

Annual Report

&

Audited Statement of Accounts

2022-23



Institute of Physics

BHUBANESWAR

ii) **DAE Iconic Week dated 22.08.2022: Plantation**

The Institute of Physics, Bhubaneswar celebrates the DAE Iconic Week as a part of the AzadiKaAmritMahotsav. The inaugural meeting of the proposed week was observed today i.e. on 22.08.2022 in the conference hall of the Institute. Around 100 staff members of Institute including research scholars participated in the inaugural function. As a part of the DAE Iconic Week, the Institute decided to start the activity with tree plantation programme. The Tree Plantation Program (Bano Mahotsav) by the Institute members was organized and 200 of saplings collected from the Forest Department, Govt. of Odisha such as Neem, Pista, Kanchan, Jammu, Ashok etc. were planted inside the Institute campus. Prof. Karuna Kar Nanda, Director, Prof. P.K. Sahu, Registrar and Dr. S. N. Sarangi, Convener, AKAM delivered their speeches on Celebration of DAE Iconic Week at the inaugural meeting. All the staff members participated in the tree plantation and the program completed successfully.



(Prof. K. K. Nanda, Director, Institute of Physics delivering the Inaugural Speech at Inaugural function)



(All staff members at Tree Plantation ground and Prof. K. K. Nanda planting a tree)



(Prof. P. K. Sahu and Prof. S. Varma planting tree)



(Blood Donation Banner and a Group Photos of IOP staff members and Director, IOP)



(Staff members and donors in Blood Donation camp)



Registrar, IOP and Staff members donating Blood

ix) DAE Iconic Week Dated 24.08.2022: (Science Awareness Program for School and Jr. college Students)

Institute of Physics, Bhubaneswar organizes a Science Awareness program for school and junior college students on 24.08.2022. Around 120 students from different schools and colleges of Odisha participated in the program. The students visited all the experimental laboratories of Institute and interacted with faculty members and scientific officers of the Institute. The program ended with an interesting quiz program among the students and the prize distribution was made during the competition.



(Director, Registrar delivering their Inaugural Talk)



Group Photo of participants



Some winner receiving Prizes during Quiz program

x) DAE iconic week dated 25.08.2022: (Academic Program for Sr. College & University students)

As a part of the DAE Iconic week, the Institute organized one day academic science awareness program for senior college students. Around 200 students from various colleges and universities of Odisha have participated in the program. Prof. A.K. Tyagi, Director, Chemistry Group, BARC, Mumbai delivered a popular lecture on the "Career in Science" and had a close interaction with the students. Mr. Manish Patel and Ms. Aisha Khatun, Research Scholars of IOP also gave scintillating academic

talk in the morning session. In the afternoon session, Prof. K.K.Nanda, Director, IOP delivered a popular talk on "Photoluminescent materials for societal applications". Dr. S. N. Sarangi, SO/D of the Institute demonstrated an experiment on Light Emission. The session concluded with National Anthem. By the support of all staff members of IOP, the program was completed successfully.



Prof. A. K. Tyagi, BARC on interaction session with participants



Mr. Manish Patel and Ms. Aisa Khatun, IOP research scholars delivering talk



Prof. K. K. Nanda, Director, IOP on Question-Answer Session with the participants



(Demonstration of Light Emission by Dr. S. N. Sarangi, IOP)

xi) DAE iconic week dated 26.08.2022 : [program for Ankur children (children resides in nearby basti) and yoga program]

The Institute dedicated the 5th day of the DAE Iconic Week to ANKUR (Children lives in the nearby Basti/Slum area). Volunteers from the research scholars of the Institute picked up about 35 children of Standard-III to Standard-VIII from Biswaswar Basti in two slots. There are various scientific awareness activities, explanatory film on Chandrayaan, Trigonometry, scientific recreational activities and many other magical scientific experiments. IOP researchers help children to draw various trigonometric figures. Prof. A.M. Srivastava explained the basic principles of lens and magnet. Prof. Srivastava also advised the kids about the childhood life of prominent scientists like Einstein. Dr. B. Mallick explained the kids on various magical scientific experiments like rainbow production and vacuum pump etc. In the evening session, the Institute organized a Yoga camp with the help of “Art of Living” group. Around 100 participants from the Institute attended the program. With the support of all staff members of IOP, the program was concluded successfully.



Prof. K. K. Nanda, Director, Prof. P. K. Sahu, Prof. A. M. Srivastava and others interacting with the ANKUR Children



(Research Scholars of the Institute helping the ANKUR Children to draw different geometrical shapes)



(YOGA Program, Prof. K. K. Nanda and Prof. P. K. Sahu in Yoga Camp)

xii) *Dae iconic week dated 27.08.2022: [health camp program for Iop members]*

A health camp on Cardio, Ortho and Diet subjects on 6th day of Iconic week. The camp was organized with the professional doctors from local well-known Kalinga Hospital, Bhubaneswar. Approximately 100 members from the Institute campus along with their family members attended the session. Mrs. Anjana Tripathy elaborated the importance of balanced diet. Prof. & Dr. Ranjit Panigrahi gave a popular talk on Orthopedics (Arthritis) and Dr. Susant Saila has given a seminar on Cardiology. Both the doctors have also clarified the questions asked by the audience. Dr. Panigrahi and Dr. Tripathy attended the patient from the audience/ members from IOP after the seminar session. By the support of all staff members of IOP, the program was completed successfully.



(Banner of Health Camp, and a group photograph with Director)



(Prof. K. K. Nanda, Director felicitating Dr. Ranjit Sr. Orthopedics and Dr. Sushant, Sr. Cardiologist of Kalinga Hospital, Bhubaneswar)



(Director felicitating the Dietician and Volunteers from Kalinga Hospital, Bhubaneswar)



Dr. Saila (Cardiologist) and Dr. Tripathy(Orthopedics) attending the normal checkup camp with Institute campus members)

xiii) Dae iconic week dated 28.08.2022:[program on scientific presentation by campus children and drawing competition on AzadiKaAmritMahotsav]

As a part of the DAE Iconic week, on the 7th day of the week, Institute of Physics, with the aim of inculcating scientific temper in the campus children as well as patriotism among the little ones, it was decided to have a drawing competition program among the children on the theme "AzadiKaAmritMahotsav". About 40 children participated in this program. All the winners of the drawing competitions were awarded by the Director, Prof. K. K. Nanda. Later a scientific presentation was given by the children of the campus. Among them, two children were selected to get prize, Mr. Sarfaraz Khan and Ms. Subhrangi. In order to encourage all the little children for their activity, they were given the "AzadiKaAmritMahotsav" Seal. The program ended with the national anthem with the participants. Before the conclusion of the session, there was a group discussion on future planning for the outreach program at IOP. The evening's Skywatch program was canceled due to the bad weather. The program was successfully completed with the support of all the staff members of IOP.



(Banner and Group Photos of the drawing competition)



(Program for ANKUR Children)



(Practical Mathematics for ANKUR Children)



(Yoga Program and the Concluding Session of the AKAM)