



1ST 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 25th 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.



YouTube link for the session: <https://www.youtube.com/watch?v=YZiLL97qdh8>

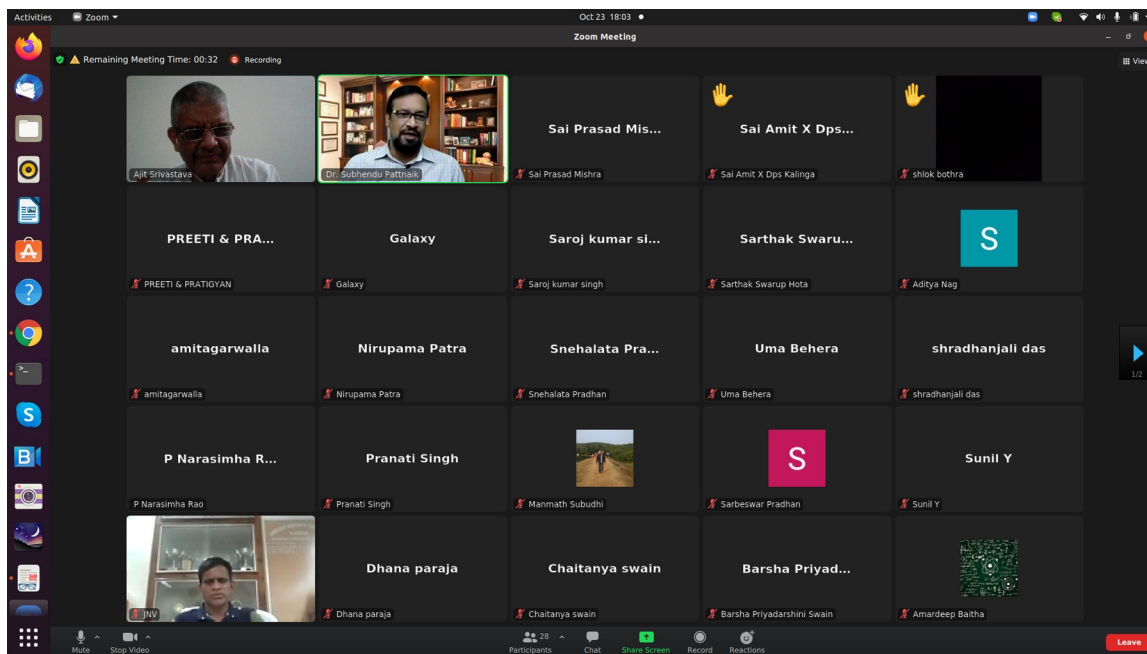


Image: POD Online session, Oct.23rd, 2021

(8) One day seminar on “energy, radiation and materials”

Institute of Physics, Bhubaneswar, Indian Association of Nuclear, Chemists and Allied Scientists-Eastern Regional Chapter, Bhubaneswar and Centurian University of Technology and Management, Bhubaneswar jointly organized a one day seminar on “Energy, Radiation and Materials at Centurian University of Technology and Management campus, Bhubaneswar on 27.10.2021.

SCHOOL OF APPLIED SCIENCES

One Day Seminar on
ENERGY, RADIATION AND MATERIALS

27th October 2021 from 10:30 AM to 05:00 PM
Venue: Seminar Hall, Madhusudan Building

Organised by:
School of Applied Sciences

Chief Guest
 Dr. Karunakar Nanda
 Director Institute of Physics
 Bhubaneswar

Guest of Honour
 Prof. Supriya Pattanayak
 Vice Chancellor
 CUTM

Co-ordinator
 Dr. Susanta Kumar Biswal
 School of Applied Sciences
 CUTM

In Association with:
**Indian Association of Nuclear Chemists and
 Allied Scientists-Eastern Region Chapter and Institute of Physics, Bhubaneswar**

centurian university of technology and management
 Shaping Lives... Empowering Communities...

Image: Flyer for one day seminar on “Energy, Radiation and Materials”.

During the inaugural function Prof. K. K. Nanda, Director, IOP & President, IANCAS-ERC, Prof. Supriya Pattanayak, Vice-Chancellor, Centurian University of Technology and Management, Prof. S. K. Biswal, Dean, School Applied Science & Vice-President, IANCAS-ERC, Dr. S. N. Sarangi, SO-D & Vice-President, IANCAS-ERC, Dr. Biswajit Mallick, SO-C & Secretary, IANCAS-ERC, Shri Bhagabana Behera, SHT & Treasurer, IANCAS-ERC, all Faculty Members, School of Applied Sciences, CUTM and about 120 B.Sc. & M.Sc. Students of CUTM were present in the meeting. Prof. Biswal delivered the welcome address and Dr. Sarangi presented the vote of thanks.



Image: a) Inaugural function, b) Speech by Prof. K. K. Nanda, c) Speech by Dr. S. N. Sarangi, d) Participants of the seminar

After inaugural season, two technical sessions arranged for the one day seminar. Technical session starts with the invited talk of Prof. K. K. Nanda, Director, IOP on “+3 Sc / MSc Courses and various properties of nanostructured materials”. Then Prof. Sujata Mishra, HOD, Department of Chemistry, ITER, S’O’ Anushandhan University, Bhubaneswar delivered a talk on “Solvent extraction -An efficient hydro metallurgical method for recovery of critical metal values from waste materials”, Dr. Binita Nanda, Associate Professor, Department of Chemistry, ITER, S’O’ Anushandhan University, Bhubaneswar delivered a talk on “Role of Nanomaterials in societal benefit”, Dr. S. N. Sarangi, IOP, Bhubaneswar delivered a talk on “Nanoscience: Today’s Science”, Dr. Biswajit Mallick, IOP, Bhubaneswar delivered a talk on “Nuclear Accelerator: A radiation generating machine and its Applications” and Dr. Tapan Dash, HoD, Physics, CUTM delivered a talk on -"Plasma Processing of Advanced Material for Neutron Shielding Application in Nuclear Reactor".