



## 1<sup>ST</sup> QUARTERLY REPORT ON AZADI KA AMRIT MAHOTSAV (AKAM) PROGRAM

(September – November 2021)

As per the directive of the Department of Atomic Energy, Institute of Physics, Bhubaneswar is celebrating India's 75th year of Independence as '*Azadi Ka Amrit Mahotsav*'. Following activities have been carried out under this program.

# PART A

## September 2021

### **(1) Visit of Prof. K. K. Nanda, Director, Institute of Physics, Bhubaneswar to Boudh District, Odisha during September 25-26, 2021.**

On 25<sup>th</sup> September 2021, Prof. K. K. Nanda, Director, Institute of Physics, Bhubaneswar visited Boudh district of Odisha and met the Collector and District Magistrate Mr. Lalatendu Mishra. They discussed the possibility of organizing the Azadi Ka Amrit Mahotsav (AKAM) program of IOP in Boudh district. The school and college students of Boudh district will be benefitted during the 2 days scientific outreach program planned by Institute of Physics (IOP), Bhubaneswar.



## November 2021

### (10) Night-Sky-view session at IOP

A night-sky-view session was held at IOP on 9<sup>th</sup> Nov. 2021 during 6 pm – 8 pm. The program was conducted with an 8” Schmidt-Cassegrain 2 meter focal length telescope, (computer controlled with GPS system), along with a 4" refractor telescope with manual controls with fine adjustment knobs (a robust, user friendly telescope, which everyone was allowed to handle). The program was held for IOP members and their families. Participants were able to see craters of Moon, Saturn, its rings, and some of its moons, Jupiter, its four Galilean moons and bands of Jupiter. Uranus was also faintly visible (limited by sky conditions).



*Image: Night-sky-view session held at IOP*

### (11) Celebration Of Children's Day-2021

November 14 is celebrated as Children's Day or Bal Diwas every year in India in remembrance of India's first Prime Minister Pandit Jawahar Lal Nehru, born on November 14, 1889. He was also fondly called Chacha Nehru.

A day marking childhood, and to make this event a memorable for our little ones, Institute of Physics, Bhubaneswar celebrated Children's Day on 14 November 2021 in the campus. From Sai Academy, Cuttack, 35 students and 5 teachers participated in this programme. Prof. K. K. Nanda, Director of the Institute gave a summary of the activities of the Institute and delivered a talk on Light phenomena and nanoscience and Dr. S. N. Sarangi delivered a talk on Nano-Biotechnology. Students and teachers visited the different laboratories of the Institute.



Image: A group photograph of the participants, teachers with Institute members



Image: Prof. K. K. Nanda delivering the talk





*Image: Dr. B. Mallick explaining about the IBL*



*Image: Students, teachers are being addressed by Dr. S. N. Sarangi about the facility*