

### **3.6.1 Extension activities in the neighborhood community in terms of impact and sensitising students to social issues and holistic development during this year.**

#### **Response:**

CIIs/OCC of HBNI has a long tradition of interacting with the community in the neighborhood. The faculty of HBNI takes pride in extending their knowledge base to train and educate the community, through a large number of professional bodies that are functional in these organizations. Faculty also participates as resource persons in the extension/out-reach programs organized by DAE across the country.

Due to nationwide lockdown imposed from March 2020 and later on due to Covid-19 restrictions, educational visits to CIIs or outstation outreach activities could not be undertaken by CIIs of HBNI. However, dissemination of knowledge to school/college /teachers across the educational institutes across country continued through several webinars conducted by CIIs. For example, during the period April 2020-March 2021, IPR, Gandhinagar conducted a total of 27 webinar events for various levels of students as well as science teachers across India and total number of participants for these events was 1475. HRI, Prayagraj also carried its outreach activities in the online mode and various talks were organized for high school students in Mathematics and Physics disciplines which were streamed live on the YouTube channel of institute. (<https://www.youtube.com/channel/UCArkeAUqzwKZT8khGbvDyTQ>).

IMSc. Chennai organized 31 webinars on Computational Biology during the period July - December 2020. The webinars were conducted by speakers from both national and international educational institutes. The detailed information on the webinars is available at the institute website. IOP, Bhubaneswar organized 40+ seminars, colloquia and workshops and conducted outreach programmes targeted at students of schools, colleges and Universities for the popularization of science, Covid-19 pandemic awareness as well as DAE's programmes related to atomic energy. Some of the HBNI faculty from NISER gave webinars on various interesting topics including a talk on Physics Nobel Prize -2020. Under the Vigyan Pratibha Programme, SINP organized various discussion seminars during the year and the participants were trained in various topics based on science and mathematics through discussions and various hands-on activities.

Tata memorial Centre, Mumbai conducted many COVID – 19 awareness and training sessions among healthcare students and professionals in Mumbai metropolitan region. On world cancer day, TMC organized webinar on early diagnosis & prevention of common cancers for student's awareness. Several virtual lectures on cancer risk factors & its prevention, tobacco & alcohol health hazards was delivered on national science day to aware the students about various health issues, and attract them towards medical science carrier.