

## Electrical and Electronics Engineering Department

### Report

The Open House of IITD (Indian Institute of Technology, Delhi), the single biggest day to exhibit an extensive collection of innovative research and product development projects held annually on its premises, kicked off with an inaugural lecture to inspire hundreds of students thronging to get a feel of the scientific temperament of this wonderful institution.

Open House serve a real treat to the eyes of the connoisseurs by presenting finest of the projects to technology enthusiasts, students and colleagues from other technical Institutes, school children, industries and general public.



Two faculty members from our institute Dr. Sunil Gupta (Associate Prof.), Mr. Sachit Rathee, (Asst. Prof.) of EEE Department visited The Open House of IITD, on 4<sup>th</sup> November, 2023. Students who have been working on the various projects and technical research for the past one year to showcase their outcomes. There was plethora of projects on display like pesticide spray drone with multiple angle movements, robotics society has displayed a robotic arm with 6 step arm movement which makes it more precise than a human arm and many Arduino based project.



The faculties of EEE dept. has also visited the Electrical vehicle based laboratories, as per NEP2020 this is the most emerging area, as the department is looking forward to implement such labs. Ph. D. students

of IITD also interacted with the faculties and discussed industrial application for all the sponsored projects. Dr. Sunil Gupta share his vast experience with the research scholars of IITD. Industrial based projects were also discussed.

Power Electronics lab of Prof. Bhim Singh (IITD) was also visited by faculties of EEE dept., MSIT where several projects of AC voltage controllers, cycloconverter, Inverters etc. were discussed.



Open House provided a platform to get inspire and gain technical knowledge and ideas which can help in establishing /upgrading EEE labs as per the new scheme of GGSIPU University.