**7.3.2 Plan of action for the next academic year (200 words)**

HBNI has significantly contributed to the indigenous development of nuclear science and technology by adding to the substantial knowledge in this unique domain, generating valuable human resources, and providing useful inputs to the mission programs. The academic programs in the area of medical and health sciences have led to a significant addition to the Nation’s strengths in medical oncology. The University has a great potential to ramp up its contributions, expand its scope and coverage of programs and provide required human resources for a nuclear energy program, comprehensive cancer care, mega-science research, research in the frontier areas of science and technology and research and development in key areas that can provide benefits to the society.

The plans of actions for the next academic year include the following:

1. Introduction of new academic programs, such as Integrated MD-PhD program, Integrated MSc in Computer Science, Integrated MSc in Earth and Planetary Sciences, in Life Sciences, Integrated MSc-PhD program in Mathematics and MSc (Patient Navigation).
2. Introduction of additional skill-based courses, such as Fellowship in Paediatric Palliative Medicine and Fellowship in Cancer Cytogenetics.
3. Offering of unique courses from HBNI on NPTEL platform. The courses include i) Nuclear and Radiochemistry, ii) Environmental Studies, and ii) Disaster Management –Challenges in CBRNEM
4. Webinars on various important topics for the benefits of research scholars.
5. Creation of a Research and Development Cell at HBNI to identify thrust areas of research, to promote researchers and innovators, and to identify potential collaborators from industry, research organizations, academic institutions etc. This will also help to form a strong research and incubation group in the Department of atomic energy.
6. Designation of ‘Professors of Practice’ at HBNI to take help from professors from the other fields for the holistic development of the students.
7. Establishment of HBNI Placement Cell (HPC) to create professionals with a sense of integrity, awareness & excellence and to facilitate training and placement activities for the brightest young students of HBNI aspiring for placement. Additionally, it acts as a nodal point of contact for companies seeking to recruit employment of students. Apart from providing job opportunities, HPC also offers guidance to students that helps them shape their career through various workshops and industrial tours.
8. Publication of an information brochure on HBNI-Industry Linkage Centre.
9. Establishment of HBNI Alumni Cell
10. Signing of MoUs between HBNI and various academic institutions, universities and industries to enhance collaborative research in the areas of mutual interest.
11. Interaction of Vice Chancellor, HBNI with students and faculties of different CIs and OCC of HBNI.