



**Annual Report
2022-23**



Prof. Anil Kakodkar (left), Chancellor, HBNI and Shri K. N. Vyas (right) Chairman, Council of Management, HBNI and Secretary DAE delivering their addresses on occasion of Prof. Srikumar Banerjee Memorial Programme



Prof. Indranil Manna delivering his talk

- **HBNI Foundation Day Celebration**

The Foundation Day of the Homi Bhabha National Institute (HBNI) was celebrated in hybrid mode at the DAE Convention Centre in Anushaktinagar, Mumbai on June 3, 2022. Shri S. Somanath, Secretary, Department of Space and Chairman, Indian Space Research Organization (ISRO) was the chief guest on the occasion. Dr. A. V. Rama Rao, Founder & Director, Avra Labs (Pvt.) Ltd. and Former Director, IICT was invited to deliver Prof. J. B. Joshi Research Foundation Endowment Lecture. Prof. A. K. Mohanty, Director, BARC and Member, Council of Management, HBNI presided over the function. Outstanding students of the institute in various academic programs and winners of Prof. J. B. Joshi Research Foundation innovation awards for the year 2021 were also honoured on the occasion. Chancellor, HBNI, Prof. Anil

Kakodkar, functionaries of HBNI at various CIs/OCC and Central Office, and a large number of faculty, alumni and students of HBNI participated in function in both online and offline mode.

Dr. A. V. Rama Rao presented J B Joshi Research Foundation Innovation awards. He delivered an inspiring lecture titled, “Reflections from a Personal Journey as Scientist, Technologist and Entrepreneur”, providing a detailed account of his journey from a world class academic researcher to a successful Entrepreneur running a multi-million-dollar pharmaceutical company (Avra Laboratories).

Shri S. Somanath distributed degree certificates and also presented awards to outstanding students of PhD, M. Tech, M.D., D.M. and M.Ch programmes. He delivered an address on the topic “Technology Disruptions in Space Sector - Our Opportunities”. In his address, he gave an overview of the futuristic and disruptive technologies for space sector where ISRO has initiated its research & development initiatives, viz., satellite-based quantum communication, space tech enabled drones, self-vanishing-rockets, self-healing materials, humanoid robotics, intelligent satellites and space-vehicles, artificial-intelligence based space applications, etc.

Following the formal program, a colourful cultural program was presented by the students of HBNI.



Prof. P. D. Naik welcoming the gathering



Prof. A. K. Mohanty (top left), Prof. Anil Kakodkar (top right) and Prof. Vasudeva Rao (bottom) addressing the gathering



Dr. A. V. Rama Rao delivering Prof. J. B. Joshi Endowment lecture



Shri S. Somanath delivering his address



J B Joshi Research Foundation Innovation Award winners receiving their awards from Dr. A. V. Rama Rao



Outstanding student award winners receiving their awards from Shri S. Somanath



Glimpses of the Cultural Program presented by HBNI students