 2022-2023

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1. **Virtual Training Session:** The Department organized a virtual training session on “Synopsys TCAD solutions” in collaboration with the IEEE EDS Delhi Chapter. The session was delivered in virtual mode on the Google Meet platform on Wednesday, May 25, 2022.

- **Resource Person:** Mr. Vyom Sharma (Application Engineer, Eigen Technologies Pvt. Ltd)
- **Number of Participants:** 50



2. **In-house Summer Internship:** Department of Instrumentation organizes In-house summer internships/projects for 2nd and 3rd year students of the college in the summer holidays in June and July. The broad areas for the summer internship were: Analytical Instrumentation and Nanoscience, Artificial Intelligence and Machine Learning, IoT and its application, and semiconductor devices and application. A total of 17 students participated in the internship and gained the opportunity to apply their academic knowledge to real-world scenarios.

- **Resource Person:** Dr. Daya Bhardwaj (Associate Professor, SRCASW, DU), Dr. Sneha Kabra (Associate Professor, SRCASW, DU), Dr. Himani Dua (Assistant Professor, SRCASW, DU), Dr. Neha Garg (Assistant Professor, SRCASW, DU), Ms. Reshma Sinha (Assistant Professor, SRCASW, DU), Dr. Sunil Kumar (Assistant Professor, SRCASW, DU), Dr. Ravi Kumar (Assistant Professor, SRCASW, DU) Dr. Naina Jaiswal (Assistant Professor, SRCASW, DU).
- **Number of Participants:** 17



3. **Wonders of Science:** The Department in collaboration with **IEEE Electron Devices Delhi Chapter, IEEE Delhi Section SIGHT, and other** departments of college Physics, Chemistry, Microbiology, Computer Science, and Electronics organized an eight days hands-on workshop for Saraswati Bal Mandir Senior Secondary School (SBM) students on “Basic and Applied Science” from May 31 to June 7, 2022. About 32 students of class XI and class XII of the School and their teachers enthusiastically attended the workshop.

- **Resource Person:** Dr. Daya Bhardwaj (Associate Professor, SRCASW, DU), Dr. Sneha Kabra (Associate Professor, SRCASW, DU), Dr. Himani Dua (Assistant Professor, SRCASW, DU), Dr. Neha Garg (Assistant Professor, SRCASW, DU), Ms. Reshma Sinha (Assistant Professor, SRCASW, DU).

- **Number of Participants:** 32



4. **Teacher’s Day Celebration:** Students of the department celebrated Teacher’s Day on September 5, 2022, for teachers. To honor and celebrate the efforts of teachers they organized a cultural program to showcase their talents and entertain teachers.

- **Number of Participants:** 40



5. **Vyakhyaan-2022:** Department in collaboration with IEEE Electron Devices Society Delhi Chapter and IEEE Delhi SECTION SIGHT organized an alumni interaction session on “Future Prospects and Career Guidance in the Field of Electronic and Communication” and invited talk on “Nano Electronic Devices for High-Frequency Applications” by Dr. Arun Kumar Singh, Department of ECE, Punjab Engineering College under the activity “Vyakhyaan” on September 23, 2022. In session department eminent alumni Ms. Surbhi Gupta, Manager, IT Applications in Jubilant Generics Ltd, Noida, Ms. Versha Rani, Software Engineer, Pentair Water India Pvt. Ltd. Noida, and Ms. Lakshmi Gayathri A&MS Layout Design Engineer, Synopsys Inc, Noida were invited to interact with the students. They shared their experiences and career journey with the students.

- **Resource Person:** Dr. Arun Kumar Singh (Department of ECE, Punjab Engineering College), Ms. Surbhi Gupta (Manager, IT Applications in Jubilant Generics Ltd, Noida), Ms. Versha Rani (Software Engineer, Pentair Water India Pvt. Ltd. Noida) and Ms. Lakshmi Gayathri (A&MS Layout Design Engineer, Synopsys Inc, Noida)
- **Number of Participants:** 50



6. **Industrial Visit:** The department organized a one-day industrial visit on November 4, 2022, to Sun Pharmaceutical, Gurugram Sector 18 for the department students. Sun Pharmaceutical Industry Ltd. is the fourth-largest specialty generic pharmaceutical company in the world.

- **Number of Participants:** 30



7. **Technical Fest:** The Department organized a technical festival, Technexus'23 on January 17, 2023. The event was technically sponsored by the IEEE EDS Delhi Chapter. As a part of the technical fest, two talks were organized, a Talk on “GaN MMIC Technology” by Dr. Subhash Chander, Scientist ‘F, Solid State Physics Laboratory, DRDO Delhi, and “GaN MMIC Components” by Ms. Kirti Bansal, Scientist ‘E, Solid State Physics Laboratory, DRDO Delhi. Followed by the talk various technical events were organized by students. Many students from the Delhi-NCR region enthusiastically participated and won amazing prizes.

- **Resource Person:** Dr. Subhash Chander (Scientist ‘F, Solid State Physics Laboratory, DRDO Delhi) and Ms. Kirti Bansal (Scientist ‘E, Solid State Physics Laboratory, DRDO Delhi)
- **Number of Participants:** 80



8. **Freshers Party:** Department students organized a fresher’s party to welcome their juniors on 27th, March 2023. It provided a platform for students to make friends, share experiences, and have fun.

- **Number of Participants:** 30



Freshers Party on 27, March 2023

9. **Farewell Party:** The students of the department organized a farewell party for their seniors on April 25, 2023. The event was a memorable celebration of the graduating class's achievements, offering a space for reflection, gratitude, and connection as they prepare to embark on new journeys.

- **Number of Participants:** 50



Farewell Party on 25, April 2023