

AQAR - 2021-22

1.4.1

## STRUCTURAL FEEDBACK FROM STAKEHOLDERS



### **HOMI BHABHA NATIONAL INSTITUTE**

*(A Deemed to be University u/s 3 of UGC Act, MHRD & an Aided Institution of the  
DAE, Govt. of India)*

2<sup>nd</sup> Floor, Training School  
Anushaktinagar, Mumbai – 400094  
Website: [www.hbni.ac.in](http://www.hbni.ac.in)

# Homi Bhabha National Institute

## Feedback from stakeholders – analysis and points for action

### 1. Preamble:

The Homi Bhabha National Institute (HBNI) is a unique Deemed-to-be University, offering academic programs in 11 different institutions. The students of HBNI come from a variety of backgrounds, and from different states; they pursue programs as diverse as M.Sc (at NISER and HRI), Ph.D (at several CIs/OCC), M.Tech (at BARC, IGCAR, RRCAT, VECC and IPR) and D.M (at TMC). Nearly 20% of the students are employees of DAE. The motivation, and the expectation of such employee-students is naturally different from students who join HBNI to acquire a degree/diploma and move further into academic / professional career. Also, many HBNI students pursue basic research in a variety of disciplines, while others pursue research programs that have a vector towards applications. While some of the students mainly use computational facilities, others use complex experimental facilities including mega facilities like nuclear reactors and accelerators. HBNI also has programs that address skill development, and programs that have direct benefit to society (eg. Cancer research).

Considering such diversity of students and programs, as a part of its quality initiatives, it is important that HBNI obtains, on a regular basis, feedback from its various stakeholders. This will ensure that the programs, processes, infrastructure, facilities and environment in its Central Office as well as the CIs/OCC are conducive to a healthy growth and also ensure that HBNI is able to meet the objectives with which it was established. With this in view, a feedback survey was conducted among a) students b) faculty c) parents and d) alumni. This report analyses the feedback and also the action taken / proposed to be taken by HBNI based on the feedback.

### II. Methodology

The stakeholders were requested to provide the feedback, online, based on a set of specific questions. These questions were based on the specific domains where the feedback from the stakeholder will be of high value. The stakeholders were requested to give marks ranging from 0 (strongly disagree) to 4 (strongly agree). Considering the diversity with regard to programs and processes, the stakeholders also had the option of marking “Not applicable” where necessary. The feedback was obtained online, and the data were summarized in the form of an excel sheet for discussion and analysis. The response given by all stakeholders of a particular category (student/ faculty/ alumni/ parent) was averaged. A score of 0-1 was treated as “Unsatisfactory”, 1-2 as “reasonably good, needs improvement”, 2-3 as “very good” and 3-4 as “excellent”.

### III. Analysis

The results of the feedback obtained from the stakeholders are presented and analysed in Annexures I-IV. Overall, the results indicate that all the stakeholders are generally happy with the curriculum, infrastructure and other aspects covered by the questionnaire, while there is still a good scope for improvement. In particular, the stakeholders are very happy with the research infrastructure and the committed efforts of the faculty.

The response of HBNI to the feedback, is provided in Annexure V. The response relates to the points where the average feedback score was less than 2.7. Some of the suggestions made by the stakeholders pertain to steps that need to be taken at HBNI, while others need redressal at the CI level (eg. Hostel and other facilities). HBNI would take necessary actions with regard to the issues in consultation with CIs/OCC, Boards of studies and Standing Committee of Deans.

## Students Feedback (Current and Outgoing students) Analysis

Sr No	Parameters	Strongly Disagree (0)	Moderately Disagree (1)	Agree(2)	Moderately Agree(3)	Strongly Agree(4)	Average Score out of 4	Rating
1	The courses offered are stimulating & broadening and help in improving overall domain knowledge	0.71	1.77	24.73	17.31	55.48	3.25	Excellent
2	There are adequate options for electives covering wide spectrum of subjects	2.15	7.89	25.09	17.92	46.95	3.00	Very good
3	The curriculum can be recommended to continue without change (if you recommend any change(s) please give details through mail to Dean, HBNI)	1.79	8.21	28.21	21.43	40.36	2.90	Very good
4	The curriculum provides necessary foundation and skill base for future career	2.49	4.98	24.20	20.28	48.04	3.06	Excellent
5	Associated projects and tutorials are useful	1.43	2.50	25.36	20.00	50.71	3.16	Excellent
6	The examination system of the course does not put in any undue stress	2.50	5.36	30.36	19.29	42.50	2.94	Very good
7	I have NOT come across any instance of ragging in my campus	2.24	0.00	14.18	0.37	83.21	3.62	Excellent
8	All necessary ICT resources (eg. Computer, Internet, projector..) are available in classroom	1.07	1.43	19.29	10.71	67.50	3.42	Excellent
9	State-of-the-art facilities are available to carry out research	0.70	2.45	20.28	16.78	59.79	3.33	Excellent
10	Faculty have up-to-date knowledge of the courses	0.35	1.75	24.91	10.53	62.46	3.33	Excellent
11	Faculty have Very Good teaching capability	1.77	4.59	27.21	18.73	47.70	3.06	Excellent
12	Faculty encourage questions to be raised in the class.	0.36	1.07	25.98	10.68	61.92	3.33	Excellent
13	Non-teaching staff are helpful and cooperative	1.06	3.90	26.24	14.18	54.61	3.17	Excellent
14	Hostel rooms are good, clean and have good facilities	5.26	10.53	21.53	17.70	44.98	2.87	Very good
15	Mess serves good and hygienic food	8.33	10.65	30.09	18.06	32.87	2.56	Very good

16	Recreation and common room facilities are adequate	6.33	9.05	33.48	14.93	36.20	2.66	Very good
17	Will recommend others to enrol for academic programs in HBNI	1.40	1.40	23.86	10.53	62.81	3.32	Excellent

The online feedback was obtained on 17 parameters from the active students and on 17 parameters from the outgoing students of all CIs/OCC, and measured on the scale of 0 to 4. The rating of different parameters was defined on the average score as follows: 0-1: Unsatisfactory, 1-2: Reasonably Good, needs improvement, 2-3: Very Good, 3-4: Excellent.

Feedback was received from 288 students (35 active students and 253 outgoing students); the analysis of the feedback is given below.

- The four parameters, i) Availability of ICT resources ii) State-of-the-art facilities are available to carry out research iii) Faculty have up-to-date knowledge of the courses and iv) Encouragements by faculty to ask questions, obtained a score of  $\geq 3.3$  ( $\geq 83\%$ ).
- Most 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 and more than 85 % of the students indicated that they will recommend prospective students to enroll in academic programs of HBNI.

## Students Feedback (Current and Outgoing students)

SrNo	Student Name	Enrolment No	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
1			4	4	4	4	4	4	9	9	4	4	4	4	4	9	9	9	4
2			2	4	4	2	4	1	9	2	4	2	2	2	2	9	9	9	4
3			3	2	2	2	2	2	2	1	2	2	4	2	2	2	2	2	2
4			4	4	4	4	4	4	4	4	4	4	3	4	2	2	2	2	4
5			4	3	3	4	3	3	4	4	2	3	2	4	1	1	3	1	3
6			4	4	4	4	4	4	4	4	4	4	4	4	4	9	9	9	4
7			4	4	3	2	3	0	9	9	4	3	3	2	2	9	9	9	3
8			2	2	2	2	2	2	2	2	2	2	2	2	2	9	9	9	2
9			4	4	4	4	4	4	4	4	4	4	4	4	4	9	9	9	4
10			4	4	4	4	3	3	9	4	4	4	3	4	3	9	9	9	3
11			4	3	3	4	3	4	4	4	3	4	4	4	4	3	3	3	4
12			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13			4	4	4	4	4	4	9	9	4	4	4	4	9	9	9	9	4
14			4	1	2	2	2	2	9	2	2	2	0	2	9	9	9	9	2
15			4	4	9	4	2	2	2	4	4	4	4	4	4	9	9	9	4
16			4	4	4	4	4	4	4	4	4	4	4	4	4	9	4	9	4
17			2	3	2	3	2	2	4	4	4	4	2	4	4	2	3	2	2
18			9	9	9	9	9	9	9	9	2	9	9	9	9	9	9	9	2
19			4	4	4	4	3	3	4	4	4	4	3	4	3	1	3	1	2
20			2	3	1	3	3	2	4	4	4	4	3	3	3	9	9	9	2
21			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22			1	3	1	1	2	0	4	4	3	2	1	2	2	1	0	1	1
23			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24			3	4	3	4	4	3	4	4	4	4	2	4	2	2	2	2	2
25			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26			4	4	4	4	4	3	4	4	4	4	3	4	4	4	3	4	4
27			4	2	4	4	4	4	4	4	4	4	3	4	4	4	3	4	4
28			4	3	2	1	2	4	4	4	4	3	2	4	4	4	4	4	4

29			4	2	2	4	4	4	4	4	4	4	2	2	2	2	1	2	4
30			4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31			2	2	2	2	2	2	2	4	4	4	2	2	2	1	2	2	4
32			2	2	3	3	3	1	2	3	1	2	1	2	1	0	2	1	2
33			4	4	4	4	4	4	0	4	4	4	4	4	4	4	4	4	4
34			4	3	3	4	3	3	4	2	4	4	4	2	2	9	9	9	4
35			2	9	2	4	4	9	9	9	4	4	9	9	2	9	9	9	4
36			3	3	3	3	4	4	4	4	4	3	3	3	2	2	3	3	3
37			4	4	4	4	3	4	4	3	4	3	3	3	3	3	3	2	2
38			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
39			3	1	2	2	3	2	2	4	2	2	3	3	2	2	2	3	2
40			4	3	2	4	4	2	4	2	2	4	3	2	4	4	4	1	4
41			4	4	2	4	2	1	9	2	4	2	2	2	4	9	9	9	4
42			2	4	4	4	4	2	9	4	2	4	2	3	3	9	9	9	4
43			4	4	4	3	3	4	4	4	4	4	4	4	3	4	3	4	4
44			4	4	4	4	4	3	4	4	3	3	3	3	3	9	9	9	4
45			4	4	4	4	4	3	4	3	4	4	4	4	4	9	9	9	4
46			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
47			2	2	3	3	3	4	2	3	4	4	4	2	2	2	2	2	2
48			3	3	3	3	3	4	4	4	3	3	4	4	3	9	2	2	4
49			3	3	4	4	3	3	4	4	3	3	3	4	3	1	1	1	4
50			3	4	2	3	3	3	4	3	3	4	3	4	2	9	2	2	3
51			3	3	1	2	2	4	4	3	3	2	2	2	2	0	3	1	4
52			2	2	2	0	2	2	4	2	1	2	1	2	4	9	9	1	2



85			4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4
86			3	3	4	4	4	2	4	3	3	4	2	4	3	9	9	9	2
87			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
88			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
89			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
90			4	4	4	4	4	4	4	4	4	4	4	4	9	9	9	4	
91			4	4	4	4	4	3	9	9	4	4	4	4	4	9	9	9	4
92			2	1	1	1	1	1	4	2	4	2	1	2	4	1	1	4	2
93			2	1	2	3	2	2	0	4	4	2	2	2	1	4	2	2	2
94			1	0	1	1	0	0	4	2	2	1	1	0	2	0	0	0	1
95			2	2	3	2	3	2	4	2	3	2	2	2	2	9	9	9	2
96			4	4	4	4	4	4	4	4	4	4	4	4	4	9	9	4	4
97			4	4	4	4	4	2	2	4	4	4	4	4	4	4	2	4	4
98			4	4	4	3	4	4	4	4	3	4	3	4	3	4	3	4	4
99			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
100			4	4	2	4	4	4	4	4	4	4	4	4	4	4	2	4	4
101			2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2
102			4	3	2	3	4	2	2	2	2	4	4	4	4	4	4	4	4
103			4	4	2	2	2	2	2	4	4	4	2	2	4	4	2	4	4
104			4	4	9	3	3	4	4	4	4	3	3	4	4	9	9	9	4
105			2	2	2	2	4	3	4	3	3	2	3	4	0	9	9	9	2
106			4	4	3	4	4	4	4	4	4	4	2	3	4	3	1	2	4
107			2	2	2	2	4	4	4	4	4	4	4	4	4	3	1	1	2
108			4	4	4	4	3	3	4	4	4	4	4	4	3	9	9	9	4
109			2	1	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2
110			4	4	2	3	4	4	4	2	4	4	4	4	4	2	2	2	2
111			4	3	3	4	3	3	4	4	4	4	4	4	2	2	4	3	4

112			4	4	2	4	4	4	4	4	4	4	4	4	4	3	4	2	4
113			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
114			2	2	2	2	2	2	4	2	4	2	2	2	2	3	2	4	2
115			2	2	3	2	2	2	4	2	2	3	2	2	2	4	2	4	2
116			4	3	3	1	1	1	4	2	2	4	1	2	1	4	3	2	3
117			2	2	2	2	2	2	4	2	3	2	2	2	2	4	2	4	3
118			2	1	0	2	2	1	4	2	3	2	2	2	1	3	2	3	3
119			3	4	2	4	4	3	0	3	4	4	3	4	3	4	3	4	4
120			1	1	1	1	2	1	4	2	3	2	1	2	2	4	2	2	2
121			2	2	3	3	3	2	4	1	2	2	2	2	2	9	9	9	2
122			4	4	2	4	4	3	4	4	4	4	3	4	4	2	2	2	4
123			2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
124			4	4	4	4	4	3	4	4	4	4	4	4	4	9	9	9	4
125			3	2	0	0	2	2	4	2	4	2	3	4	1	3	3	1	3
126			4	4	4	3	4	4	4	3	4	4	4	4	4	4	3	4	4
127			3	3	4	3	2	4	4	1	3	3	3	4	4	0	4	0	4
128			2	2	2	3	2	2	2	2	3	2	3	2	3	1	1	0	2
129			4	4	3	4	4	4	4	4	3	4	3	4	4	1	1	2	3
130			4	4	2	2	4	4	4	2	2	4	4	4	4	2	2	2	4
131			0	1	1	0	0	2	2	0	2	0	0	1	9	9	9	9	0
132			2	2	2	2	2	2	4	4	3	2	2	3	3	2	2	2	3
133			2	2	1	3	3	2	4	2	2	4	4	4	2	4	4	4	4
134			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
135			4	4	4	4	4	4	4	4	4	3	4	4	4	3	2	4	4
136			2	2	2	2	2	2	4	3	4	2	2	2	4	2	2	2	2
137			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
138			4	3	3	4	4	4	4	4	4	4	4	4	4	4	3	4	4
139			2	2	2	2	2	2	4	4	4	2	2	2	3	3	3	2	2

140			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
141			3	2	4	4	3	3	4	4	3	4	4	4	4	3	3	4	4
142			2	2	2	3	2	2	4	4	4	2	2	2	2	2	2	2	2
143			4	4	4	4	4	4	4	4	4	4	4	4	4	9	9	4	4
144			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
145			3	2	2	2	2	3	4	4	3	2	2	2	2	2	2	2	2
146			2	2	2	2	2	4	4	4	2	2	2	2	4	9	2	1	4
147			3	2	3	4	2	2	2	4	2	3	3	3	4	4	4	2	2
148			2	4	2	4	4	2	4	4	2	3	3	4	4	9	9	9	4
149			2	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4
150			3	2	2	3	2	2	4	4	2	2	2	2	3	9	2	2	4
151			3	3	3	2	3	2	4	2	2	4	4	4	2	1	1	1	2
152			2	3	3	3	2	2	2	3	3	2	3	2	2	3	3	2	2
153			4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	3	4
154			4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4
155			4	2	2	2	2	2	4	2	2	4	4	4	2	1	1	1	4
156			3	1	2	3	3	3	4	3	3	2	3	4	2	0	1	3	3
157			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
158			2	2	2	2	2	2	2	2	2	2	2	2	2	9	2	2	2
159			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
160			3	4	2	3	2	3	4	4	4	4	4	4	4	2	2	2	2
161			4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4
162			4	4	2	4	4	0	4	2	4	4	1	4	4	4	1	0	4
163			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
164			0	1	0	0	2	2	4	4	2	2	1	2	2	0	2	2	3
165			4	2	2	2	4	2	4	4	2	4	3	4	2	1	1	0	3
166			2	2	3	2	3	2	2	2	2	2	3	2	2	2	0	2	2
167			4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4	4
168			3	3	3	3	3	1	4	4	2	3	3	3	3	1	0	1	2

169			2	2	2	2	3	9	4	4	2	2	2	2	2	2	0	4	2
170			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
171			2	2	2	2	2	2	4	2	3	2	2	2	4	4	2	2	2
172			4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4
173			9	4	3	3	4	4	4	4	4	4	4	4	4	4	1	4	4
174			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
175			4	4	4	4	4	3	4	4	4	4	4	4	4	9	9	9	3
176			4	3	3	4	4	4	4	4	4	4	4	4	4	3	2	3	4
177			4	4	3	3	3	4	4	4	4	4	3	4	3	4	2	3	3
178			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
179			4	4	4	3	3	4	4	4	2	2	3	2	2	2	3	3	4
180			4	4	3	3	2	4	4	4	3	4	4	4	4	3	4	2	4
181			4	4	4	4	4	4	4	4	9	4	4	4	4	4	4	3	4
182			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
183			4	3	3	3	4	2	4	4	4	4	1	4	4	4	3	2	4
184			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
185			2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
186			3	3	3	2	2	2	4	3	3	3	2	2	3	3	3	2	3
187			2	1	3	3	2	2	2	2	2	2	1	2	2	2	2	2	2
188			2	1	2	2	1	1	4	4	2	1	2	2	2	2	2	2	2
189			4	4	4	4	4	2	4	4	4	4	4	4	2	9	9	9	4
190			4	3	3	4	3	2	4	4	4	4	2	3	1	4	4	2	4
191			4	4	2	2	2	2	9	2	2	2	2	2	2	9	9	9	2
192			2	4	2	2	2	2	4	4	2	2	2	4	2	9	9	9	2
193			4	4	4	4	4	4	9	4	4	4	4	4	4	9	9	9	9
194			2	2	2	2	2	2	2	2	2	2	2	2	2	9	9	2	2
195			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
196			4	4	4	3	4	3	4	4	3	4	4	4	3	3	4	3	4
197			4	4	4	4	4	4	4	4	4	4	4	4	3	9	9	3	4
198			4	9	4	9	4	4	4	4	4	4	4	4	4	9	9	9	4

199			2	2	9	9	9	9	9	9	2	9	9	9	9	9	9	4	
200			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
201			4	3	4	4	4	4	4	4	4	4	4	4	4	4	3	4	
202			4	3	4	4	4	4	4	3	4	2	4	4	3	2	3	3	
203			4	3	4	4	4	4	4	4	4	4	3	3	4	3	4	4	
204			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
205			4	4	3	4	4	4	4	3	4	4	4	4	9	9	9	4	
206			4	2	2	2	2	2	4	2	4	2	2	2	2	2	2	2	
207			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
208			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
209			4	4	4	3	4	0	4	4	4	4	4	0	4	4	4	4	
210			4	4	3	3	4	4	4	4	4	4	3	4	9	9	2	4	
211			4	4	4	3	4	3	4	4	3	4	4	4	4	4	2	4	
212			3	3	3	2	3	3	0	4	4	2	2	3	3	3	3	4	
213			3	4	4	4	4	4	4	3	3	4	4	4	2	2	2	4	
214			2	2	2	2	3	3	4	3	0	2	2	2	3	9	9	0	2
215			3	0	0	4	3	3	4	4	2	1	3	4	2	0	1	0	4
216			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
217			2	2	2	3	3	2	4	4	4	2	2	2	2	1	1	2	4
218			2	2	2	2	2	4	0	4	4	4	4	4	4	4	2	4	4
219			3	4	2	2	3	2	3	4	4	3	2	3	4	4	2	3	3
220			3	2	3	3	4	2	4	3	3	3	3	3	4	3	3	3	3
221			4	4	4	4	4	3	4	4	3	4	4	4	4	3	4	9	4
222			3	1	1	2	2	1	2	4	4	4	4	3	4	4	4	4	4
223			4	3	4	4	4	4	4	4	4	4	4	4	4	9	9	9	4
224			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
225			4	3	4	4	4	4	2	3	3	4	3	4	4	9	9	9	4
226			4	3	3	4	4	3	4	4	4	4	4	4	4	4	4	4	4
227			3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	2	4

228			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
229			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
230			4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
231			3	2	3	3	3	3	4	3	3	3	2	3	4	4	4	1	4
232			4	4	3	4	4	3	4	4	3	4	3	4	3	3	3	3	4
233			2	2	2	3	3	2	4	4	4	4	4	3	2	9	2	3	4
234			2	3	3	3	3	3	4	4	3	4	3	3	4	4	4	2	4
235			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
236			2	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	4
237			2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2
238			2	2	2	2	2	9	2	2	2	2	9	9	2	2	0	2	2
239			4	4	4	4	4	3	4	2	2	2	2	2	2	2	2	2	4
240			4	4	4	4	4	3	4	4	3	4	4	4	4	9	4	9	4
241			3	3	3	3	3	4	4	4	4	4	4	4	4	2	2	3	4
242			3	3	3	2	2	4	4	4	4	3	2	3	2	3	3	3	3
243			4	3	2	2	3	3	9	2	4	4	2	2	4	9	9	9	4
244			4	4	4	4	4	4	4	4	4	4	4	4	4	9	4	9	4
245			3	2	2	4	1	2	4	4	4	3	4	4	0	3	0	2	4
246			4	2	4	2	3	2	4	3	3	2	4	4	4	2	0	2	4
247			4	4	4	4	4	3	4	4	4	4	4	4	4	4	3	4	4
248			2	2	1	2	2	1	4	4	4	4	3	4	3	3	1	0	2
249			3	2	2	2	4	2	4	2	2	4	4	4	4	3	1	2	4
250			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
251			3	3	3	3	3	4	4	4	4	4	3	4	4	3	3	3	3
252			4	4	2	4	4	4	4	2	4	4	2	4	4	4	2	2	4
253			4	4	4	4	4	3	4	4	4	4	4	4	4	9	9	4	4
254			3	3	1	2	3	3	4	4	4	3	3	4	3	9	9	9	4
255			3	1	1	0	3	4	4	3	1	3	1	2	1	0	1	0	2
256			3	3	3	3	3	4	4	4	4	4	3	3	4	4	4	4	3

257			9	3	4	3	4	4	9	4	4	4	2	9	4	9	9	9	4
258			2	9	9	2	2	2	4	4	2	2	2	4	2	9	9	9	4
259			4	9	9	9	4	3	4	4	4	4	4	4	4	9	9	9	4
260			4	2	4	3	3	3	4	4	4	3	2	4	2	1	1	0	3
261			2	1	1	1	2	2	4	2	1	3	3	3	3	3	0	0	1
262			2	2	1	1	2	1	4	2	2	2	2	2	2	1	0	1	2
263			2	1	2	2	2	2	4	4	4	2	3	2	3	2	2	2	3
264			4	2	2	3	3	2	4	4	3	4	3	4	4	9	9	9	4
265			9	9	9	9	9	9	4	0	1	3	3	2	1	1	4	0	0
266			3	0	1	1	0	0	4	4	3	1	0	1	2	4	4	0	1
267			4	4	4	4	4	4	4	4	4	4	4	4	3	3	2	3	4
268			3	2	2	3	3	4	4	4	4	4	4	4	4	2	2	4	4
269			3	3	4	3	3	4	2	4	4	4	4	4	4	4	4	4	4
270			4	4	4	4	4	4	9	4	4	4	4	4	4	9	9	9	4
271			4	4	3	4	4	4	4	4	4	4	4	4	4	9	9	9	4
272			4	9	4	9	9	3	4	3	4	4	4	4	4	9	9	9	4
273			4	3	3	4	4	3	4	4	4	4	4	4	4	9	9	9	4
274			4	1	3	4	4	2	4	4	9	2	2	2	4	9	9	9	3
275			4	2	4	4	4	3	4	4	4	4	3	4	2	9	9	9	4
276			4	3	4	4	4	3	2	4	4	4	4	4	4	4	3	3	4
277			2	2	1	1	1	3	2	3	3	3	2	4	3	3	2	3	3
278			4	4	4	4	4	4	9	4	4	4	4	4	4	9	9	9	4
279			3	3	1	3	3	2	4	1	2	4	2	4	4	1	1	1	2
280			1	0	1	1	1	0	4	4	4	9	9	9	9	9	9	9	9
281			2	2	2	2	2	2	4	2	2	4	4	4	4	3	9	2	4
282			3	1	2	2	2	2	4	3	2	2	2	3	3	3	2	2	2
283			2	2	1	2	2	4	4	4	4	4	2	2	2	9	9	9	2
284			2	1	1	1	2	2	4	2	2	2	2	2	2	1	9	9	9
285			3	1	1	0	1	4	4	3	1	2	0	3	2	4	0	9	0

286			2	9	2	2	2	2	4	2	2	2	2	2	2	0	0	1	2
287			9	9	9	9	9	9	4	9	3	3	3	9	3	1	0	0	3
288			3	0	3	2	9	4	4	3	3	4	4	4	4	4	4	4	4

## Faculty members Feedback Analysis

Sr No	Parameters	Strongly Disagree (0)	Moderately Disagree (1)	Agree(2)	Moderately Agree(3)	Strongly Agree(4)	Average Score out of 4	Rating
1	The selection of students for the academic programs is broad-based and good-quality students are enrolled.	0	2	10	22	66	3.52	Excellent
2	The academic calendar is followed meticulously.	2	0	22	10	66	3.38	Excellent
3	The courses offered are stimulating & broadening and help in improving overall domain knowledge.	2	0	12	12	74	3.56	Excellent
4	The curriculum is updated periodically.	0	2.04	28.57	14.29	55.1	3.22	Excellent
5	The curriculum provides the necessary foundation for further career advancement including employment.	0	0	20	28	52	3.32	Excellent
6	Associated projects and tutorials are useful.	2.08	2.08	14.58	27.08	54.17	3.29	Excellent
7	The courses have an appropriate balance of theory, applications and practicals.	0	4.35	17.39	19.57	58.7	3.33	Excellent
8	Students have adequate choices in elective and value-addition courses.	2.08	0	14.58	25	58.33	3.375	Excellent
9	Teachers have adequate freedom to adopt new methods of teaching and examination such as group discussions, open-book exams, etc.	0	8.16	8.16	20.41	63.27	3.39	Excellent
10	The examination system of the course does not put any undue stress on the student.	0	2	16	36	46	3.26	Excellent
11	Adequate availability of ICT resources (eg. Computer, Internet, projector..) in the classroom.	2	0	10	14	74	3.58	Excellent
12	The environment in the University is conducive to teaching and research.	2	0	12	2	84	3.66	Excellent
13	Modern libraries with adequate resources and facilities are available.	2	0	14	8	76	3.56	Excellent
14	State-of-the-art facilities are available to carry out research.	2	0	14	12	72	3.52	Excellent
15	The institution has a well-defined policy for the promotion of research.	2.04	2.04	16.33	12.24	67.35	3.41	Excellent
16	Research projects are well-funded by the department.	2	2	14	4	78	3.54	Excellent
17	An adequate number of support staff is available for education and research activities.	2	4	22	24	48	3.12	Excellent
18	Non-teaching faculty are helpful and cooperative.	2	2	20	28	48	3.18	Excellent

19	Teachers /researchers have opportunities to participate in international conferences and options for acquiring additional qualifications.	2.08	0	27.08	27.08	43.75	3.1	Excellent
20	The governance of the University is in tune with its vision and mission.	2.04	0	22.45	16.33	59.18	3.31	Excellent
21	The academic processes in the University are followed in a transparent and unbiased manner.	2.04	2.04	18.37	14.29	63.27	3.35	Excellent
22	Decisions on academic processes are conveyed without undue delay.	2.04	2.04	24.49	18.37	53.06	3.18	Excellent
23	Adherence to UGC guidelines and Academic ordinances of the University is duly emphasized.	2.04	0	18.37	8.16	71.43	3.47	Excellent
24	Suggestions for improvement made by faculty are given due attention.	2.17	4.35	26.09	26.09	41.3	3	Very good

The feedback from Faculty members was obtained on 24 parameters covering various aspects, which are important for the overall performance of an Institute. The rating of different parameters is defined on average score as follows: 0-1: Unsatisfactory, 1-2: Reasonably Good, Needs Improvement, 2-3: Very Good, 3-4: Excellent.

Feedback was received from 50 faculty members; the analysis of the feedback is given below.

- The feedback from Faculty members was obtained on 24 parameters covering various aspects, which are important for the overall performance of an Institute.
- Feedback was received from 50 faculty members.
- For all the parameters, the excellent rating (>3 on a 0-4 scale) was received.
- The above parameters indicate that the institute has excellent infrastructure facilities to carry out research in the frontier areas.

The lowest average score of 3 was received for the parameter on "Suggestions for improvement made by faculty are given due attention".

### Feedback from Faculty members

Sr No	Faculty Name	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24
1		4	2	4	4	4	4	4	3	4	3	4	4	4	4	4	4	3	3	3	4	4	3	4	4
2		3	4	4	4	3	3	3	4	1	3	3	4	3	4	3	4	4	4	3	4	3	4	4	3
3		4	4	4	3	4	4	4	4	1	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4
4		2	2	4	2	4	4	4	4	4	2	4	4	2	4	4	4	4	2	2	2	2	2	4	2
5		4	3	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	3	4	4	4	4	4	3
6		4	4	4	4	4	3	4	3	3	4	4	4	4	4	4	4	4	3	3	4	3	4	9	9
7		1	0	0	2	2	0	1	0	1	1	0	0	0	0	0	0	0	0	9	0	0	0	0	1
8		4	4	4	3	3	4	4	4	4	3	3	4	3	3	4	4	4	4	3	3	4	4	4	3
9		2	2	2	2	2	2	2	3	1	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2
10		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11		4	3	2	2	2	2	2	2	4	4	4	2	3	4	2	4	2	2	3	2	2	4	2	0
12		4	3	4	4	4	3	4	3	3	3	3	4	3	3	3	2	3	3	3	4	4	4	4	3
13		3	3	3	2	3	3	3	2	3	3	4	3	4	4	2	4	3	3	3	3	3	3	3	2
14		4	4	4	3	3	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	3	4	3
15		4	3	4	4	3	4	4	3	4	3	4	4	4	4	9	4	4	4	4	4	4	4	4	4
16		4	2	3	1	2	3	1	2	4	2	4	4	4	4	4	4	4	4	3	2	3	2	2	3
17		3	4	4	3	4	2	4	3	4	4	4	4	4	2	4	4	2	2	4	4	4	2	4	2
18		3	4	4	3	4	4	9	4	4	4	4	4	4	4	3	4	4	4	4	3	3	4	4	3
19		3	4	3	4	3	3	3	4	4	4	3	4	4	4	4	4	1	3	3	4	4	3	4	3
20		4	4	3	3	3	3	3	4	4	3	4	4	4	4	4	4	2	4	3	3	4	3	3	3
21		4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22		3	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	3	3	3	4	4	3	4	4
23		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24		4	4	4	4	4	3	4	3	4	4	4	4	4	4	3	4	3	3	3	4	4	3	4	4
25		4	4	4	2	4	3	2	4	2	2	4	4	2	2	2	2	2	2	2	2	2	2	2	9
26		3	2	3	2	3	3	4	4	2	3	3	4	4	4	3	4	2	2	2	3	3	2	3	2
27		4	4	4	4	3	3	3	4	4	3	3	4	4	4	4	4	4	3	3	3	4	4	4	4

28		4	4	4	4	4	4	3	4	4	2	4	4	4	3	4	4	4	4	4	4	4	4	2	
29		4	4	4	4	4	3	3	3	3	4	4	4	4	3	4	4	4	4	2	4	4	4	1	
30		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
31		4	4	4	4	3	4	4	4	4	3	4	4	4	4	3	3	4	4	4	4	4	4	4	
32		2	2	4	4	2	3	4	3	3	4	4	4	4	4	4	3	4	2	2	2	2	2	2	
33		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
34		4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	
35		4	4	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	
36		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
37		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
38		4	4	4	4	4	4	4	3	4	3	4	4	4	4	4	4	4	4	4	4	3	4	9	
39		4	2	4	2	2	2	2	2	4	4	4	4	4	4	2	4	2	2	2	2	2	2	2	
40		4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	3	3	2	3	4	4	4	3	
41		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
42		3	2	3	9	3	9	9	9	9	3	4	2	4	3	1	4	3	2	9	3	1	2	4	9
43		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
44		3	4	4	2	3	4	9	9	4	4	4	4	4	3	4	3	1	3	2	9	4	4	3	
45		4	4	4	4	4	9	9	4	4	4	4	4	4	4	4	4	4	4	4	9	9	4	4	
46		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	3	2	4	4	4	4	
47		4	2	4	2	4	4	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	
48		2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
49		3	4	4	3	3	4	3	4	4	3	4	4	4	4	4	4	3	3	4	4	4	4	3	
50		3	4	2	2	2	1	2	4	4	2	2	2	2	2	3	1	2	1	0	2	3	1	3	2

**Annexure-III**

**Alumni Feedback Analysis**

Sr No	Parameters	Strongly Disagree (0)	Moderately Disagree (1)	Agree(2)	Moderately Agree(3)	Strongly Agree(4)	Average Score	Rating
1	The admission procedure and formalities were transparent and hassle-free.	0	0	24	4	72	3.48	Excellent
2	Teaching and research guidance helped me to complete my academic programme successfully.	4	0	32	16	48	3.04	Excellent
3	The courses offered were stimulating and broadening & helped in improving overall domain knowledge and personality.	4	12	36	12	36	2.64	Very good
4	The curriculum provided the necessary foundation for further career advancement including employment.	0	13.04	30.43	21.74	34.78	2.78	Very good
5	Associated projects and tutorials were useful.	0	4	48	12	36	2.8	Very good
6	The courses had an appropriate balance of theory, applications and practicals.	0	4.55	31.82	22.73	40.91	3	Very good
7	I had adequate choices in elective and value addition courses.	0	13.04	30.43	21.74	34.78	2.78	Very good
8	The examination system of the course did not put any undue stress.	8	4	44	12	32	2.56	Very good
9	ICT resources (eg. Computer, Internet, Projector...) were available in the classroom.	4.55	4.55	9.09	4.55	77.27	3.45	Excellent
10	The environment in the university was conducive to teaching and research.	0	4	24	12	60	3.28	Excellent
11	State-of-the-art research facilities and a library were available to me.	0	0	37.5	4.17	58.33	3.21	Excellent
12	The faculty and administration were very supportive.	0	4	32	8	56	3.16	Excellent
13	The academic processes in the Institute/university are followed in a transparent and unbiased manner.	4	0	28	12	56	3.16	Excellent
14	Decisions on academic processes are conveyed without undue delay.	4	12	28	16	40	2.76	Very good
15	My Institute as well as the university were receptive to my suggestions.	0	0	47.37	10.53	42.11	2.95	Very good

16	I will recommend HBNI to others as a Higher Education Institute of repute.	0	0	20	20	60	3.4	Excellent
----	--	---	---	----	----	----	-----	-----------

The online feedback was obtained on a scale of 1 to 4 from former HBNI students of all CI/OCC. A set of 16 parameters were prepared to cover all important aspects. The rating of different parameters is defined on average score as follows: 0-1: Unsatisfactory, 1-2: Reasonably Good, Needs Improvement, 2-3: Very Good, 3-4: Excellent.

Feedback was received from 25 Alumni; the analysis of the feedback is given below.

- 8 out of 16 parameters are rated as Excellent and rest 8 parameters are rated as Very Good.
- Admission procedure, ICT resources, Teaching, courses, research facilities and research guides etc are rated with best grades.
- Alumni are also happy with overall programmes and would like to recommend prospective students to join HBNI for higher education.
- Improvements in designing course curriculum for employability, offering more elective courses and change in examination pattern to reduce stress related to examination.
- Overall, HBNI alumni have rated the academic programmes as 'Excellent'.

Feedback from Alumni

Sr No	Enrolment No	Student Name	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16
1			4	2	2	2	2	2	2	2	4	2	2	2	2	2	2	4
2			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3			4	4	4	4	4	4	4	4	9	4	4	4	4	4	4	4
4			2	2	2	9	2	2	2	2	9	2	2	2	2	2	2	2
5			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6			4	3	1	1	2	1	1	4	4	4	4	4	3	3	2	2
7			2	2	2	2	1	3	2	1	0	4	2	3	0	0	4	4
8			4	2	2	2	2	2	1	2	4	2	2	2	2	1	2	4
9			4	4	4	3	4	3	1	2	4	4	4	4	4	3	3	4
10			2	0	0	3	2	4	3	2	9	2	9	4	4	1	9	4
11			4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4
12			4	4	4	4	3	3	4	3	4	4	4	4	4	4	3	4
13			4	3	2	2	2	2	3	2	4	4	3	2	3	2	2	3
14			4	2	1	1	2	9	9	3	4	2	2	2	2	1	9	3
15			4	3	3	3	4	4	3	4	4	3	4	3	4	4	4	4
16			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17			4	4	2	3	3	3	9	4	4	3	4	1	3	3	9	4
18			4	4	4	4	4	4	4	2	4	4	4	4	4	2	9	4
19			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20			2	4	2	3	2	2	2	2	2	4	2	4	2	2	2	2
21			4	2	3	9	2	3	3	2	1	3	2	2	4	4	9	3
22			2	2	2	2	2	9	2	2	4	4	4	4	4	4	2	2
23			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24			4	4	1	2	2	2	2	0	4	4	4	4	4	2	2	3
25			3	3	3	1	3	9	3	0	3	1	2	2	2	3	9	3

## Annexure-IV

## Parents Feedback Analysis

Sr No	Parameters	Strongly Disagree (0)	Moderately Disagree (1)	Agree(2)	Moderately Agree(3)	Strongly Agree(4)	Average Score out of 4	Rating
1	The admission procedure and formalities were transparent and hassle-free.	11.11	0	11.11	22.22	55.56	3.11	Excellent
2	The teaching, Research Guidance were excellent.	0	10	30	0	60	3.1	Excellent
3	The hostel and other infrastructure were excellent.	0	28.57	28.57	0	42.86	2.57	Very good
4	The courses offered were stimulating & broadening and helped in improving overall domain knowledge.	0	0	40	10	50	3.1	Excellent
5	The curriculum provided the necessary foundation for further career advancement including employment.	10	0	30	10	50	2.9	Very good
6	The examination system of the courses did not put any undue stress on my ward.	0	10	20	20	50	3.1	Excellent
7	My ward has been given opportunities for wholesome development.	0	10	30	0	60	3.1	Excellent
8	The faculty and administration were very supportive.	0	10	20	10	60	3.2	Excellent
9	The academic processes in the University are followed in a transparent and unbiased manner.	0	0	20	0	80	3.6	Excellent
10	I will recommend HBNI to others as a Higher Education Institute of repute.	0	10	30	0	60	3.1	Excellent

## **Parents Feedback**

The Indian parents are proactively involved, right from the selection of an Institute to selecting the branch of study of their wards. The parents are concerned about the well-being of their children in terms of overall personality development, the comfort level their wards enjoy in the college campus and hostel, and last but not the least the carrier opportunity after completion of the selected program. Parents also expect complete transparency in the admission, administration and evaluation processes. Therefore, it is very important to obtain parents' feedback to evaluate performance of an Institute. To obtain the parent' feedback, ten parameters were selected covering the above-mentioned important aspects. The feedback was obtained online. The feedback was obtained on a scale of 0-4, with Strongly Agreed and Strongly Disagreed assigned values 4 and 0, respectively. Feedback was received from 98 parents. Rating for all the parameters fell either in the excellent or very good category.

Feedback was received from 10 parents, the analysis of the feedback is given below.

- More than 80% of the parents have given the rating Excellent to all the parameters, and 20% as Very Good.
- Excellent rating was given by maximum number of parents for the parameters dealing with transparency in the admission and academic process, supportive nature of faculty members and administrative staff.
- Based on several positive attributes of HBNI, more than 80% of the parents felt that the Institute is worth recommending to others.

## Parents Feedback

Sr No	Student Name	Enrolment No	Parent Name	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1				2	2	1	2	2	1	2	2	2	2
2				4	4	2	3	2	4	4	4	4	4
3				4	4	4	4	4	4	4	4	4	4
4				4	4	4	4	4	4	4	4	4	4
5				4	4	9	4	4	3	4	4	4	4
6				9	4	9	4	4	4	4	4	4	4
7				3	2	9	2	3	3	2	3	4	2
8				3	1	4	2	0	2	1	1	4	1
9				2	2	1	2	2	2	2	2	2	2
10				4	4	2	4	4	4	4	4	4	4

### Response and action taken by HBNI to the feedback received with < 2.8 (70%) Average Score

#### Students Feedback

Parameters	Score	Response/Action taken
Mess serves good and hygienic food	2.56	The concerned CIs/OCC will be advised to take care of the feedback.
Recreation and common room facilities are adequate	2.66	The concerned CIs/OCC will be advised to take care of the feedback

#### Alumni Feedback

Parameters	Score	Response/Action taken
The courses offered were stimulating and broadening & helped in improving overall domain knowledge and personality.	2.64	BoS has been advised to re-look into the present course curriculum offered in various programs and revise them after taking feedback from all the stakeholders.
The curriculum provided the necessary foundation for further career advancement including employment.	2.78	BoS will be advised to look into the syllabus to see the possibility of the addition of more applicability component in the syllabus and also introduce some of the courses having high employability as elective subjects.

I had adequate choices in elective and value addition courses.	2.78	BoS will be advised to look into the syllabus and add more elective and value addition Courses.
The examination system of the course does not put in any undue stress	2.56	The rigour in the course is purposefully introduced to maintain high academic standards. A reasonable weightage for continuous assessments to reduce the stress on final examination are introduced.
Decisions on academic processes are conveyed without undue delay.	2.76	The concerned CIs/OCC will be advised to take care of the feedback.