प्रो. नवीन कुमार
सह डीन

Prof. Naveen Kumar
Associate Dean

Minutes of the 13th meeting of Internal Quality Assurance Cell (IQAC)

13th meeting of the Internal Quality Assurance Cell (IQAC), HBNI was held on July 16, 2024 at 1100 hrs at Council Hall, HBNI, Anushaktinagar, Mumbai in hybrid mode. The meeting was attended by the following:

S. No	Name	Designation		
1	Prof. U. Kamachi Mudali	Vice, Chancellor, HBNI	Chairman	In - person
2	Prof Shashank Chaturvedi	Director, IPR	Member	On Video
3	Prof Gautam Bhattacharya	Director, SINP	Member	On Video
4	Dr Sumit Som	Director , VECC	Member	On Video
5	Prof V Ravindran	Director, IMSc	Member	On Video
6	Prof A K Tyagi	Dean, HBNI	Member	In - person
7	Prof P. C. Selvin	Registrar, HBNI	Member	In - person
8	Dr Himal Bhatt	SO/G, HP&SRPD, BARC	Member	In - person
9	Ms. Tanya Singh	PhD Student (Physical Sciences), HBNI	Member	In - person
10	Prof Vidhya Sundarajan	Dean Academic, IGCAR	Nominee of Shri C G Karhadkar, Director, IGCAR	On Video
11	Prof Naveen Kumar	Associate Dean, HNBI	Member Secretary	In - person
12	Prof D K Maity	Associate Dean, HNBI	Invitee	In - person
13	Prof B K Nayak	Associate Dean, HNBI	Invitee	In - person
14	Prof C P Paul	Convenor, HIIC, HNBI	Invitee	In - person

Members who could not attend the meeting:

S. No	Name	Designation	
1	Shri Vivek Bhasin	Director, BARC	Member
2	Dr Ajit Sapre	Reliance Industries Ltd.	Member
3	Shri U D Malshe	Director, RRCAT	Member

Prof Naveen Kumar greeted and welcomed all the members and invitees to the 13th meeting of IQAC. He requested Vice Chancellor, HBNI to present the welcome address and opening remarks.

M.1 Welcome Address and Opening Remarks by Prof U Kamachi Mudali, VC, HBNI

Vice Chancellor welcomed all the members to the meeting and emphasized the importance of IQAC in enhancing the quality of education in Higher Educational Institutes. He emphasized that IQAC should meet once in a quarter in a year as mandated by UGC. He briefed the Cell about the progress made by HBNI since last meeting highlighting the key achievements. The cell was informed that 2nd OCC of HBNI, Homi Bhabha Cancer Hospital & Mahamana Pandit Madan Mohan Malaviya Cancer Centre (HBCH & MPMMCC) was approved as an Off-Campus Centre (OCC) by Ministry of Education at Varanasi, and with that HBNI has academic activities and programs at 10 CIs and 2 OCCs. HBNI celebrated the Foundation Day and the 1st Annual Cultural Festival, Anurang, on 3rd June 2024. It was emphasized that as per UGC requirement each CI/OCC should constitute a Quality Assurance Cell at CI/OCC level.

M.2 Ratification of Minutes of the 12th meeting of IQAC

With the permission of the chair, Prof Naveen Kumar presented the minutes of the 12th meeting of the IQAC to the cell. The minutes were read and approved. Prof Tyagi, Dean HBNI proposed the acceptance of MoM and Prof Selvin, Registrar, HBNI seconded the approval of MoM.

The agenda of the 13th meeting was presented to the Cell. Thereafter, the Agenda items were taken up for deliberations in seriatim.

M.2.1 Discussions on making Similarity Index mandatory for dissertation for Master degree programs: by Prof Naveen Kumar

Prof Naveen Kumar made a presentation on UGC requirements for promotion of academic integrity and prevention of misconduct including plagiarism in academic writing among student, faculty, researcher and staff. The committee was informed that as per gazette notification titled, "University Grants Commission

(Promotion Of Academic Integrity And Prevention Of Plagiarism In Higher Educational Institutions) Regulations, 2018 (Issued On 23rd July 2018)", every HEI should establish the mechanism as prescribed in these regulations, to enhance awareness about responsible conduct of research and academic activities, to promote academic integrity and to prevent plagiarism. The committee was informed that these rules are applicable for all programme of study leading to the award of a masters and research level degree. It is mandatory for all doctoral students of HBNI to take a course on "Research methodology" and "Research and Publication Ethics". It is also mandatory for all the PhD students to submit a Similarity Index Report for Dissertation work. Each student must sign and submit a declaration that the thesis is free from plagiarism. The cell was informed that UGC regulations outline specific penalties for varying levels of plagiarism, reinforcing the zero-tolerance policy. The cell recommendations a structured approach to implement plagiarism checks, including the establishment of Departmental Academic Integrity Panel (DAIPs) and Institutional Academic Integrity Panel (IAIP) in all CI/OCC of HBNI.

The following action items were suggested:

- Develop and circulate a comprehensive training video or presentation on plagiarism policies for all students and faculty members.

- Establish clearer guidelines for supervisors on when to generate and submit similarity indices before dissertation submissions. In this regard, it was suggested that students must submit the similarity index report to concerned Dean Academics at the time of submission of the thesis for review by external reviewers.

- Establishment of Departmental Academic Integrity Panel (DAIPs) and Institutional Academic Integrity Panel (IAIP)

- In view of the UGC notification, submission of Similarity Index report on the lines of PhD dissertation is recommended for Master level programs also.

All CI/OCC of HBNI were requested to share the good practices for promotion of academic integrity and prevention of misconduct including plagiarism. IQAC affirmed its commitment towards zero tolerance for plagiarism in HEIs.

M 2.2 Discussion on HBNI Industry Linkage Centre (HILC) by Prof D K Maity

Prof D K Maity, Associate Dean, HBNI presented to the IQAC the recent activities and initiatives of the HBNI Industry Linkage Centre. He emphasized the importance accorded to industry-academia linkage in

New Education Policy 2020. As outlined in NEP-2020, HBNI has established HILC. HILC has taken initiative to bring together the students and industry. Under this initiative, students and faculty members were requested to identify the prospective industry partners for each student. A one to tone discussion was held by HBNI central office with students and faculty members. Based on the discussions, the prospective industries were contacted and it was informed to the cell that interested students have been placed with industry for internship. Prof Naveen Kumar informed the cell that recently AICTE has launched a Career portal to act as a bridge between the academia and industry. All CI/OCC of HBNI are requested to avail this facility. The cell appreciated the ongoing efforts to strengthen the linkage between academia and industry and providing opportunities to PhD students to hone their skills through interaction with industry.

M 2.3 Discussions on HBNI Institution Innovation Council activities: Prof C P Paul

Prof C P Paul made a presentation on the activities conducted by the HBNI Institution Innovation Council (HIIC) since its inception. The main objectives of HIIC are (a) to promote innovation and entrepreneurship in HBNI aligning towards Vikshit Bharat by 2047 and (b) achieving an 8% GDP growth annually, generating 19 million jobs by 2030, and transitioning to a net-zero economy by 2050. To meet the above objectives, five incubation centres have been established at RRCAT, BARC, IGCAR, IPR and VECC. To create awareness about HIIC and its activities, the following activities have been undertaken:

- Conducted awareness programs for women entrepreneurs in collaboration with CII.
- Workshops on Intellectual Property Rights (IPR) for faculty, students, and startups.
- Established an HBNI Innovation Club to engage students in entrepreneurial activities.
- Hosted an innovation challenge focusing on developing a low-cost metal 3D printer, with cash prizes and opportunities for further incubation.
- Showcased 17 innovations with a Technology Readiness Level (TRL) above 5 at HBNI Foundation Day.
- Formulated an operational framework for incubation centers, including revenue generation models to sustain activities.

The cell highlighted the following points for further strengthening of HIIC:

- Addressing the prevalent mindset favoring government jobs over entrepreneurship.
- Outreach programs in schools to inspire innovative thinking at a young age.
- Emphasis on hiring full-time CEOs for incubation centers to drive growth and stability.
- Development of a clear revenue model to support ongoing expenses and incentivize innovation.

M 2.4 Implementation of uniform Credit System by Prof D K Maity

Prof D K Maity, Associate Dean, HBNI presented the agenda item to the Cell. He emphasized that implementation of a uniform credit system is mandated by the National Education Policy (NEP) 2020. This system facilitates student mobility between Higher Academic Institutions (HAIs), allowing students to transfer credits earned at one institution to another. The Cell was informed that HBNI has adopted the Uniform Credit System from academic year 2024-25.

M 2.5 Revision of Ordinances & Code of Practices by Prof D K Maity

Prof D K Maity informed the cell that academic ordinances along with code of practices were formulated in 2018. And since then many changes have taken place, including due to the NEP 2020 and other requirements of UGC Regulations 2023. These changes were brought from time to time to comply with UGC notifications, decisions taken by various regulatory bodies like HBNI Academic Council and HBNI Council of Management. In view of this, an elaborate exercise was undertaken to revise and consolidate the changes/modifications adopted since last revision. A committee was constituted by Vice Chancellor, HBNI to revise the ordinances. The revised draft was discussed in HBNI Academic Affairs Committee, Standing Academic Committee of Deans and HBNI Academic Council. The revised draft of Ordinances was finally adopted by HBNI Council of Management.

M 2.6 IPR Policy of HBNI by Prof B. K Nayak

Professor B K Nayak presented the Intellectual Property Rights (IPR) policy of HBNI to the Cell and informed the IQAC that IPR policy is available on the HBNI portal. The IPR policy has been prepared in line with the UGC Regulations 2023 and the NEP 2020, which emphasizes on research, innovation, and collaboration in higher education. The main objectives of the policy are:

1. **Creation of Intellectual Property Assets:** Facilitate creation based on innovations.
2. **Compliance with R&D Proposals:** Ensure IPR requirements are met.
3. **Fostering R&D:** Encourage research and development.
4. **Promoting Entrepreneurship:** Foster entrepreneurial spirit.
5. **Protection of Interests of all Stakeholders:** Transparent system for ownership and revenue sharing.
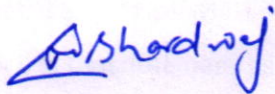
IQAC suggested to create awareness about IPR policy among all students through seminars and invited talks.

M 2.7 HBNI Courses in Hybrid Mode by Prof A K Tyagi

Prof A K Tyagi, Dean, HBNI presented the agenda item to the cell and impressed upon the need of online courses to met the objectives of education for all. He highlighted that accessibility to quality education is the key focus of NEP 2020. Hybrid courses help in improving accessibility, sharing of expertise and flexibility in learning. For implementing the courses in hybrid mode, it was suggested to use smart classrooms with facility for real time interaction between the instructor and the online students. Prof Tyagi clarified that online interactive courses are equivalent to courses attended by the students in-person. It was suggested that an online course on technical report writing should be devised for researchers. Further it was suggested to encourage the research students to get involved in teaching assistantship.
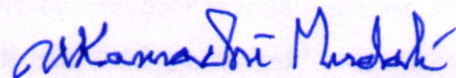
M 2.8 Ms Tanya Singh was requested to organize regular meets of HBNI Student Council for regular feedback and suggestions from the students of HBNI.

As there were no additional items, the meeting concluded with thanks to the chair and all the members. Prof Naveen Kumar, Associate Dean, HBNI thanked all the members and invitees for their active participation in deliberations, valuable suggestions and guidance.

(Prof Naveen Kumar)

Member Secretary, IQAC

(Prof U Kamachi Mudali)

Chairman, IQAC & Vice Chancellor, HBNI