



2nd QUARTERLY REPORT ON AZADI KA AMRIT MAHOTSAV (AKAM) PROGRAM

(December 2021 – February 2022)

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

December 2021

(1) Kalinga TV program on Samanta Chandrasekhara

Kalinga TV presented a half hour program on Dec 12 on Samanta Chandrasekhara, the legendary 19th century Indian astronomer, which included interviews of Prof. L. Satpathy (retd. Professor, IOP) and Prof. A.M. Srivastava (Professor, IOP). Prof. Satpathy and Prof. Srivastava discussed great works of Samanta Chandrasekhar, the naked eye astronomer, his extremely precise measurements, and his exceptional experimental skills in making various instruments for astronomical measurements with everyday materials such as wooden sticks and bamboo. They emphasized the importance of bringing his works to limelight, and recognizing him as a role model as an exceptional experimental physicist.

emphasized on the career in science and the how the research in science mutualized by different other agencies. He also presented the awards to different participants in the valedictory function.

(11) Popular science talk at Berhampur University on the occasion of National Science Day on 28th Feb 2022

Prof. Shikha Varma presented a popular science talk at Berhampur University on the occasion of National Science Day on 28th Feb 2022. The talk was attended by UG and PG students of Physics, Chemistry, Biology, Maths, computer science, Management etc. The title of the talk was “Excitements in Functional Materials: Nanotechnology to “Nano Bio”. The importance and exciting aspects of Nanotechnology in numerous applications was presented to the students.

(12) “OPEN DAY” event at Institute of Physics, Bhubaneswar

Each year on 28th February, Institute of Physics (IoP) observes National Science Day (NSD) in its premises. This year, NSD celebration at IoP was planned in a very different manner from previous years by the initiative of Prof. K. K Nanda, Director, IoP. As a part of celebration of National Science Day 2022, IoP organized an “OPEN DAY” event to show-case its activities to the student community, teachers, parents, technology enthusiasts and the general public. The idea of having an “OPEN DAY” at IoP was conceived by Prof. K. K Nanda, from his past long experience about it at IISc, Bangalore. He realized through “OPEN DAY” IoP can reach out to a larger section of students, teachers, parents and public in the local area and create more scientific awareness.