



**BOSE INSTITUTE**

**CELEBRATES**

**GOLDEN JUBILEE**

**OF**

**DEPARTMENT OF SCIENCE & TECHNOLOGY**

**GOVT. OF INDIA**



- **Webinars**
- **Colloquium**
- **Seminar series**
- **Popular lectures**
- **A film on glorious history of Bose Institute**
- **Publication of commemoration books/monographs.**
- **Rural Biotechnology Training Workshop**
- **Advanced workshop on microscopy and imaging**
- **Popularization of science among school students**

**3<sup>RD</sup> MAY 2020 TO 2<sup>ND</sup> MAY 2021**

**ACTIVITIES UNDERTAKEN / PROPOSED TO BE  
UNDERTAKEN FOR  
DST GOLDEN JUBILEE CELEBRATIONS  
BOSE INSTITUTE, KOLKATA**

On the occasion of DST Golden Jubilee Celebration during 3rd May 2020 to 2nd May 2021, Bose Institute has initiated several programmes to impart scientific learning as well as diffusion of knowledge and is planning for more activities in the coming days.

**A. Activities Already Undertaken:**

**Webinars organized by Division of Bioinformatics:**

The Division of Bioinformatics has been hosting webinars that not only increase core scientific knowledge but also explore more pressing issues related to the current pandemic, such as vaccine development and commercialization of indigenous technology.

**Bose Institute (BI) Colloquium:**

BI Colloquium was organized on September 24, 2020 through Google Meet Platform. The Colloquium entitled “*Manifestation of classical motions in the Quantum world of Nuclei*” was delivered by Dr. Gopal Mukherjee, Variable Energy Cyclotron Centre, Kolkata.

**Seminar series: 'Nature - as we unfold it'**

Research scholars from Centre for Astroparticle Physics and Space Science (CAPSS) are organizing this unique online seminar series with the motivation of outreach and interdisciplinary learning. The seminar cover topics from Physical Sciences, Environmental Sciences and Medical Biology by inviting experts to talk about their fields and their research in popular or semi-popular mode.

### **Webinar on High Energy Physics:**

Bose Institute is organizing webinars, from 3<sup>rd</sup> May 2020 onwards, to understand the different aspects of strongly-interacting matter as was present in early universe and expected to be present in the core of neutron stars.

### **Popular lectures:**

Faculty members have delivered lectures to bring science to the doorstep of the common man through programmes of All India Radio and also delivered popular science lectures to school and college students.

### **B. Proposed activities to be undertaken:**

1. Videography on Bose Institute: Historical perspectives and current activities.

2. Publication of a Coffee Table Book highlighting the glorious research activities of Bose Institute and its contribution towards nation building.
3. Rural Biotechnology Training Workshop at the Falta Experimental Farm to enable adoption of modern farming technologies.
4. Popularization of science among less-privileged classes of the North-East through hands-on training programmes at Mayapuri Campus, Darjeeling.
5. Motivating high-school students to pursue careers in science through hands-on training programme on Basic and Applied Physical and Biological Sciences at Madhyamgram Experimental Farm
6. Advanced workshop on microscopy and imaging: from light to cryo-electron microscopy.
7. “Microsecond Era of the Early Universe”- conference on high-energy physics.
8. Popularizing science through vernacular medium via active participation at Acharya Satyendranath Basu Smarak Bijnan O Projukti Mela.