

प्रो. नवीनकुमार

सह डीन

**Prof. Naveen Kumar**

Associate Dean



होमीभाभा राष्ट्रीय संस्थान

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**Minutes of the 14<sup>th</sup> meeting of Internal Quality Assurance Cell (IQAC)**

14<sup>th</sup> meeting of the Internal Quality Assurance Cell (IQAC), HBNI was held on June13, 2025 at 1430 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	Dr SumitSom	Director , VECC	Member	Online
3	Prof V Ravindran	Director, IMSc	Member	Online
4	Prof A K Tyagi	Dean, HBNI	Member	In - person
5	Dr Himad Bhatt	SO/G, HP&SRPD, BARC	Member	In - person
6	Ms. Tanya Singh	PhD Student (Physical Sciences), HBNI	Member	In - person
7	Prof S K Majumder	Dean Academic, RRCAT	Nominee of Director, RRCAT	Online
8	Prof Daniel Raju	Dean Academic, IPR	Nominee of Director, IPR	Online
9	Prof Naveen Kumar	Associate Dean, HNBI	Member Secretary	In - person
10	Prof Madhumita Goswami	Associate Dean, HNBI	Invitee	In - person
11	Dr Rachna Agrawal	Assistant Dean, HNBI	Invitee	In - person

Members who could not attend the meeting:

S. No	Name	Designation	
1	Shri Vivek Bhasin	Director, BARC	Member
2	Prof Shashank Chaturvedi	Director, IPR	Member
3	Prof Gautam Bhattacharya	Director, SINP	Member
4	Shri C G Karhadkar	Director, IGCAR	Member
5	Dr Ajit Sapre	Reliance Industries Ltd.	Member

### **M.1 Welcome address by Prof Naveen Kumar, Member Secretary, IQAC**

Prof Naveen Kumar greeted and welcomed all the members and invitees to the 14<sup>th</sup> meeting of IQAC. He requested Vice Chancellor, HBNI to present the opening remarks.

### **M.2 Opening Remarks by 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 to improve the quality of higher education, revision of syllabus is very important. The syllabi should reflect the current developments and need to be upgraded continuously. It was emphasized that for the upcoming accreditation process requires comprehensive data compilation and collaboration among all stakeholders. He highlighted that HBNI ranking is improving steadily over the years and new OCCs are being added to meet the growing needs of the nation. He thanked all the stakeholders for their continuous support in improving the quality of education at HBNI.

### **M.3 Ratification of Minutes of the 13<sup>th</sup> meeting of IQAC**

With the permission of the chair, Prof Naveen Kumar presented the minutes of the 13<sup>th</sup> meeting of the IQAC to the cell. The minutes were read and approved unanimously.

The agenda of the 14<sup>th</sup> meeting was presented to the Cell by Prof Naveen Kumar, Member Secretary, IQAC. Thereafter, the Agenda items were taken up for deliberations in seriatim.

### **M.4.1 Discussions on Accreditation for NAAC in 2026 by Prof A K Tyagi, Dean, HBNI**

Prof A K Tyagi made a presentation on Accreditation by NAAC in 2026. HBNI has been accredited by NAAC with a score of 3.4, as a category 'A+' University in 2021 during the 2<sup>nd</sup> NAAC accreditation cycle. The 3<sup>rd</sup> NAAC accreditation cycle is due in 2026. Prof A K Tyagi discussed the preparations need to be made for the 3<sup>rd</sup> NAAC accreditation cycle which is due in 2026. He shared some of the aspects of preparations carried out in the run up to the 2<sup>nd</sup> NAAC accreditation cycle. It was emphasized that HBNI is making steady progress in its NIRF ranking over the years. He thanked all the stakeholders for their continuous support in timely data compilation. Further, it was stressed that HBNI need to compile Self Study Report (SSR) based on the AQAR submissions made in last 5 years, Green and Energy Audit Reports, achievements of Students and Faculty members since last accreditation, syllabus of all approved courses and activities undertaken for the implementation of NEP 2020. It was highlighted that geo-tag photos be compiled wherever feasible will be required. It was discussed that the matrices for the next cycle are yet to be released, however, preparations can be started based on

the matrices for previous cycle. Participating in the discussions, Dr Sumit Som, Prof V. Ravindran, Prof S K Majumder and Prof Daniel Raju concurred with the proposal that data compilation for next NAAC cycle should start with matrices for the previous cycle on priority.

#### **M 4.2 Implementation of Integrated management System for Academic purpose across all CIs and OCCs of HBNI: Prof Naveen Kumar, Associate Dean, HBNI**

Prof Naveen Kumar, Associate Dean, HBNI informed the IQAC that at present, the core academic activities of HBNI are carried out through two application portals namely "Anuvidhya" (<https://anuvidhya.in>) and "Integrated Management System" (<http://imshbni.anunet.in>). Anuvidhya is a publicly accessible web portal mainly for the students for registration and uploading of the reports and other documents. The internal process of enrollment of students and the file movement for the approval etc. are carried out through IMS. However, the present system has limited integration with CIs and OCCs of HBNI. With a view to seamless integration of all academic activities of CIs and OCCs with HBNI Central Office on a single platform accessible to all stakeholders, it has been decided to adopt a single ERP. Based on the internal reviews and discussions on available options, it has been decided to adopt SAMARTH eGov Suite at HBNI. SAMARTH aims to help Higher Education Institutes (HEIs) automate their day-to-day operations, improve efficiency, and adhere to statutory guidelines and compliances. Prof Naveen Kumar discussed the features of the SAMARTH and explained the approach to its implementation. Participating in the discussion, Dr Sumit Som, Director, VECC appreciated the step taken by HBNI towards implementation of Integrated Management system.

#### **M 4.3 Presentation and Discussion on NIRF 2024 & 2025: Prof Naveen Kumar, Associate Dean, HBNI**

Prof. Naveen Kumar presented the analysis of NIRF 2024 congratulated all the members on the performance of HBNI, as indicated in the rankings. HBNI is placed at 6<sup>th</sup> position in Research Institute category, 16<sup>th</sup> in University category and 27<sup>th</sup> in Overall category. Prof Naveen Kumar gave a detailed analysis of HBNI with other HEIs in all the three categories viz., Research, University and Overall. The analysis concluded that HBNI has been making steady progress in all the parameters and there is stiff competition among top ranked institutes. He sought cooperation from all stakeholders in maintaining / improving NIRF score on following parameters:

- Publications (PU)
- Intellectual Property Rights (IPR)
- Footprints of Project and Professional Practices (FPPP)
- Graduation Outcomes (GO)
- Provisions for Economically and Socially Challenged Students (ESCS) / Percentage of SC/ST Students (SCTS)
- Perceptions (PR)
- Online Education

He also emphasised the need for HBNI faculty members and students to mention dual affiliations (CI & HBNI) in all their publications and also requested faculty members and students to update their Google scholar accounts regularly. He highlighted the need for Online Education (OE) as both NEP 2020 and NIRF give very high value to Online Education with a view to improve the quality of education in the country and requested HBNI faculty to create e-content in the areas of Advanced Science and Technology. In order to improve upon the Graduation Outcome (GO) score, he recommended that HBNI should sensitize M. Tech Committees about the need for timely completion of Project work and also to help faculty in formulating M.Tech projects in such a manner that it is time bound and feasible to complete within the stipulated time of one year. Thereafter, suggestions and recommendations were invited from the members/invitees.

Joining the discussions, Prof. A.K. Tyagi, Dean, HBNI stressed that indications of affiliation is not to be restricted to papers pertaining to Ph.D. students alone and that it is required to be indicated with regard to all the publications made by HBNI faculty. IQAC recorded its appreciation of the efforts taken by all the stakeholders and impressed upon the need to continue with sustained efforts for further improvement in quality of education in HBNI.

#### **M 4.4 Courses in Indian Knowledge System and Writing original Technical Text Books in Indian Languages: Dr Rachna Agrawal, Assistant Dean, HBNI**

Prof. Rachna Agrawal, Assistant Dean, HBNI made a brief presentation on the Indian Knowledge System. She informed that the National Educational Policy 2020 (NEP 2020) recommends the incorporation of Indian Knowledge System (IKS) into the curriculum at all levels of education. To promote Indian Knowledge System, UGC has published guidelines in March 2023 for incorporating Indian Knowledge in higher education. The primary purpose of the guidelines is to help the institutions come up with courses that will introduce the students to all aspects of IKS which are related to their fields of study and to promote interest in knowing and exploring more. Indian Knowledge System encompasses all of the systematized disciplines of Knowledge which were developed to a high degree of sophistication in India from ancient times and all of the traditions and practices that the various communities of India—including the tribal communities—have evolved, refined and preserved over generations. Joining the discussions, Prof. Tyagi informed that courses on ancient metallurgy, chemistry and mathematics are under discussion with faculty members of HBNI.

To bridge the language divide and to promote easier dissemination of knowledge, a communication was received from AICTE on April 11, 2025 urging HEIs to create fundamental technical books directly in the scheduled languages of India. AICTE, in collaboration with **Bharatiya Bhasha Samiti**, has urged all universities, institutions, and faculty to take steps in the creation of fundamental technical books directly in the scheduled languages of India. It was discussed the HBNI faculty should be encouraged to write fundamental text books directly in the scheduled languages of India. IQAC deliberated that HBNI faculty should take note of the requirements of creating Courses in Indian Knowledge System



and Writing original Technical Text Books in Indian Languages and should come forward with proposals for the same. (Line spacing is different)

**M 4.5 Biannual Admission in Technical Education Systems: Prof Naveen Kumar, Associate Dean, HBNI**

Prof. Naveen Kumar made a brief presentation on requirements of biannual admission in Technical Education System. He drew attention of the members to the note no. AICTE/RB/2025/01/04/Biannual Admission dated: 8<sup>th</sup> January, 2025 asking HEIs to admit students biannually across respective levels and courses. The objectives of biannual admission is to improve enhance GER, improve access to quality education and to provide greater flexibility to universities and autonomous bodies in managing admissions and academic schedules. Joining the discussions, Prof. Tyagi observed that the basic idea of the proposal is to increase the gross enrolment ratio to 50% by 2035. IQAC deliberated that CIs and OCCs of HBNI should take note of it and explore the feasibility of implementing the same.

**M 4.6 Review of working of academic code of practices: Prof Naveen Kumar, Associate Dean, HBNI**

Initiating the discussions, Prof. Naveen informed that IQAC that Academic Ordinances were revised in the year 2024 and since then new Ordinances and Academic Code of Practice have seen almost one academic cycle. Some minor modifications have been suggested by Dean Academics in CIs/OCCs of HBNI and the same were discussed in Standing Committee of Deans. IQAC was informed that the Standing Committee of Deans decided to constitute a committee for this purpose.

**M 4.7 Student Ambassador for Academic Reforms in Transforming Higher Education in India (SAARTHI): Prof Madhumita Goswami, Associate Dean, HBNI**

Prof Madhumita Goswami gave a brief presentation on this agenda. In her presentation she discussed the requirements, roles and responsibilities of SAARTHIs in meeting the objectives of NEP 2020. In her presentation she highlighted the objectives of SAARTHIs in Higher educational Institutes as stated by UGC. She explained the nomination process and criteria to be followed for nomination of SAARTHIs in HEIs. Responsibility of the institution and SAARTHIs were also briefly presented. Joining the discussions, Prof. Naveen Kumar informed that CIs/OCCs can also nominate their own SAARTHI coordinators separately, in addition to the nominations sent to Central Office. He further informed that as a motivation, there is a provision of issuing certificates to SAARTHI. IQAC deliberated that to exploit NEP 2020 fully for improving the quality of higher education in India, it is necessary to create awareness among students about NEP 2020 and in this regard the role of SARTHI is very crucial.

**M 4.8 Feedback from students, faculty and parents: Prof Naveen Kumar, Associate Dean, HBNI**

Prof Naveen Kumar informed the Cell that as part its continuous effort to improve the quality of Higher Education for all stake holders, HBNI conducts online feedback survey among

- a) Students
- b) Faculty
- c) Parents and
- d) Alumni considering diversity of students and programs

He discussed the methodology adopted for the purpose and brought out the salient findings of the survey for the AY 2024-25. He informed the Cell that 737 Students, 123 Faculty Members, 309 Alumni and 37 parents participated in the survey. Some of the students opined the need to introduce courses related to entrepreneurship development and improvement in Mess facilities. The feedback suggests the need to introduce more skill/value-added courses and revision of courses and improvement in common room facility and recreation activities. Overall, the students expressed satisfaction about their experience at HBNI. The cell was informed that based on the feedback received from the students, introduction of courses on entrepreneurship is in process. HBNI alumni have rated the academic programmes as 'Excellent'. Alumni are happy with overall programmes and would like to recommend prospective students to join HBNI for higher education. However, some of the members stressed upon the need for improvements in designing course curriculum for employability and offering more elective courses. Based on several positive attributes of HBNI, more than 90% of the parents felt that the Institute is worth recommending to others. Participating the discussions, honourable Vice Chancellor emphasized on the need to increase the sample size for parents for having larger feedback from the parents.

#### **M 5 Any Other Matter with the Permission of Chair**

Ms Tanya Singh, student representative sought clarifications regarding Foreign Travel Assistance (FTA), Contingency grant and Annual Progress Review Report submission. She was informed that FTA has been revised upward significantly keeping in mind the difficulties faced by the students in sourcing funds from multiple sources. Further, it was clarified that FTA is payable against the actual production of bills towards utilization of the same. On the contingency grant utilization, it was clarified that the contingency grant cannot be used for foreign travel. The rules framed by respective CIs/OCCs in this regard contingency fund utilization need to be complied with. Further, it was clarified that annual renewal of enrollment and timely submission of Annual Progress Review Report (APRR) is an integral part linked to quality of education. As per UGC gazette notification, it is mandatory for every student enrolled under PhD program to submit an APRR. This helps the student in timely completion of research work and timely sorting out the bottlenecks, if any, during the course of research work.

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