

3. AFFILIATE OF NATIONAL AND INTERNATIONAL ORGANISATIONS

3.1. UNIVERSITY OF DELHI AT ANDC SPIE STUDENT CHAPTER

Faculty Advisor: Dr Amit Garg

Whooping record of 122 members in the chapter makes it perhaps one of the highest member chapters in the world. Student members of SPIE gave some fantastic ideas that were selected for the chapter.

SPIE Office bearers:

1. President- Prince Sharma, B.Sc. (H) Electronics-III year
2. Vice-President- Mallika Yadav, B.Sc. Physical Sciences with Electronics-II year
3. Secretary- Avinash Kumar, B.Sc. (H) Electronics-III year
4. Treasurer- Gaurav Lohkna, B.Sc. (H) Computer Science-II year

SPIE Activities

1. Wonders of Optics 2019- a hands-on workshop on 'Paradigm Shift in Physics Education through hands-on techniques in OPTICS' was organized on January 24, 2019. The workshop was conducted in collaboration with 'Joy of Learning Foundation', Delhi and was attended by 50 participants
2. The 2019 SPIE Structured Light OPIC (Optics and Photonics International Congress) along with SPIE leadership workshop was held from April 21 to April 26, 2019 in Yokohama, Japan. Mr Rohit Saini, B.Sc. (H) Electronics-III year student attended this conference. He was awarded the Officer's Travel Grant to attend the SPIE Leadership workshop along with OPIC. He was also a part of the IoT-SNAP2019 International conference.
3. 8051/52 Embedded Systems-ROBOTHOLON'19 workshop mainly focused on the students eager to learn about Embedded Systems using 8051. Two of SPIE members, Mr Hardik Minocha and Mr Prahlad Prajapat attended workshop held on October 4, 2019 at IIT, Delhi
4. A two-day Orientation Program from July 22 & 23, 2019 was organized in

5. Optical color mixing workshop cum introductory session with freshers was attended by 110 students.
6. Around 80 students of SPIE student chapter went on an excursion to the Nehru Planetarium.
7. 100 students attended a hands-on workshop on Arduino organized by SPIE in association with Elecbits.
8. DST (Department of Science & Technology, Government of India) sponsored fourth lecture workshop on transdisciplinary areas of research and teaching was held on September 27 & 28, 2019 at Deen Dayal Upadhyaya College, University of Delhi.
9. A lab visit was organized at National Physical Laboratory (NPL) and Institute of Genomics and Integrative Biology (IGIB) under CSIR (Council of Scientific and Industrial Research). Students were divided on the basis of their interests and sent to the respective labs for the practical exposure on September 26, 2019 to IGIB and September 30, 2019 to NPL.
10. SPIE Chapter organized a talk by Professor Marija Strojnik, Astrophysicist and Distinguished Professor at Optical Research Center, Mexico on October 15, 2019 at Acharya Narendra Dev College.
11. Two students, Mr Devesh Yadav and Mr Avinash Kumar Lal were sent to attend Maker Faire Hyderabad event held from November 10-12, 2019 at Hyderabad.
12. Department of Electronics & Physics of Shaheed Rajguru College of Applied Sciences for Women, University of Delhi organized National Seminar on Laser Dynamics and Fiber Optics (NSLDFO' 20) January 7, 2020. Two student members Mr Abhishek Khanna, Mr Abhey Sharma attended the seminar from Acharya Narendra Dev College.
13. Two students from the chapter presented their posters in two days international conference in 'Advances in Smart Materials and Emerging Technologies', IGDTUW, Delhi on January 23 & 24, 2020.
14. SERB Sponsored one-week workshop on 'Deep learning algorithms for medical image processing' was attended by Mr Anudeep AS and Mr Abhishek Udiya. The workshop comprised of lectures delivered by experts from IIT Delhi, IIT Roorkee, IIT Ropar, IIT Jodhpur, DTU, IGDTUW, NSIT and IIIT Delhi and various industry experts from IBM, Altran and Bharat Electronics.