

3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Describe the impact of extension activities in sensitizing students to social issues and holistic development within a maximum of 500 words

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

Several faculty of HBNI from BARC take active part in training of students for the International Science Olympiads each year. Several faculty from CI/OCC also take courses in other educational / research institutions (eg. HBNI-BARC faculty providing support to Centre for Excellence in Basic Sciences (affiliated to Mumbai University)). A school on analytical chemistry is organized regularly by BARC for the benefit of students and young researchers from all over the country.

HRI runs the Harsha School club in the Chhatnag village area, which works to reduce the drop-outs from schools by making the school children realize that learning can be interesting. The school has been greatly supported by HRI and several individuals through their generous financial support over the years. HRI also organises a week long science programme in Hindi for higher secondary students from Allahabad district, to motivate them to take up a career in Science.

The research scholars as well as faculty of IGCAR participate in the Swachh Bharat activities. Faculty and students also participate in demonstration / lecture programs at various schools and colleges under the aegis of several professional organisations such as IANCAS, ISRP, SACSE, IWSA.

RRCAT also encourages holistic development of students through participation in outreach activities. During Science Day celebration in the Centre students are deputed as volunteers for various exhibits and also serve as demonstrator to explain the models to the visiting children from various schools and other visitors from adjoining areas. To sensitise the students about various social issues every year marathon run is organized with a focus on some vexing issues, eg. Use of plastic, water scarcity.

SINP organises regular science outreach programs for schools of rural West Bengal, Kendriya Vidyalaya schools and colleges. Along with HBCSE, Mumbai, SINP carries out various activities of Vigyan Pratibha project regularly with 17 K.V. schools in West Bengal. SINP also participates in science outreach fairs in various parts of WB organized by NGOs. On Science day, Research Fellows of SINP organize a science quiz contest which attracts enthusiastic participation from the school students.

IoP students have been teaching children from a nearby Basti, language, basic mathematics and science in Odia, Hindi & English for many years. IoP also organizes many activities for students from various districts of Odisha, on the occasion of National Science Day. Faculty, students and staff of IoP also organize demonstration/lecture programs at various schools and colleges. Telescope shows are organized for general public, on the occasion of events of astronomical importance (eg. Eclipses). Swachh Bharat related activities are also organized by IoP at different places in Odisha.