**6.5.3 Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).**

1. The academic ordinances are being refined by taking into account of the rules and regulations recommended by various statutory bodies of HBNI, NEP-2020 and New Academic Programmes introduced recently, with an objective of enhancing the clarity of academic processes.
2. Unique courses of high value have been introduced for the benefit of HBNI students and students from various other HEI. Some of these courses are: Advanced course on Nuclear Science and Engineering, Advanced Material Chemistry, Nuclear Law and Policies, Emerging trends in Biophysics, Advance course on corrosion degradation in light water.
3. HBNI, in collaboration with Indian Institute of Management, Ahmedabad, conducted Sarabhai Development Programme for the Senior Executives of DAE. This program was aimed to provide the participants an understanding of the latest business practices, management techniques and tools that will allow them to enhance efficiency and contribute to their respective organisations.
4. In order to facilitate the streaming of online courses and to conduct webinars, a new Video conferencing facility has been established by HBNI in addition to the existing facility at HBNI Council Hall.
5. Series of unique online courses and educational webinars have been introduced for the benefit of students and faculties and are made available on YouTube, for free access under the channel “HBNI Webinars”.
6. Initiated preparation of contents and recording of lectures for NPTEL courses in various disciplines in the areas, in which HBNI faculties have unique expertise.
7. Established a Research Scholars’ Forum to encourage and support collaboration, to obtain feedback and suggestions for new programs and processes, and to provide a forum for enhancing their communication skills.
8. Introduced several measures to ensure that all the academic processes are able to proceed smoothly by adapting to online mode for synopsis and thesis submission, issue of certificates, etc., to decrease the time for processing the activity/request.
9. Introduced new skill based academic programs at the master’s level.
10. Feedback from students, faculty, parents, outgoing students and alumni is sought which gives valuable inputs about the strengths and weaknesses of HBNI and areas for improvement.
11. Guidelines have been issued for the authorship of papers and patents for faculty and students.
12. A formal program of induction of faculty has been introduced for the benefit of newly inducted faculties to brief them about the academic programs at HBNI.
13. The security features in the degree certificates were enhanced by incorporating QR code and the photograph of the student.