



“OPEN DAY” event at Institute of Physics, Bhubaneswar on National Science Day

Each year on 28th February, Institute of Physics (IoP) observes National Science Day in its premises. However, this year's National Science Day celebration at IoP was planned in a very different manner by the initiative of Prof. K. K Nanda, Director, IoP. As a part of the celebration of National Science Day 2022, IoP organized an “OPEN DAY” event to showcase its activities and create more scientific awareness among the student community, teachers, parents, technology enthusiasts and the general public.

The science activities on “OPEN DAY” at IoP featured live demo experiments, Laboratory visits, poster presentations, and the display of scientific movies. Some exciting and science puzzled live demo experiments such as Eco-house, invisible flame, Faraday effect, Tesla Coil, and Lenz’s Law, Raman scattering, Tyndall effect, Uncertainty principle via diffraction, Bending of light and Total Internal Reflection, Discrepant balloons experiment, O₃-based sanitization, superconducting levitation, etc. were demonstrated to kindle curiosity in the minds of young budding talents. There were also laboratory visits to glimpse the sophisticated equipment/experimental setup. These include Ion Beam Laboratory, Advance Material Growth Laboratory, Laboratory for Low-Dimensional Materials, Surface Nanostructuring and Growth Laboratory, Raman spectrometer, SQUID-Magnetometer, and HEP Detector Laboratory, Liquid crystal laboratory, etc. Efforts were made in advance to make a wide circulation of the event in various Schools, Colleges, and public places in and around Bhubaneswar. Invitations were extended to multiple schools/colleges to visit, explore and enjoy the scientific activities at IoP during the “OPEN DAY”. IoP witnessed an overwhelming response altogether. The majority of the visitors belonged to the students' community, who were very excited to see the scientific happenings at IoP and enjoyed the

scientific vibes. A dedicated team comprising of faculty members, scientific staff, administrative staff, Ph.D. students and postdocs put all their efforts whole-heartedly to make it a grand success and memorable one. The OPEN DAY event was very well received by young students, teachers and the common public as many of them appreciated our effort of conducting a unique way of knowledge sharing and requested us to continue this event every year. Some of the photographs on the “OPEN DAY” event at IoP are enclosed below.

