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अणुविद्या

HBNI NEWSLETTER

होमी भाभा राष्ट्रीय संस्थान

Homi Bhabha National Institute

(परमाणु ऊर्जा विभाग की एक सहायक संस्था और यूजीसी अधिनियम 1956 की धारा 3 के तहत विश्वविद्यालय माना जाता है)

(An aided institution of the Department of Atomic Energy and a Deemed-to-be University under section 3 of the UGC Act. 1956)

Course on Nuclear Science and Technology

An online course on “Nuclear Science and Technology” was conducted by HBNI during February 2021 to May 24, 2021. The course was inaugurated by Prof. A.K. Mohanty, Director, Bhabha Atomic Research Centre Mumbai, on February 5, 2021 who also delivered Inaugural address. The course was coordinated by Prof. B.S. Tomar, Institute Chair Professor, HBNI and the lectures were streamed live on HBNI YouTube channel, (HBNI Webinar). The online course imparted basic knowledge about nuclear science to students followed by an overview of the applications of nuclear energy in nuclear power generation as well as applications of radiation and radioisotopes in different fields such as healthcare, industry, agriculture and food technology. The course saw good participation from a variety of educational institutes across the country.

Course on Nuclear Law and Policy (NULAP)

An online course on Nuclear Law and Policy is being organized by HBNI for professionals in various units of DAE such as BARC, AERB, IGCAR, HWB, BRIT, NFC, NPCIL, and DAE starting from May 11, 2021. The course is coordinated by Prof. R.B. Grover, Emeritus professor, HBNI and Prof. Ramkumar, Former Head, NCPW, DAE.

The course is intended to disseminate knowledge of evolution of nuclear laws and policies, and covers topics such as nuclear safeguards, export controls, civil nuclear liability, resumption of civil nuclear trade and cooperation, atomic energy act, role of nuclear energy in India’s electricity mix, choice of nuclear fuel cycle, importance of following a closed fuel cycle, uranium exploration and mining, uranium resources in India, back end of the nuclear fuel cycle, radiation protection in practice, nuclear safety, nuclear security, economics of nuclear power, and disaster management to senior and middle level managers in the department. More than 150 participants from NPCIL, BARC, AERB, IGCAR, NFC, HWB, BRIT, DAE, in addition to three participants from TISS are attending the course.

Visit of NAAC Peer Team to HBNI for Second cycle of Accreditation

NAAC peer team consisting of six members from different educational institutions in India visited HBNI during March 3, 2021 to March 5, 2021. The inaugural meeting was conducted on March 3, 2021 and Prof. Vasudeva Rao, VC, HBNI gave a detailed presentation about different aspects of HBNI. Directors of CIs/OCC, BoS conveners and Deans from all CIs/OCC joined virtually. During the course of their visit, the peer team members had interactions with students, faculty, alumni and management. The team members also visited CIs of HBNI located in Mumbai, viz., BARC, TMC and ACTREC to get an overview of research and infrastructure facilities available in these institutes to conduct research in the various disciplines of sciences.

During the exit meeting held on March 5, 2021 the NAAC team expressed satisfaction about all the arrangements made for visits, inspection and interactions.



Prof. Vasudeva Rao addressing the NAAC Peer Team during the Inaugural Meeting