



NTBTSL-2017

ଆଦିବାସୀମାନଙ୍କ ସାମାଜିକ ଜୀବନର ଉନ୍ନତିରେ ନାଭିକୀୟ ପ୍ରଯୁକ୍ତିବିଦ୍ୟାର ଭୂମିକା

आदिवासियों के सामाजिक जीवन की उन्नति में नाभिकीय प्रौद्योगिकी की भूमिका

AWARENESS-CUM-WORKSHOP ON "NUCLEAR TECHNOLOGIES FOR BETTERMENT OF TRIBAL'S SOCIAL LIFE"

Date : 18th-19th March, 2017

Organised by : Institute of Physics, Bhubaneswar

Venue : Ekalavya Model Residential School, Mahasingi, Distt.-Kandhamal, Odisha

Sponsored by : Department of Atomic Energy, Government of India



BARC



RRCAT



BHAVINI



NPCIL



IOP



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General Information

The DAE-IOP Awareness-cum-Workshop on "Nuclear Technologies for Betterment of Tribal's Social Life" (in Odia & Hindi languages), is being organized by **Institute of Physics(IOP), Bhubaneswar**. The **NTBTSL-2017** will be held on **18th-19th March, 2017**, venue at **Ekalavya Model Residential School, Mahasingi, Dist. Kandhamal, Odisha**. The main aim of this awareness programme is to educate the young generation about the Atomic Energy and Nuclear Power programmes of India and its utility, production, safety precautions and importance for the society. Atomic Energy Programme of the nation is undertaken by Department of Atomic Energy (DAE), under the direct supervision of Hon'ble Prime Minister of India. The DAE which has 8 R&D Centres, 5 Public Sector Undertakings, 3 Industrial Organizations, 3 Service Organizations and 11 Aided Research Institutions play very important role for the implementation of this programme. IOP is an autonomous research institution of the DAE. The institute is devoted to frontier Physics in both Theoretical Physics and Experimental Physics include condensed matter theory, nuclear and high energy physics. The experimental physics group encompasses accelerator-based condensed matter research, nanomaterials, advanced physical & chemical analysis, and radioisotope analysis.

Nuclear energy is not only proving to be a boon in fields such as, Scientific Research, Medical treatment and Agriculture, but is also going to be a major source of energy to meet the ever increasing demand of energy and electricity in India. Nuclear energy is a controversial and sensitive subject among the public, because it strongly relates public health and safety. Again, nuclear Power Stations are very useful not only for production of electricity, but also for medical treatments, medicines, agriculture, research and other productive measures. But the same time, most of the people fear about the nuclear energy. This is due to the less awareness about the nuclear energy.

There is a misconception on atomic energy among the public. Awareness campaign helps to educate the public about the enormous peaceful benefits of nuclear energy to clear the air about the apprehensions among the local population which sometimes come in the way of executing new atomic programmes.

Mother tongue is the language of heart and mind. Mother tongue is one of the most powerful tools to convey a person easily. The scientific literature related to Nuclear Energy in Oriya & Hindi is scarce and such type of programme will help in removing this scarcity. Further quoting India's former Prime Minister Late P.V Narsimha Rao's book, he stated that in order to take fruits of science & technology to the common people, it is important that scientific literature should be made available in the regional languages as well as national language.

TOPICS

Introduction to DAE organisations, Nuclear Power Technologies, Nuclear Technology for agricultural sector, Irradiation Technology for preservation of foods, Application of Nuclear radiation in medical sciences, Nuclear technology on solar energy and utilization, Career opportunities in DAE and its sister organizations in India, Atom, Energy & Atomic Physics, Exhibition of BARC Technologies (Water Filter, Soil Testing, Vibro Thermal, Nasargruha technology etc.).

OBJECTIVES

- To educate and train the tribal's regarding the utilization of Nuclear Energy;
- To provide adequate knowledge of the technical issues about nuclear energy;
- To lay down foundation stone regarding the importance of atomic energy and Nuclear power from very beginning among young generation;
- To clarify the doubts among common man in the debates on "Nuclear power is an essential requirement to become a Developed Country";
- To popularize sciences related to BARC Technologies ;
- To remove the scarcity of scientific literature related to nuclear energy in Odia language ;
- Empowerment of the tribal women for the progress of our Nation, since an educated mother has been given birth to a knowledgeable future generation.

AWARENESS-CUM-WORKSHOP FORMAT

The Awareness-cum-Workshop will consist of followings:

- Invited talks
- DAE Technologies
- Demo Experiments
- Scientific Film Show
- Quiz test
- Prize distribution
- Feedback from Participants
- Awareness Report to be published

All the above are related to Atomic energy and Nuclear power programme of India.

SOUVENIR

A souvenir containing messages from eminent personalities and abstract of the invited talks shall be brought out on this occasion. Limited number of advertisement shall also be included in the souvenir. Interested manufacturer/ vendors, supplier, service providing Hospitals, Industries & Plants related to Atomic energy production equipment, measurement device for Radiation and Energy wants to advertise their products/services may contact to the organizers for inclusion of same.

REGISTRATION

Both Students and Teacher Delegates are requested to send their duly filled registration form to the Convener, **NTBTSL-2017** (address given below) latest by **14th March 2017**. The Registration form should be forwarded through the Head of the Institution / Principal of the College. There is **no registration fee** for the participation.

IMPORTANT DATES

Last date for Submission: 14th March, 2017
Intimation for Participation: 15th March, 2017
Pre-Registration: 17th March, 2017
Counter Registration Open: 18th March, 2017
Seminar : 18th - 19th March, 2017

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