



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 Chandrasekhara, 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.



YouTube

link: https://www.youtube.com/watch?v=t1h_1tjQHSY

(2) Popular Science talk for B.Sc. students at Banki college

A popular science talk on “The universe, elementary particles, and dark energy” was given by Prof. A.M. Srivastava on 15th Dec. for B.Sc. Students at the Physics Dept., Banki College, Banki, Odisha.



(Popular science talk at Physics Dept. Banki College, Bank, Odisha)