

Eighteenth Foundation Day Celebration of HBNI

The 18th 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, 2023. Prof. Subhasis Chaudhary, Director, Indian Institute of Technology (IIT), Bombay was the chief guest on the occasion. Dr. Ajit Sapre, Group President, Reliance Technology Group, Reliance Industries Pvt. Ltd., Mumbai was invited to deliver Prof. J. B. Joshi Research Foundation Endowment Lecture. Prof. A. K. Mohanty, Secretary DAE and Chairman, Council of Management, HBNI presided over the function, and Prof. U. Kamachi Mudali, Vice Chancellor HBNI presented the annual report for 2022-23. Prof. Anil Kakodkar, Chancellor, HBNI, Prof. Vasudeva Rao, Former Vice Chancellor, HBNI, directors and 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. Outstanding students of the institute in various academic programmes and winners of Prof. J. B. Joshi Research Foundation Innovation awards for the year 2022 were also honoured on the occasion.

The event began with the welcome address by Prof. P. D. Naik, Dean, HBNI and Prof. Kamachi Mudali, Vice chancellor, HBNI presented the annual report of HBNI for the period 2022-23. He gave a comprehensive overview of the progress of HBNI in various domains and informed the gathering about the new academic programmes of HBNI, value added courses and high value webinars and other events conducted by HBNI in the past year.



Dignitaries on the dais during HBNI Foundation Day Celebration on June 3, 2023



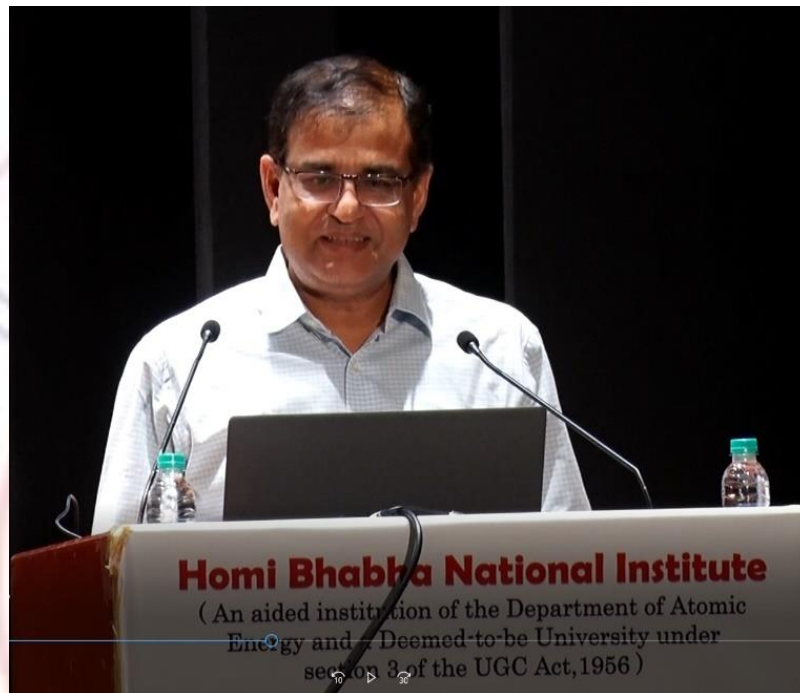
Prof. P. D. Naik (left), Prof. Kamachi Mudali (center) and Prof. A. K. Mohanty (right) addressing the gathering on the occasion of HBNI Foundation Day

Prof. A. K. Mohanty began his address by congratulating all the award winners and degree holders and remarked that he is certain that their educational journey with HBNI has given them the skill and knowledge to fulfil the societal needs, innovative research and entrepreneurship. He said that HBNI is a confluence of different centres of excellence which have their own academic freedom but at the same time are bound together with a common cause of creating excellence in the field of nuclear science and technology. He said that he is happy to know about the high quality of research work being carried out at CIs/OCC of HBNI which has led to not only a steady rise in high quality publications in peer reviewed international journals but also in translational research by translating the latest research into new technologies. He also released two books titled, “Nuclear Reactor Thermal Hydraulics” edited by A. K. Nayak, G. Vaidyanathan, K. Velusamy, A.K. Dureja, Naveen Kumar, A.M. Vaidya, Mukesh Dhiman and A. J. Gaikwad and “Nuclear Fuel Cycle” edited by B. S. Tomar, P. R. Vasudeva Rao, S. B. Roy, Jose P. Panakkal, Kanwar Raj, A. N. Nandakumar.



A book titled, “Nuclear Reactor Thermal Hydraulics,” being released by Prof. A.K. Mohanty, Secretary, DAE and Chairman, Council of Management, HBNI

Prof. Subhasis Chaudhary distributed the degree certificates and also presented the awards to outstanding students of PhD, M.Tech, MD, DM and MCh programmes. He congratulated the award winners and students who received their degrees on the occasion and shared his nuggets of wisdom with them. He remarked that today's Indian youth is highly aspirational and it is the responsibility of people who are a part of education sector to create educational institutes which not only provide quality education but also empower them with the skills which not only help them prosper but also ensures growth and prosperity of nation.



Prof. Subhasis Chaudhary delivering his address



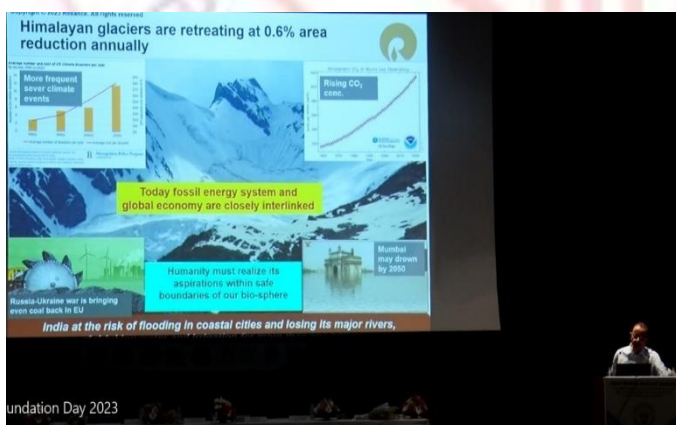
Outstanding Student Award winners receiving their awards from Prof. Subhasis Chaudhary

Followed by this, Dr. Ajit Sapre presented the J B Joshi Research Foundation Innovation awards and also delivered an inspiring and thought-provoking lecture titled, “Climate Change, Sustainability, and Energy transition: One perspective.” He said that Global energy demand is expected to rise about 25% by 2040, mainly driven by developing countries, and thus there is

greater need of clean energy sources that can take care of the rising energy demand as well as emit less/zero CO₂ emissions in the atmosphere. He also elaborated on the technologies which are being implemented and being developed by Reliance Industries (RIL) to help meet RIL's net zero goals. These technologies include advances in the areas of biofuels, chemicals, synthetic biology, advanced materials, novel catalysts and reactors.



J B Joshi Research Foundation Innovation Awardees receiving their awards from Dr. Ajit Sapre



Dr. Ajit Spare delivering the talk



Prof. Selvin proposing vote of thanks



*Glimpses of the cultural program presented by
HBNI students, staff and faculty members*

Prof. Christopher Selvin, Registrar proposed the vote of the thanks which was followed by national anthem. The Foundation Day celebration concluded with a colourful cultural programme presented by enthusiastic HBNI students, staff and faculty members.
