

**NAAC - 1.4.1& 1.4.2**

## **STRUCTURED FEEDBACK FROM STAKEHOLDERS**

### **ACTION TAKEN REPORT**



## **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)

**Response of HBNI to the feedback received with < 2.5 Average Score**

Stakeholders	Parameters	Score	Response/Action To be taken
Students	There are adequate options for electives covering wide spectrum of subjects	2.22	BoS will be advised to re-look into the present course curriculum offered in various programs and introduce more elective courses after taking feedback from all the stakeholders.
	The curriculum can be recommended to continue without change	1.85	BoS will be 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 provides necessary foundation for employability	2.06	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.
	The courses are likely to encourage to take-up entrepreneurial activities/ start-ups	2.11	Lectures by eminent entrepreneurs will be arranged regularly to create awareness to the students about opportunities and challenges in setting up start-ups.
	The examination system of the course does not put in any undue stress	2.14	The rigour in the course is purposefully introduced to maintain high academic standards. Lectures on stress management will be introduced to guide the students in

			handling the stress. A reasonable weightage will be given to continuous assessment, thereby reducing the stress on final examination.
	Faculty have Very Good teaching capability	2.46	The concerned CIs/OCC will be advised to take care of the feedback.
	Mess serves good and hygienic food	1.74	The concerned CIs/OCC will be advised to take care of the feedback.
	Recreation and common room facilities are adequate	2.07	The concerned CIs/OCC will be advised to take care of the feedback.
	I have come across any instance of ragging in my campus	About 4% answered affirmatively	The concerned CIs/OCC will be advised to take care of the feedback
Parents	Hostel and other infrastructure were excellent	2.42	The concerned CIs/OCC will be advised to take care of the feedback.

**Circulation by e-mail only**

# Minutes of Meeting of the 24<sup>th</sup> ACADEMIC COUNCIL



## HOMI BHABHA NATIONAL INSTITUTE

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2<sup>nd</sup> Floor, Training School  
Anushaktinagar, Mumbai – 400094

Website: [www.hbni.ac.in](http://www.hbni.ac.in)

Phone Nos.: 022-25597554, 25597626

## 4.0 Discussion Items

### M4.A4.1 Discussion on the Student Feedback

Dean, Prof. P.D. Naik, briefed the council on the efforts taken by the NAAC Central Team. One of the key important parameters included obtaining student feedback and their analysis.

In order to undertake this, an online feedback survey was conducted among (a) students (b) faculty (c) parents and (d) alumni considering diversity of students and programs, as a part of its quality initiatives. The feedback based on a set of specific questions on the specific domains where the feedback from the stakeholder will be of high value. The response was obtained on 0 to 4 scale, where 0 is strongly disagree to 4 means strongly agree. Responses from 732 students who responded online were used for analysis. In addition, 164 alumnus also responded to the feedback forms. Some of the key highlights relevant to academic from the student feedback are as follows:

- (i) The four parameters viz., (a) Availability of ICT resources;(b) State-of-the-art facilities are available to carry out research;(c) Faculty have up-to-date knowledge about the courses and (d) Encouragement by faculty to ask questions, obtained a score of  $\geq 2.8$  ( $\geq 70\%$ ).
- (ii) Most of the students opined the need for curriculum revision, a score of 1.85, and improvement of food quality in mess, a score of 1.74.
- (iii) The feedback suggests the need to introduce more elective courses, skill/value-added courses and courses on entrepreneurship.
- (iv) An improvement in common room facility and recreation activities and change in the examination system to reduce stress on students are needed.

It was agreed that, HBNI will send an action taken report sent to all the CIs/OCC to accordingly consider the suggestions made by the students regarding the academic matters and others suggestions for improvement in terms of resources and infrastructure improvement.

# 29<sup>th</sup> Meeting of the Council of Management (CoM)

## MINUTES OF THE MEETING



**HOMI BHABHA NATIONAL INSTITUTE**

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Phone Nos.: 02225597554, 25597626

### **M5.A6.3 NAAC Student and faculty feedback**

HBNI has obtained the online feedback on a scale of 0 to 4, where 0 stands for “strongly disagree” and 4 for “strongly agree”, from the stakeholders (student, faculty, alumni and parents) based on a set of specific parameters. The feedback from the stakeholders is of high value and would result in improving the quality of academic programmes conducted by HBNI. Prof. P.D. Naik explained, in brief, the methodology adopted and presented the summary of the feedback received from the stakeholders. The council deliberated on the parameters where the score obtained was less than 2.5 and advised HBNI to take the appropriate action to address the issues on these parameters.

The Council noted with concern that a few students have indicated that they have observed incidents of ragging. Chairman expressed zero tolerance on ragging and suggested that HBNI should take feedback from the concerned authorities in the CIs/OCC and the students concerned, on the issue and should take the appropriate measures to prevent the occurrence of the same.

The council directed to present the feedback analysis to each of the CIs/ OCC for implementation and necessary actions.



# होमी भाभा राष्ट्रीय संस्थान

## Homi Bhabha National Institute

प्रशिक्षण विद्यालय परिसर, अनुशक्तिनगर, मुंबई-400 094, भारत Training School Complex, Anushaktinagar, Mumbai – 400 094, India  
Tel. No. 91-22-25503385 • Fax : 91-22-25503384 • Email : vasudeva@hbni.ac.in

**Prof. P.R. Vasudeva Rao, FNAE, FNASC**  
Vice-Chancellor

**प्रो. पी.आर. वासुदेव राव, एफएनएई, एफएनएससी**  
कुलपति

Ref.HBNI/VCO/38/2020/75

February 18, 2020

Dear Prof. Sudhakar Panda,

As part of the NAAC exercise, the Central Office had collected feedback from the students of HBNI on various aspects of their experience. Out of the students who responded, some students of our Cls/OCC have given the feedback that they have observed instances of ragging in the campus (they themselves may or may not have experienced ragging). The Council of Management expressed serious concern about the prevalence of ragging and directed HBNI to inform the Cls/OCC the names of the students, so that the students could be asked to give further details that can help to establish the truth and also eradicate the menace of ragging. The CoM suggested that the Cls/OCC should take appropriate action after confirming the veracity of the allegations. Accordingly, I am writing to concerned Cls/OCC.

The names and other details of the students from your institution who have provided us the feedback on ragging, are given below:

S.No.	Name of Student	Registration No.	Program Name
1.	Diprupa Saha	1811063	5 year Integrated M.Sc
2.	Saranya Das	1811136	Integrated M.Sc
3.	Souvik Singha	1511092	Integrated M.Sc
4.	Nitesh Kumar Patel	PHYS11201713024	Integrated M.Sc
5.	Chittadeepan Chakrabarty	1811053	Integrated M.Sc
6.	Debaiudh Das	1611043	Integrated M.Sc
7.	Ashish Panigrahi	1811039	Integrated M.Sc

I request you to kindly arrange to look into this serious matter and let us know the action taken, at the earliest and not later than 02 March, so that we could provide a consolidated action taken report to CoM in the forthcoming meeting.

I am sure that this matter will be handled with sensitivity at your end, considering that the student(s) have chosen to make the allegation in spite of the fact that their identity will be known.

Thanking you and with best regards,

Yours sincerely,

( P.R.Vasudeva Rao )

Prof. Sudhakar Panda,  
Director, NISER,  
Bhubaneswar.



# होमी भाषा राष्ट्रीय संस्थान

## Homi Bhabha National Institute

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**Prof. P.R. Vasudeva Rao, FNAE, FNASC**  
Vice-Chancellor

**प्रो. पी.आर. वासुदेव राव, एफएनए, एफएनएससी**  
कुलपति

Ref.: HBNI/VCO/38/2020/74

February 18, 2020

Dear Prof. Bhaduri,

As part of the NAAC exercise, the Central Office had collected feedback from the students of HBNI on various aspects of their experience. Out of the students who responded, some students of our Cls/OCC have given the feedback that they have observed instances of ragging in the campus (they themselves may or may not have experienced ragging). The Council of Management expressed serious concern about the prevalence of ragging and directed HBNI to inform the Cls/OCC the names of the students, so that the students could be asked to give further details that can help to establish the truth and also eradicate the menace of ragging. The CoM suggested that the Cls/OCC should take appropriate action after confirming the veracity of the allegations. Accordingly, I am writing to concerned Cls/OCC.

The names and other details of the students from your institution who have provided us the feedback on ragging, are given below :-

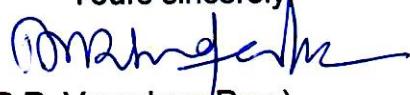
Sr.No.	Name of Student	Registration No.	Program Name
1.	Rajitha R	PHYS02201504024	Ph.D
2.	Lakshmanan C	PHYS02201304002	Ph.D
3.	Jakathamani S	PHYS02201504026	Ph.D
4.	Vijayalakshmi T	CHEM02201504012	Ph.D

I request you to kindly arrange to look into this serious matter and let us know the action taken, at the earliest and not later than 2<sup>nd</sup> March, 2020, so that we could provide a consolidated action taken report to CoM in the forthcoming meeting.

I am sure that this matter will be handled with sensitivity at your end, considering that the student(s) have chosen to make the allegation in spite of the fact that their identity will be known.

Thanking you and with best regards,

Yours sincerely,

  
( P.R. Vasudeva Rao )

Dr.A.K.Bhaduri,  
Director, IGCAR,  
Kalpakkam.



# होमी भाभा राष्ट्रीय संस्थान

## Homi Bhabha National Institute

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Vice-Chancellor

**प्रो. पी.आर. वासुदेव राव, एफएनएई, एफएनएससी**  
कुलपति

Ref. HBNI/VCO/38/2020/ 73

February 18, 2020

Dear Dr. Sumit Som,

As part of the NAAC exercise, the Central Office had collected feedback from the students of HBNI on various aspects of their experience. Out of the students who responded, some students of our Cls/OCC have given the feedback that they have observed instances of ragging in the campus (they themselves may or may not have experienced ragging). The Council of Management expressed serious concern about the prevalence of ragging and directed HBNI to inform the Cls/OCC the names of the students, so that the students could be asked to give further details that can help to establish the truth and also eradicate the menace of ragging. The CoM suggested that the Cls/OCC should take appropriate action after confirming the veracity of the allegations. Accordingly, I am writing to concerned Cls/OCC.

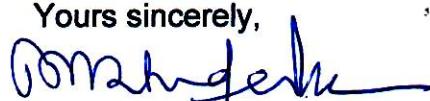
The names and other details of the student from your institution who has provided us the feedback on ragging, is given below:

Sr. No.	Name of Student	Registration No.	Program Name
1.	Apar Agarwal	PHYS04201904004	PhD (Physical Sciences)

I request you to kindly arrange to look into this serious matter and let us know the action taken, at the earliest and not later than 02 March, so that we could provide a consolidated action taken report to CoM in the forthcoming meeting.

I am sure that this matter will be handled with sensitivity at your end, considering that the student(s) have chosen to make the allegation in spite of the fact that their identity will be known.

Thanking you and with best regards,

Yours sincerely,  
  
( P.R.Vasudeva Rao )

Dr. Sumit Som,  
Director, VECC,  
Kolkata.



# होमी भाभा राष्ट्रीय संस्थान

## Homi Bhabha National Institute

प्रशिक्षण विद्यालय परिसर, अनुशक्तिनगर, मुंबई-400 094, भारत Training School Complex, Anushaktinagar, Mumbai – 400 094, India  
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**Prof. P.R. Vasudeva Rao, FNAE, FNASC**  
Vice-Chancellor

**प्रो. पी.आर. वासुदेव राव, एनएए, एनएसएससी**  
कुलपति

Ref.: HBNI/VCO/38/2020/ 72

February 18, 2020

Dear Prof. Shashank Chaturvedi,

As part of the NAAC exercise, the Central Office had collected feedback from the students of HBNI on various aspects of their experience. Out of the students who responded, some students of our Cls/OCC have given the feedback that they have observed instances of ragging in the campus (they themselves may or may not have experienced ragging). The Council of Management (CoM) expressed serious concern about the prevalence of ragging and directed HBNI to inform the Cls/OCC the names of the students, so that the students could be asked to give further details that can help to establish the truth and also eradicate the menace of ragging. The CoM suggested that the Cls/OCC should take appropriate action after confirming the veracity of the allegations. Accordingly, I am writing to concerned Cls/OCC.

The names and other details of the students from your institution who have provided us the feedback on ragging, are given below:

Sr. No.	Name of Student	Registration No.	Program Name
1.	Arzoo Malwal	PHYS06201904007	Ph.D
2.	Ambesh Kumari	PHYS06201904009	PhD

I request you to kindly arrange to look into this serious matter and let us know the action taken, at the earliest and not later than 2<sup>nd</sup> March 2020, so that we could provide a consolidated action taken report to CoM in the forthcoming meeting. :

I am sure that this matter will be handled with sensitivity at your end, considering that the student(s) have chosen to make the allegation in spite of the fact that their identity will be known.

Thanking you and with best regards,

Yours sincerely,

  
( P.R. Vasudeva Rao )

Prof. Shashank Chaturvedi,  
Director,  
Institute for Plasma Research,  
Gandhinagar.

I happen to be the President of my hostel and I had to arrange the shifting from one building to another — welcoming immense misbehavior from my seniors. But I would not label it as ragging. In general, NISER is with no doubt, a ragging-free institute.

Dipenpaar Saha

1811063

I do not remember giving the feed back that ragging happens at NISER

P I have not witnessed any ragging in the campus.

Saranya Das  
1811136

I don't remember that I have gave feedback regarding ragging in NISER.  
I have not experienced ragging in NISER.

Chittadeepan Chakrabarty  
Roll no- 1811053  
Chakrabarty

I do not consider any unhealthy ragging happens  
in this college - Souvik Singha.(1511092)

I have observed a ragging like event in my first year (2016) and currently, things have become relatively peaceful. I did not observe anything of such sorts since last year. I do not wish to have any investigation of the incident I observed in 2016.

Debaindr Das

1611043

I, Nitesh Komar Patel, a 3rd year Int M.Sc. student in NISER.  
I have discussed the issue of ragging during our first year (2017)  
in NISER. What I observed since that incident is that  
the situation has significantly improved. Keeping ~~that~~ <sup>of</sup> the current  
situation in mind, I would n't like to proceed with any investigation.  
I sincerely hope that the situation never repeat in the future.  
In 2019, there has been no incident <sup>of</sup> regarding ragging, in the  
campus.

13/3/2020

Nitesh Komar Patel  
171092

- In 2018, an incident had occurred in the Krishna-hostel which at the time I had considered ragging since I was not aware of its actual meaning. However, I realize now that the above incident was not ragging but rather a comfortable interaction between my batch and seniors.
- In 2019, no such incident has occurred as far as I know.

Ashish  
13/03/2020

Ashish Panigrahi

This is inresponse to the ragging complaints. This was discussed with the respective Research Scholars

**Ms.T. Vijayalakshmi CHEM02201504012 (Guide: Dr. B. Anupkumar; workplace WSCD)**

She joined in 2015. During 2017, for the purpose of discussions she had been interacting with a male JRF. Few seniors passed remarks on her interaction with the male JRF colleague. She told them that this should not be done. In response she had been receiving missed calls on her phone from unknown numbers, for some time. After one or two months this issue got tapered on its own. She informed this to the then Guide, Dr. Vel Murugan. She mentioned that she is doing well in her work.

**Ms. S. Jakatamani, PHYS02201504026 (Guide: Dr. M.T. Jose: Work place HESG)**

She mentioned that while filling up the online application for NAAC feedback, for the question on Ragging, she pressed wrongly the yes option to the question on Ragging. She realized later and tried to undo the mistake but the submitted application could not be altered.

**Ms. R. Rajitha, PHYS02201504024 ( Guide: Dr. T.R. Ravindran: Workplace: MSG)**

Ms. Jakatamani told the same is case with Ms. Rajitha. Ms. Rajitha is on maternity leave now. This was discussed with Ms. Rajitha through phone and she also mentioned the same.

**Shri Lakshmanan, PHYS02201304002: ( Presently Research Associate)**

When this aspect was enquired to him, he expressed his surprise that he stated yes to Ragging. He told he has not experienced any ragging and mentioned he must have inadvertently pressed the wrong option.

Ms. Jakathamani, Ms. Rajitha and Shri Lakshmanan also mentioned that they have not represented on others behalf.



डॉ. सुमित सोम  
निदेशक  
**Dr. Sumit Som**  
Director



GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
VARIABLE ENERGY CYCLOTRON CENTRE

भारत सरकार  
परमाणु ऊर्जा विभाग  
परिवर्ती ऊर्जा साइक्लोट्रॉन केन्द्र

Ref:VECC/Dir/HBNI/Ragging/SS/2020/

Date: Feb 21, 2020

Dear Prof. Vasudeva Rao,

Please refer to your letter Ref. No. HBNI/VCO/38/2020/73 dated Feb 18, 2020, regarding the student's response on ragging taken place at VECC.

In this regard, the Anti-ragging Committee of VECC had an emergency meeting on 19<sup>th</sup> Feb, 2020 and in this meeting the concerned student, Shri Apar Agarwal was invited to attend the meeting. He actually was surprised to learn about such a feedback given by him. He informed the committee that he himself had neither encountered ragging, nor had observed ragging to others, in VECC campus. He also mentioned that while providing feedback, he might have made a mistake by selecting "yes" button against the query regarding ragging.

The copy of the Minutes of Meeting is also attached herewith for your kind perusal.

It may kindly be noted that the matter has been handled sensitively.

Thanking you. With best regards,

Yours Sincerely,

Sumit Som

Encl: As above.

**Prof. P.R. Vasudeva Rao**  
**Vice-Chancellor,**  
**Homi Bhabha National Institute**  
Mumbai



Date: 19.02.2020

### Minutes of meeting of the Anti-ragging Committee, HBNI-VECC

A meeting of the Anti-ragging Committee, HBNI-VECC was held on 19<sup>th</sup> February, 2020 at 12:00 noon at the Conference Room of Director's office to discuss on the feedback provided to HBNI by a student (Mr. Apar Agarwal) on ragging. Dr. Sumit Som, Director, VECC was in the Chair.

The following members were present:

1. Dr. Jan-e Alam, Sr. Professor
2. Dr. Sarbajit Pal, Dean-Academics (Engineering Sciences)
3. Dr. Parnika Das, Dean-Academics (Physical Sciences)
4. Dr. Tilak Kumar Ghosh, Dean (Students' Affairs)
5. Ms. Shefali Basak, JRF, Students' representative
6. Mr. Apar Agarwal, JRF, Invitee (who provided feedback to HBNI on ragging)

Mr. Vivek K. R. Singh, SRF, the other Students' Representative communicated by e-mail that he couldn't be present in the meeting as he is in abroad.

The Chairman of the meeting asked Mr. Apar Agarwal to give the details of the feedback on ragging that he communicated to HBNI.

Mr. Apar Agrwal was surprised to learn about such a feedback by him and informed the committee that he himself never encountered ragging in the VECC campus. He also stated that he has never observed ragging to others in the campus.

Mr. Apar Agarwal mentioned that while providing feedback, by mistake, he may have clicked the "yes" button in the query regarding ragging.

Director VECC suggested that HBNI may consider to prepare feedback form so that such inadvertent error can be avoided.

The meeting ended with thanks to the chair.

  
21/02/2020

(Dr. Sumit Som)

Director, VECC



(Dr. Parnika Das)



(Dr. Jan-e Alam)



(Dr. Sarbajit Pal)



(Dr. Tilak Kr. Ghosh)



(Ms. Shefali Basak)



(Mr. Apar Agarwal)





# Institute for **Plasma Research**

## પ્લાજ્મા અનુસંધાન સંસ્થાન

Bhat, Near Indira Bridge, Gandhinagar 382 428, Gujarat (India)  
ભાટ, નિકટ ઇન્ડિરા પુલ, ગાંધીનગર -382428, ગુજરાત (ભારત)

**Dr Shashank Chaturvedi**  
**DIRECTOR**

E-mail : director@ipr.res.in  
Ph.: 079-23962050, 9040

IPR/DIR/COR/2020/03/02

March 6, 2020

To,

Prof. P. R. Vasudev Rao  
Vice-Chancellor, HBNI  
Homi Bhabha National Institute  
2<sup>nd</sup> floor, BARC Training School Complex  
Anushaktinagar  
MUMBAI - 400 094.

**Sub: Action Taken Report of Anti-Ragging Committee, IPR**  
**Ref.: Letter No. HBNI/VCO/38/2020/72 dated 18.02.2020**

Dear Prof. Rao,

As requested in your letter No. HBNI/VCO/38/2020/72 dated 18.02.2020, the mater has been examined by the committee at IPR and the Action Taken Report of Anti-Ragging Committee at IPR is attached herewith for your information.

Thanking you and with best regards.

1.6 letter 6/3/20  
(Shashank Chaturvedi)



## Action taken report

### Reference: letter (HBNI/VCO/38/2020/72) dated 18.02.2020 from the Vice Chancellor's office of the HBNI

It was brought to the notice of the anti-ragging committee of the Institute for Plasma Research (IPR), that an incidence of ragging has taken place in IPR campus and the committee took immediate cognizance of it. No such incident was reported to the Anti-Ragging Committee by any of the students directly or indirectly despite of the fact that all relevant information has been displayed in the hostel wherein the names and contact numbers of all the committee members are made available to report such incidence(s). Upon detailed investigation of the matter, the committee found that during the Fresher's Party held in the first weekend of August 2019, an incident of insistence for performing a dance had happened in IPR hostel premises. The committee took the incident as a serious offence and thoroughly discussed the matter with all the students separately as well as individually. During the discussions, the complainants did not name any individual. Therefore, the committee held a meeting with all the students present during the incident and strongly warned them. Furthermore, they were counseled about the penal and administrative actions that is liable to be taken against the concerned if found guilty of or abetting ragging, actively or passively or even being part of the conspiracy to promote ragging.

The above complaint has hence been resolved.

 Joydeep Ghosh  
2/3/20

E-mail  
approval

Shantanu Karkari

 Renu Behl  
2/3/2020

N Ramu  
N. Ramasubramanian

 H. Chamunde  
02/03/2020



Submitted to the Director's office (IPR) on 02.03.2020

CIRCULATION by e-mail only

# Minutes of 6<sup>th</sup> Meeting of the Standing Sub-Committee of the Council of Management

Date : 23<sup>rd</sup> March 2020



**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)

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Phone Nos.: 022-25597554, 25597626

### **M3.A3.2 NAAC Self Study Report: Status of Report Preparation and Progress**

The Committee was informed that in the previous meeting (of the CoM held on 3<sup>rd</sup> January 2020), instances of ragging in the CIs/ OCC were reported in the student feedback and CoM had asked HBNI to take up the feedback with concerned CIs/OCC. An Action Taken Report on the same was presented to the Committee.

Prof. P.D. Naik, Dean informed the Committee that Vice Chancellor passed on the feedback reports generated on ragging to the Directors of the concerned CIs/ OCC. Directors of CIs/ OCC arranged for an inquiry into the allegations through the concerned Committee(s) in their respective institutions. The Committees interacted with the students with necessary sensitivity considering the fact that students had divulged their identity. The issue of ragging was viewed seriously and each case was deliberated in detail. The report of the committees was forwarded to the Director, who, in turn, forwarded to Dean HBNI and also directed the concerned functionary in the CI/ OCC to take action where necessary. A summary of the reports received (given in Annexure 3) and the action taken was presented by Dean.

The report presented by Dean was discussed in detail. Members expressed satisfaction on the action taken and also noted that the result of the enquiries finally established that DAE institutions are indeed ragging-free campuses. Chairman also proposed that awareness programmes on the campus will enable them to identify and create nexus between the freshers and seniors. A formal induction programme in each of the campuses is welcome. Vice Chancellor also remarked that each of the institutions has induction programmes in some format.

**Annexure 3**

Students feedback on the parameter “I have come across any instance of ragging in my campus”; affirmative responses and action taken report.

CI/ OCC	No of affirmative response	Letter to CIs/OCC for the necessary action sent	Action taken by CIs/OCC	A brief summary of Investigation report generated by CIs/OCC
NISER	7	18/02/2020	A committee formed to interact with the concerned students.	2 Students: Pressed affirmation by mistake 3 Students: The observed incident doesn't fall under the ragging. 2 Students: Forced to do an act like singing/dancing during fresher introduction party at the hostel. Action: Banning of fresher's introduction party at hostel, introduction party will be held at NISER community centre under the supervision of warden and faculty in-charge students affair
IGCAR	4	18/02/2020	Dean (Student Affairs) interacted with the concerned students.	3 Students: pressed affirmation by mistake 1 Student: Few seniors passed remarks on her interaction with the male JRF colleague and later received some miss calls for two months. The issue was resolved within two months of its own.
IPR	2	18/02/2020	The anti-ragging committee, HBNI-IPR interacted with the concerned students.	2 Students: The Fresher's party syndrome
VECC	1	18/02/2020	The anti-ragging committee, HBNI-VECC interacted with the concerned students.	1 Student: Pressed affirmation by finger slip-up

**Important Actions:**

1. Fresher's party if any should be held under the supervision of warden and the faculty in-charge students affair.
2. Seniors research fellows need to be instructed not to comment on the actions of the juniors if they noticed some objectionable actions of the juniors, the same need to be reported to the dean students' affair.



**Prof. P.D. Naik**  
Dean

होमी भाभा राष्ट्रीय संस्थान  
प्रशिक्षण विद्यालय परिसर, अनुशक्ति नगर, मुंबई –  
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No. HBNI/Dean/2020/074

15th April 2020

Dear Convener,

HBNI has obtained feedback from a) students b) faculty c) parents and d) alumni. 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 analysis. The response given by the stakeholders was averaged, question-wise. 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”.

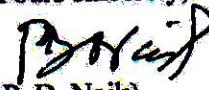
The results of the feedback obtained from the stakeholders are presented and analysed in Annexures I-IV. Overall, the results indicate that all the stakeholders are generally happy with the curriculum, infrastructure and other aspects covered by the questionnaire, while there is still a good scope for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

The response of HBNI relates to the curriculum and examination related questions where the average feedback score was less than 2.5, is given in Annexure V. Most of the students opined the need for curriculum revision, a score of 1.85 and the feedback suggests the need to introduce more elective courses, skill/value-added courses and courses on entrepreneurship.

In view of this, you are requested to discuss the issues mentioned in Annexure-V in your forthcoming Board of Studies meeting and take the appropriate steps to address the issues by taking views of the present and past students of the various programmes under your BoS.

Thanking you and with best regards,

Yours sincerely,

  
(P. D. Naik)

To,  
Conveners & Co-conveners, BoS

**Annexure-I**

**Student Feedback Analysis Report**

Sr. No.	Parameters	Percentage (%) of Students					Average Score out of 4	Rating
		Strongly Agree (4)	Moderately Agree (3)	Agree (2)	Moderately Disagree (1)	Strongly Disagree (0)		
1.	The courses offered are stimulating & broadening and help in improving overall domain knowledge	24.14	24.97	39.23	7.68	3.98	2.58	Very Good
2	There are adequate options for electives covering wide spectrum of subjects	17.59	23.86	31.08	17.59	9.88	2.22	Very Good
3.	The curriculum can be recommended to continue without change	10.58	20.33	25.96	30.22	12.91	1.85	Reasonably good, needs improvement
4.	The curriculum provides necessary foundation for employability	15.11	16.81	38.70	17.94	11.44	2.06	Very Good
5	Associated projects and tutorials are useful	25.07	21.41	41.13	8.59	3.80	2.55	Very Good
6.	The courses are likely to encourage to take-up entrepreneurial activities/ start-ups	17.47	19.97	32.75	15.42	14.39	2.11	Very Good
7.	The examination system of the course does not put in any undue stress	18.93	15.78	36.08	18.66	10.56	2.14	Very Good
8	I have come across any instance of ragging in my campus							Yes =15 No=400
9.	Availability of ICT resources (eg. Computer, Internet, projector..) in classroom	54.70	12.85	25.69	4.70	2.07	3.13	Excellent
10.	State-of-the-art facilities are available to carry out research	39.09	22.51	30.25	6.08	2.07	2.90	Very Good

<b>11.</b>	Faculty have up-to-date knowledge of the courses	36.63	20.58	31.69	8.09	3.02	2.80	Very Good
<b>12.</b>	Faculty have Very Good teaching capability	22.91	26.34	30.73	13.58	6.45	2.46	Very Good
<b>13.</b>	Faculty encourage questions to be raised in the class.	41.68	19.12	32.46	5.23	1.51	2.94	Very Good
<b>14.</b>	Non-teaching faculty are helpful and cooperative	33.70	19.14	36.89	6.52	3.74	2.73	Very Good
<b>15</b>	Hostel rooms are good, clean and have good facilities	34.69	17.43	26.22	11.93	9.73	2.55	Very Good
<b>16.</b>	Mess serves good and hygienic food	13.82	14.13	27.80	20.96	23.29	1.74	Reasonably good, needs improvement
<b>17.</b>	Recreation and common room facilities are adequate	19.91	15.60	32.24	15.75	16.49	2.07	Very Good
<b>18.</b>	Will recommend others to enrol for academic programs in HBNI	35.40	20.39	34.44	6.89	2.89	2.79	Very Good

The online feedback was obtained on 18 parameters from students of all CIs/OCC, out of which 17 parameters were measured on the scale of 0 to 4 and for one parameter, “ instance of ragging on”, the feedback was obtained as either Yes or No. 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. In the feedback of 732 students, 1 out of 17 parameters is rated as Excellent, 14 parameters are rated as Very Good and 2 as Reasonably Good, but needing improvement. 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  $\geq 2.8$  ( $\geq 70\%$ ). Most of the students opined the need for curriculum revision, a score of 1.85, and improvement of food quality in Mess, a score of 1.74. The feedback suggests the need to introduce more elective courses, skill/value-added courses and courses on entrepreneurship. An improvement

in common room facility and recreation activities, and change in an examination system to reduce stress on students are also required. Detailed analysis indicates that these concerns are only in a few CI and for certain academic programmes. On a question " instance of ragging in the campus", about 4% answered affirmatively.

Overall, the students expressed satisfaction about their experience at HBNI and more than 90 % of the students indicated that they will recommend prospective students to enrol in academic programs of HBNI.

## Annexure II

### Feedback from Faculty members

Sr. No.	Parameters	Percentage of Faculty					Average Score out of 4	Rating
		Strongly Agree (4)	Moderately Agree (3)	Agree (2)	Moderately Disagree (1)	Strongly Disagree (0)		
1.	<b>Selection of students for the academic programs is broad-based and good quality of students are enrolled.</b>	59.00	17.00	21.50	2.50	0.00	3.33	Excellent
2.	<b>The academic calendar is followed meticulously.</b>	66.17	16.92	16.42	0.50	0.00	3.49	Excellent
3.	<b>The courses offered are stimulating &amp; broadening and help in improving overall domain knowledge.</b>	49.50	25.00	23.00	2.00	0.50	3.21	Excellent
4.	<b>The curriculum is being updated periodically.</b>	37.37	35.35	24.75	2.02	0.51	3.07	Excellent
5.	<b>The curriculum provides necessary foundation for further career advancement including employment.</b>	42.64	25.89	27.92	3.05	0.51	3.07	Excellent
6.	<b>Associated projects and tutorials are useful.</b>	52.06	21.13	26.29	0.52	0.00	3.25	Excellent
7.	<b>The courses have appropriate balance of theory, applications and</b>	45.13	27.69	22.05	5.13	0.00	3.13	Excellent

	<b>practicals.</b>							
<b>8.</b>	<b>Students have adequate choices in elective and value addition courses.</b>	38.30	27.13	28.19	5.32	1.06	2.96	<b>Very Good</b>
<b>9.</b>	<b>Teachers have adequate freedom to adopt new methods of teaching and examination such as group discussions, open book exams, etc.</b>	57.44	17.44	18.46	4.62	2.05	3.24	<b>Excellent</b>
<b>10.</b>	<b>The examination system of the course does not put in any undue stress on the student.</b>	47.96	19.39	26.53	5.10	1.02	3.08	<b>Excellent</b>
<b>11.</b>	<b>Adequate availability of ICT resources (eg. Computer, Internet, projector..) in classroom.</b>	67.50	11.00	19.00	2.00	0.50	3.43	<b>Excellent</b>
<b>12.</b>	<b>The environment in the University is conducive to teaching and research.</b>	67.68	13.64	16.16	2.53	0.00	3.46	<b>Excellent</b>
<b>13</b>	<b>Modern library with adequate resources and facilities available.</b>	77.39	9.05	12.56	0.50	0.50	3.62	<b>Excellent</b>
<b>14.</b>	<b>State-of-the-art facilities are available to carry out research.</b>	67.00	17.50	13.00	2.00	0.50	3.49	<b>Excellent</b>
<b>15.</b>	<b>The institution has a well-defined policy for promotion of research.</b>	54.77	18.59	20.10	6.03	0.50	3.21	<b>Excellent</b>
<b>16.</b>	<b>Research projects are well funded by the department.</b>	54.04	16.16	22.22	5.56	2.02	3.15	<b>Excellent</b>

<b>17.</b>	<b>Adequate number of support staff available for education and research activities.</b>	36.27	19.17	32.12	10.88	1.55	2.78	<b>Very Good</b>
<b>18.</b>	<b>Non-teaching faculty are helpful and cooperative.</b>	46.52	19.79	28.88	2.67	2.14	3.06	<b>Excellent</b>
<b>19.</b>	<b>Teachers/researchers have opportunities to participate in international conferences and options for acquiring additional qualifications.</b>	45.83	17.71	24.48	6.25	5.73	2.92	<b>Very Good</b>
<b>20.</b>	<b>The governance of the University is in tune with its vision and mission.</b>	53.61	17.01	25.77	2.58	1.03	3.20	<b>Excellent</b>
<b>21.</b>	<b>The academic processes in the University are followed in a transparent and unbiased manner.</b>	62.76	11.73	18.88	5.10	1.53	3.29	<b>Excellent</b>
<b>22.</b>	<b>Decisions on academic processes are conveyed without undue delay.</b>	52.76	19.10	25.13	2.01	1.01	3.21	<b>Excellent</b>
<b>23.</b>	<b>Adherence to UGC guidelines and Academic ordinances of the University are duly emphasized.</b>	65.45	8.38	21.99	3.14	1.05	3.34	<b>Excellent</b>
<b>24.</b>	<b>Suggestions for improvement made by faculty are given due attention.</b>	40.76	22.83	26.09	5.98	4.35	2.90	<b>Very Good</b>

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 201 faculty members. Out of 24 parameters, the excellent rating (>3 on a 0-4 scale) was received on 20 parameters, and remaining got a very good rating. All the parameters received average score > 2.7. The highest rating ( $\geq 3.2, \geq 80\%$ ) was received by fourteen parameters namely; (a) Selection of students for the academic programs and quality of students enrolled, (b) The academic calendar is followed meticulously, (c) The courses offered are stimulating & broadening and help in improving overall domain knowledge. (d) Associated projects and tutorials are useful, (e) Teachers have adequate freedom to adopt new methods of teaching and examination such as group discussions, open book exams, etc. (f) Adequate availability of ICT resources (For example, Computer, Internet, projector, etc.) in the classroom, (g) The environment in the University is conducive to teaching and research. (h) Availability of Modern library with adequate resources and facilities, (i) Availability of State-of-the-art facilities to carry out research, (j) The institution has a well-defined policy for promotion of research, (k) The governance of the University is in tune with its vision and mission, (l) The academic processes in the University are followed in a transparent and unbiased manner, (m) Decisions on academic processes are conveyed without undue delay, and (n) Adherence to UGC guidelines and Academic ordinances of the University are duly emphasized.

The above parameters indicate that the institute has excellent infrastructure and facilities to carry out research in the frontier areas. The lowest average score of 2.78 were received for the parameter on "availability of adequate number of support staff", this indicates that there is a scope for improvement in the research output in terms of quantity and quality by addressing the above parameter.

**Annexure-III**

**Alumni Feedback Analysis**

Sr. No.	Parameters	Percentage (%) of Alumni					Average Score out of 4	Rating
		Strongly Agree (4)	Moderately Agree (3)	Agree (2)	Moderately Disagree (1)	Strongly Disagree (0)		
1.	Admission procedure and formalities were transparent and hassle free	70.25	14.05	14.05	0.83	0.83	3.50	Excellent
2.	Teaching and research guidance helped me to complete my academic programme successfully.	55.00	21.67	19.17	2.50	1.67	3.24	Excellent
3.	The courses offered were stimulating and broadening & helped in improving overall domain knowledge and personality.	41.03	31.62	18.80	5.98	2.56	3.01	Excellent
4.	The curriculum provided necessary foundation for further career advancement including employment.	38.26	33.91	17.39	6.09	4.35	2.97	Very Good
5.	Associated projects and tutorials were useful.	43.48	26.09	22.61	6.09	1.74	3.04	Excellent
6.	The courses had appropriate balance of theory, applications and practicals.	27.78	30.56	21.30	16.67	3.70	2.68	Very Good
7.	I had adequate choices in elective and value addition courses.	34.58	21.50	26.17	9.35	8.41	2.69	Very Good
8.	The examination system of the course did not put in any undue stress.	40.35	25.44	20.18	14.04	0.00	2.85	Very Good
9.	ICT resources (eg. Computer, Internet, Projector...) were available in class room.	62.93	12.07	17.24	4.31	3.45	3.34	Excellent
10.	The environment in the university was conducive to teaching and research.	57.26	20.51	17.09	4.27	0.85	3.24	Excellent

<b>11.</b>	State-of-the-art research facilities and library were available to me.	68.38	16.24	13.68	1.71	0.00	3.50	Excellent
<b>12.</b>	Faculty and administration were very supportive.	65.00	12.50	17.50	2.50	2.50	3.39	Excellent
<b>13</b>	The academic processes in the university are followed in a transparent and unbiased manner.	62.18	15.13	17.65	5.04	0.00	3.35	Excellent
<b>14.</b>	Decision on academic processes are conveyed without undue delay.	53.72	18.18	15.70	9.09	3.31	3.11	Excellent
<b>15.</b>	My organisation as well as university were receptive to my suggestions.	32.43	26.13	23.42	12.61	5.41	2.72	Very Good
<b>16.</b>	I will recommend HBNI as an Higher Education Institute of high value.	62.81	14.88	19.01	2.48	0.83	3.34	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. Based on feedback received from 161 alumni, it is observed that 11 out of 16 parameters are rated as Excellent and rest 5 parameters are rated as Very Good. Teaching, courses, research facilities and research guides etc are rated with best grades. No alumni have rated any of the parameters below rating 'Very Good'. Like the present students of the university, former students are also happy with overall programmes and would like to recommend prospective students to join HBNI for higher education. However, there are rooms for 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'.

## Annexure IV

### Feedback from parents

Sr. No.	Parameters	Percentage of Parents					Average Score out of 4	Rating
		Strongly Agree (4)	Moderately Agree (3)	Agree (2)	Moderately Disagree (1)	Strongly Disagree (0)		
1.	Admission procedure and formalities were transparent and hassle free	68.75	12.50	17.71	1.04	0.00	3.49	Excellent
2.	Teaching, Research Guidance were excellent	38.54	26.04	30.21	4.17	1.04	2.97	Very Good
3.	Hostel and other infrastructure were excellent	30.43	19.57	28.26	5.43	16.30	2.42	Very Good
4.	The courses offered were stimulating & broadening and helped in improving overall domain knowledge	34.74	26.32	34.74	2.11	2.11	2.89	Very Good
5.	The curriculum provided necessary foundation for further career advancement including employment	30.11	32.26	27.96	7.53	2.15	2.81	Very Good
6.	The examination system of the courses did not put any undue stress on my ward	37.23	25.53	26.60	7.45	3.19	2.86	Very Good
7.	My ward has been given opportunities for wholesome development	32.29	23.96	37.50	6.25	0.00	2.82	Very Good

**Response of HBNI to the feedback received with < 2.5 Average Score**

<b>Stakeholders</b>	<b>Parameters</b>	<b>Score</b>	<b>Response/Action To be taken</b>
Students	There are adequate options for electives covering wide spectrum of subjects	2.22	BoS will be advised to re-look into the present course curriculum offered in various programs and introduce more elective courses after taking feedback from all the stakeholders.
	The curriculum can be recommended to continue without change	1.85	BoS will be 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 provides necessary foundation for employability	2.06	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.
	The courses are likely to encourage to take-up entrepreneurial activities/ start-ups	2.11	Lectures by eminent entrepreneurs will be arranged regularly to create awareness to the students about opportunities and challenges in setting up start-ups.
	The examination system of the course does not put in any undue stress	2.14	The rigour in the course is purposefully introduced to maintain high academic standards. Lectures on stress management will be introduced to guide the students in handling the stress. A reasonable weightage will be given to continuous assessment, thereby reducing the stress on final examination.





# होमी भाभा राष्ट्रीय संस्थान

## Homi Bhabha National Institute

प्रशिक्षण विद्यालय परिसर, अनुशक्तिनगर, मुंबई-400 094, भारत Training School Complex, Anushaktinagar, Mumbai – 400 094, India  
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**Prof. P.R. Vasudeva Rao, FNAE, FNASC**  
Vice-Chancellor

**प्रो. पी.आर. वासुदेव राव, एफएनएई, एफएनएससी**  
कुलपति

Ref. HBNI/VCO/4/2020/ 073

April 15, 2020

Dear Colleagues,

HBNI has obtained feedback from a) students b) faculty c) parents and d) alumni. 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 analysis. The response given by the stakeholders was averaged, question-wise. 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".

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 questions concerning CIs and OCC of HBNI where the average feedback score was less than 2.5, are given in Annexure V. You are requested to take appropriate steps to address the issues mentioned in Annexure-V.

Thanking you and with best regards,

Yours sincerely,

  
( P. R. Vasudeva Rao )

To,

Directors of Constituent Units / OCC

**Annexure-I****Student Feedback Analysis Report**

Sr. No.	Parameters	Percentage (%) of Students					Average Score out of 4	Rating
		Strongly Agree (4)	Moderately Agree (3)	Agree (2)	Moderately Disagree (1)	Strongly Disagree (0)		
1.	The courses offered are stimulating & broadening and help in improving overall domain knowledge	24.14	24.97	39.23	7.68	3.98	2.58	Very Good
2	There are adequate options for electives covering wide spectrum of subjects	17.59	23.86	31.08	17.59	9.88	2.22	Very Good
3.	The curriculum can be recommended to continue without change	10.58	20.33	25.96	30.22	12.91	1.85	Reasonably good, needs improvement
4.	The curriculum provides necessary foundation for employability	15.11	16.81	38.70	17.94	11.44	2.06	Very Good
5	Associated projects and tutorials are useful	25.07	21.41	41.13	8.59	3.80	2.55	Very Good
6.	The courses are likely to encourage to take-up entrepreneurial activities/ start-ups	17.47	19.97	32.75	15.42	14.39	2.11	Very Good
7.	The examination system of the course does not put in any undue stress	18.93	15.78	36.08	18.66	10.56	2.14	Very Good
8	I have come across any instance of ragging in my campus							Yes =15 No=400
9.	Availability of ICT resources (eg. Computer, Internet, projector..) in classroom	54.70	12.85	25.69	4.70	2.07	3.13	Excellent
10.	State-of-the-art facilities are available to carry out research	39.09	22.51	30.25	6.08	2.07	2.90	Very Good
11.	Faculty have up-to-date knowledge of the	36.63	20.58	31.69	8.09	3.02	2.80	Very Good

	courses							
<b>12.</b>	Faculty have Very Good teaching capability	22.91	26.34	30.73	13.58	6.45	2.46	Very Good
<b>13.</b>	Faculty encourage questions to be raised in the class.	41.68	19.12	32.46	5.23	1.51	2.94	Very Good
<b>14.</b>	Non-teaching faculty are helpful and cooperative	33.70	19.14	36.89	6.52	3.74	2.73	Very Good
<b>15</b>	Hostel rooms are good, clean and have good facilities	34.69	17.43	26.22	11.93	9.73	2.55	Very Good
<b>16.</b>	Mess serves good and hygienic food	13.82	14.13	27.80	20.96	23.29	1.74	Reasonably good, needs improvement
<b>17.</b>	Recreation and common room facilities are adequate	19.91	15.60	32.24	15.75	16.49	2.07	Very Good
<b>18.</b>	Will recommend others to enrol for academic programs in HBNI	35.40	20.39	34.44	6.89	2.89	2.79	Very Good

The online feedback was obtained on 18 parameters from students of all Cls/OCC, out of which 17 parameters were measured on the scale of 0 to 4 and for one parameter, “ instance of ragging on”, the feedback was obtained as either Yes or No. 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. In the feedback of 732 students, 1 out of 17 parameters is rated as Excellent, 14 parameters are rated as Very Good and 2 as Reasonably Good, but needing improvement. 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  $\geq 2.8$  ( $\geq 70\%$ ). Most of the students opined the need for curriculum revision, a score of 1.85, and improvement of food quality in Mess, a score of 1.74. The feedback suggests the need to introduce more elective courses, skill/value-added courses and courses on entrepreneurship. An improvement in common room facility and recreation activities, and change in an examination system to reduce stress on students are also required. Detailed

analysis indicates that these concerns are only in a few CI and for certain academic programmes. On a question " instance of ragging in the campus", about 4% answered affirmatively.

Overall, the students expressed satisfaction about their experience at HBNI and more than 90 % of the students indicated that they will recommend prospective students to enrol in academic programs of HBNI.

## Annexure II

### Feedback from Faculty members

Sr. No.	Parameters	Percentage of Faculty					Average Score out of 4	Rating
		Strongly Agree (4)	Moderately Agree (3)	Agree (2)	Moderately Disagree (1)	Strongly Disagree (0)		
1.	<b>Selection of students for the academic programs is broad-based and good quality of students are enrolled.</b>	59.00	17.00	21.50	2.50	0.00	3.33	Excellent
2.	<b>The academic calendar is followed meticulously.</b>	66.17	16.92	16.42	0.50	0.00	3.49	Excellent
3.	<b>The courses offered are stimulating &amp; broadening and help in improving overall domain knowledge.</b>	49.50	25.00	23.00	2.00	0.50	3.21	Excellent
4.	<b>The curriculum is being updated periodically.</b>	37.37	35.35	24.75	2.02	0.51	3.07	Excellent
5.	<b>The curriculum provides necessary foundation for further career advancement including employment.</b>	42.64	25.89	27.92	3.05	0.51	3.07	Excellent
6.	<b>Associated projects and tutorials are useful.</b>	52.06	21.13	26.29	0.52	0.00	3.25	Excellent
7.	<b>The courses have appropriate balance of theory, applications and practicals.</b>	45.13	27.69	22.05	5.13	0.00	3.13	Excellent
8.	<b>Students have adequate choices in</b>	38.30	27.13	28.19	5.32	1.06	2.96	Very

	<b>elective and value addition courses.</b>							<b>Good</b>
<b>9.</b>	<b>Teachers have adequate freedom to adopt new methods of teaching and examination such as group discussions, open book exams, etc.</b>	57.44	17.44	18.46	4.62	2.05	3.24	<b>Excellent</b>
<b>10.</b>	<b>The examination system of the course does not put in any undue stress on the student.</b>	47.96	19.39	26.53	5.10	1.02	3.08	<b>Excellent</b>
<b>11.</b>	<b>Adequate availability of ICT resources (eg. Computer, Internet, projector..) in classroom.</b>	67.50	11.00	19.00	2.00	0.50	3.43	<b>Excellent</b>
<b>12.</b>	<b>The environment in the University is conducive to teaching and research.</b>	67.68	13.64	16.16	2.53	0.00	3.46	<b>Excellent</b>
<b>13</b>	<b>Modern library with adequate resources and facilities available.</b>	77.39	9.05	12.56	0.50	0.50	3.62	<b>Excellent</b>
<b>14.</b>	<b>State-of-the-art facilities are available to carry out research.</b>	67.00	17.50	13.00	2.00	0.50	3.49	<b>Excellent</b>
<b>15.</b>	<b>The institution has a well-defined policy for promotion of research.</b>	54.77	18.59	20.10	6.03	0.50	3.21	<b>Excellent</b>
<b>16.</b>	<b>Research projects are well funded by the department.</b>	54.04	16.16	22.22	5.56	2.02	3.15	<b>Excellent</b>
<b>17.</b>	<b>Adequate number of support staff available for education and research activities.</b>	36.27	19.17	32.12	10.88	1.55	2.78	<b>Very Good</b>
<b>18.</b>	<b>Non-teaching faculty are helpful</b>	46.52	19.79	28.88	2.67	2.14	3.06	<b>Excellent</b>

	<b>and cooperative.</b>							
<b>19.</b>	<b>Teachers/researchers have opportunities to participate in international conferences and options for acquiring additional qualifications.</b>	45.83	17.71	24.48	6.25	5.73	2.92	<b>Very Good</b>
<b>20.</b>	<b>The governance of the University is in tune with its vision and mission.</b>	53.61	17.01	25.77	2.58	1.03	3.20	<b>Excellent</b>
<b>21.</b>	<b>The academic processes in the University are followed in a transparent and unbiased manner.</b>	62.76	11.73	18.88	5.10	1.53	3.29	<b>Excellent</b>
<b>22.</b>	<b>Decisions on academic processes are conveyed without undue delay.</b>	52.76	19.10	25.13	2.01	1.01	3.21	<b>Excellent</b>
<b>23.</b>	<b>Adherence to UGC guidelines and Academic ordinances of the University are duly emphasized.</b>	65.45	8.38	21.99	3.14	1.05	3.34	<b>Excellent</b>
<b>24.</b>	<b>Suggestions for improvement made by faculty are given due attention.</b>	40.76	22.83	26.09	5.98	4.35	2.90	<b>Very Good</b>

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 201 faculty members. Out of 24 parameters, the excellent rating (>3 on a 0-4 scale) was received on 20 parameters, and remaining got a very good rating. All the parameters received average score > 2.7. The highest rating ( $\geq 3.2, \geq 80\%$ ) was received by fourteen parameters namely; (a) Selection of students for the academic programs and quality of students enrolled, (b) The academic calendar is followed meticulously, (c) The courses offered are

stimulating & broadening and help in improving overall domain knowledge. (d) Associated projects and tutorials are useful, (e) Teachers have adequate freedom to adopt new methods of teaching and examination such as group discussions, open book exams, etc. (f) Adequate availability of ICT resources (For example, Computer, Internet, projector, etc.) in the classroom, (g) The environment in the University is conducive to teaching and research. (h) Availability of Modern library with adequate resources and facilities, (i) Availability of State-of-the-art facilities to carry out research, (j) The institution has a well-defined policy for promotion of research, (k) The governance of the University is in tune with its vision and mission, (l) The academic processes in the University are followed in a transparent and unbiased manner, (m) Decisions on academic processes are conveyed without undue delay, and (n) Adherence to UGC guidelines and Academic ordinances of the University are duly emphasized.

The above parameters indicate that the institute has excellent infrastructure and facilities to carry out research in the frontier areas. The lowest average score of 2.78 were received for the parameter on "availability of adequate number of support staff", this indicates that there is a scope for improvement in the research output in terms of quantity and quality by addressing the above parameter.

### Annexure-III

#### Alumni Feedback Analysis

Sr. No.	Parameters	Percentage (%) of Alumni					Average Score out of 4	Rating
		Strongly Agree (4)	Moderately Agree (3)	Agree (2)	Moderately Disagree (1)	Strongly Disagree (0)		
1.	Admission procedure and formalities were transparent and hassle free	70.25	14.05	14.05	0.83	0.83	3.50	Excellent
2.	Teaching and research guidance helped me to complete my academic programme successfully.	55.00	21.67	19.17	2.50	1.67	3.24	Excellent
3.	The courses offered were stimulating and broadening & helped in improving overall domain knowledge and personality.	41.03	31.62	18.80	5.98	2.56	3.01	Excellent
4.	The curriculum provided necessary foundation for further career advancement including employment.	38.26	33.91	17.39	6.09	4.35	2.97	Very Good
5.	Associated projects and tutorials were useful.	43.48	26.09	22.61	6.09	1.74	3.04	Excellent
6.	The courses had appropriate balance of theory, applications and practicals.	27.78	30.56	21.30	16.67	3.70	2.68	Very Good
7.	I had adequate choices in elective and value addition courses.	34.58	21.50	26.17	9.35	8.41	2.69	Very Good
8.	The examination system of the course did not put in any undue stress.	40.35	25.44	20.18	14.04	0.00	2.85	Very Good
9.	ICT resources (eg. Computer, Internet, Projector...) were available in class room.	62.93	12.07	17.24	4.31	3.45	3.34	Excellent
10.	The environment in the university was conducive to teaching and research.	57.26	20.51	17.09	4.27	0.85	3.24	Excellent
11.	State-of-the-art research facilities and library were available to me.	68.38	16.24	13.68	1.71	0.00	3.50	Excellent

<b>12.</b>	Faculty and administration were very supportive.	65.00	12.50	17.50	2.50	2.50	3.39	Excellent
<b>13</b>	The academic processes in the university are followed in a transparent and unbiased manner.	62.18	15.13	17.65	5.04	0.00	3.35	Excellent
<b>14.</b>	Decision on academic processes are conveyed without undue delay.	53.72	18.18	15.70	9.09	3.31	3.11	Excellent
<b>15.</b>	My organisation as well as university were receptive to my suggestions.	32.43	26.13	23.42	12.61	5.41	2.72	Very Good
<b>16.</b>	I will recommend HBNI as an Higher Education Institute of high value.	62.81	14.88	19.01	2.48	0.83	3.34	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. Based on feedback received from 161 alumni, it is observed that 11 out of 16 parameters are rated as Excellent and rest 5 parameters are rated as Very Good. Teaching, courses, research facilities and research guides etc are rated with best grades. No alumni have rated any of the parameters below rating 'Very Good'. Like the present students of the university, former students are also happy with overall programmes and would like to recommend prospective students to join HBNI for higher education. However, there are rooms for 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'.

## Annexure IV

### **Feedback from parents**

Sr. No.	Parameters	Percentage of Parents					Average Score out of 4	Rating
		Strongly Agree (4)	Moderately Agree (3)	Agree (2)	Moderately Disagree (1)	Strongly Disagree (0)		
1.	Admission procedure and formalities were transparent and hassle free	68.75	12.50	17.71	1.04	0.00	3.49	<b>Excellent</b>
2.	Teaching, Research Guidance were excellent	38.54	26.04	30.21	4.17	1.04	2.97	<b>Very Good</b>
3.	Hostel and other infrastructure were excellent	30.43	19.57	28.26	5.43	16.30	2.42	<b>Very Good</b>
4.	The courses offered were stimulating & broadening and helped in improving overall domain knowledge	34.74	26.32	34.74	2.11	2.11	2.89	<b>Very Good</b>
5.	The curriculum provided necessary foundation for further career advancement including employment	30.11	32.26	27.96	7.53	2.15	2.81	<b>Very Good</b>
6.	The examination system of the courses did not put any undue stress on my ward	37.23	25.53	26.60	7.45	3.19	2.86	<b>Very Good</b>
7.	My ward has been given opportunities for wholesome development	32.29	23.96	37.50	6.25	0.00	2.82	<b>Very Good</b>

**Annexure V****Response of HBNI to the feedback received with < 2.5 Average Score**

<b>Stakeholders</b>	<b>Parameters</b>	<b>Score</b>	<b>Response/Action To be taken</b>
Students	Faculty have Very Good teaching capability	2.46	The concerned Cls/OCC will be advised to take care of the feedback.
	Mess serves good and hygienic food	1.74	The concerned Cls/OCC will be advised to take care of the feedback.
	Recreation and common room facilities are adequate	2.07	The concerned Cls/OCC will be advised to take care of the feedback.
Parents	Hostel and other infrastructure were excellent	2.42	The concerned Cls/OCC will be advised to take care of the feedback.

## ACTION TAKEN REPORT BY BoS-PHYSICAL SCIENCES

### **Sub.: BoS Feedbacks on the academic programs of HBNI**

Dear Prof. Naik,

1. We have the following suggestion regarding the response to:

"There are adequate options for electives covering wide spectrum of subjects"

It may be a good idea to make a strong effort to have as many online courses as possible. This will solve the problem of electives completely, as students will be able to select courses being offered at any of the CIS of HBNI.

2. We have just one comment regarding the response to:

"The curriculum provides necessary foundation for employability"

where the response is:

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.

We wish to make a fine difference between "employability" and "applicability component in the syllabus" since HBNI has many areas of research. I would like to state

"BoS will look into the possibility of more interactions/lecture series from experts in the field with the possibility of hands-on workshops so that students get a feel for the latest developments in their area of interest and understand the professional requisites leading to enhanced employability."

or suitable version of the same. It is not very different from requirements for entrepreneurial activities.

3. For the examination system, we fully agree with the comment written

in Annexure V that "The rigour in the course is purposefully introduced to maintain high academic standards". Suitable guidelines for the evaluation of student, in the elective courses, may be discussed to reduce student stress.

With best regards,

  
5. 6. 2020  
S M Yusuf

Convener, BoS Physical Sciences, HBNI



# Homi Bhabha National Institute

(A University established under section 3 of the UGC Acts, 1956)

Prof. S. Kannan  
Convener, Board of Studies  
( Chemical Sciences )

Ref : HBNI/BoS/2020/

29 /05 / 2020

Find enclosed herewith the plan of actions to be taken against the feedback received from the students ( Annexure 1 ) .

With regards

A handwritten signature in black ink, appearing to read "Kannan".

( S. Kannan )

To  
The Dean , HBNI

cc : All members of BoS ( Chemical Sciences )

Associate Dean, HBNI

**Annexure 1 :**

	<b>Parameters</b>	<b>Response</b>	<b>Reply to Response/ Action to be taken</b>
1	There are adequate options for electives covering wide spectrum of subjects	BoS will be advised to re-look into the present course curriculum offered in various programs and introduce more elective courses after taking feedback from all the stakeholders.	PhD scholars will be encouraged to opt elective courses of their choice (at least 50% or more i.e. 30 credits) after discussions with their Guides. The new PhD course work initiated in 2019 provides a variety of elective courses to fulfil the scholars demands
2	The curriculum can be recommended to continue without change	BoS will be advised to re-look into the present course curriculum offered in various programs and revise them after taking feedback from all the stakeholders.	Based on the feedback received , for some of the subjects the revision/modification has been already done.
3	The curriculum provides necessary foundation for employability	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.	More elective courses will be introduced in the existing academic programs, which will be useful for employability.  New academic program (PGDAC) will be starting from next academic year to give direct employment opportunities.
4	The courses are likely to encourage to take-up entrepreneurial activities/startups	Lectures by eminent entrepreneurs will be arranged regularly to create awareness to the students about opportunities and challenges in setting up start-ups.	Lectures from eminent entrepreneurs will be arranged to : 1) create awareness, 2) provide opportunities and 3) overcome the challenges during start-ups.
5	The examination system of the course does not put in any undue stress	The rigour in the course is purposefully introduced to maintain high academic standards. Lectures on stress management will be introduced to guide the students in handling the stress.  A reasonable weightage will be given to continuous assessment, thereby reducing the stress on final examination.	Lecture on stress management will be introduced in future.  Continuous assessment in class room and home work/assignments with proper weightage will be given along with exams to reduce the stress on final exam. Internal Exam/ Quiz : 20% Assignment : 20% Midterm Exam : 20 % Final Exam : 40%  In addition, Yoga sessions are also available.

From: "A P Tiwari" <aptiwari@barc.gov.in>  
 Subject: Fwd: Note from Dean, HBNI to BoS Convenors  
 Date: Thu, June 4, 2020 4:46 pm  
 To: deanhbni@hbni.ac.in, pdnaik@barc.gov.in

---

### ACTION TAKEN REPORT BY BoS-ENGINEERING SCIENCES

Dear Dr. Naik,  
 This is in reference to the Note from Dean, HBNI circulated vide  
 HBNI/Dean/2020/074 dated April 15, 2020.

As you may be aware, at present due to lock down, we are not able to convene any meeting of BoS. Hence, suggestion from BoS members regarding introduction of new electives has been taken through phone calls and I am glad to share with you that members of faculty in Engineering Sciences are very enthusiastic about introducing new electives in different areas. Some subjects in which syllabi are being detailed are mentioned below:

1. Fundamentals of Crystal Plasticity
2. Advanced Physical Metallurgy
3. Preparation & Processing of Materials for High Temperature Applications
4. High Temperature Corrosion
5. Catalysis and Surface Engineering Chemistry
6. Renewable Engineering Technology
7. Advanced Electro-Magnetics
8. Space-time Kinetics and Control of Reactors
9. Theory of Plasticity
10. Advanced Concepts in Finite Element Methods

I am optimistic that several new electives will get introduced in the near future.

Thanking you and with regards,

---

Yours Sincerely  
 A P Tiwari,  
 Associate Director, Knowledge Management Group (KMG), Bhabha Atomic Research Centre  
 Head, Human Resource Development Division, KMG, BARC  
 &  
 Sr. Professor & Convener, Board of Studies (Engg. Sci.), Homi Bhabha National Institute

Trombay, Mumbai 400085

Phone(O): +91 22 25597601, +91 9757000345  
 Phone(R): +91 22 25553567  
 FAX: +91 22 25594898

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----- Original Message -----

Subject: Note from Dean, HBNI to BoS Convenors  
 Date: 2020-04-17 11:25

**From:** Ravindra Bilgi <[ravindrabilgi@gmail.com](mailto:ravindrabilgi@gmail.com)>  
**To:** [drsanb@yahoo.com](mailto:drsanb@yahoo.com), [banavali\\_2000@yahoo.com](mailto:banavali_2000@yahoo.com),  
[shubhachiplunkar@gmail.com](mailto:shubhachiplunkar@gmail.com)  
**Cc:** [pdnaik1959@gmail.com](mailto:pdnaik1959@gmail.com), [prvasudeva.rao@gmail.com](mailto:prvasudeva.rao@gmail.com)

Dear Sirs,

A note from Prof.P.D.Naik, Dean, HBNI is forwarded herewith, for your kind information.

With regards,

Ravi Bilgi,

Sr.PS to Vice Chancellor, HBNI

Ph : 022-25597621

---

From: "S V Chiplunkar" <[schiplunkar@actrec.gov.in](mailto:schiplunkar@actrec.gov.in)>  
 Subject: Re: Request to provide the planned actions to address the feedback  
 Date: Wed, June 10, 2020 1:04 am  
 To: [pdnaik@barc.gov.in](mailto:pdnaik@barc.gov.in)

---

Dear Dr Naik,

## ACTION TAKEN REPORT BY BoS-LIFE SCIENCES

With reference to your mail dated 24th May 2020 requesting planned actions to address the feedback received from stakeholders, i have provided below the suggested action plan point wise .

1. We will encourage students to opt for electives at other CIs to increase the options available for them.
2. We are continuously revising our curriculum for course work as well electives after taking feedback from the stake holders.
3. The students after completing their doctorate program have been productively employed in various fields including biotech companies, scientific writing and academia. To improve prospects for our students we will strive to increase their access to potential employers.
4. It is suggested to have a placement cell at each CI to promote interaction of the students with MNCs / Corporates and also help the students in selecting better options for their career development. In addition, the placement cell should arrange talks from entrepreneurs from the diverse fields for better exposure of the students for initiating 'start-ups'. ACTREC already has a placement cell in place and this model can be replicated at other CIs.
5. Academic committee will carefully assess the students' performance in the coursework. If they are not performing well, the committee will counsel the students by understanding the difficulties faced by the student, bridge the student -teacher communication and advice them on the best way to approach the coursework and help the student resolve the issue with in a way that isn't stressful for the student.

Regards

S. Chiplunkar

**Prof Dr S. V. Chiplunkar**

Convener BOS-Life Sciences

**Former-Director, ACTREC-TMC  
President- Immuno Oncology Society of India (I-OSI)**

**Advanced Centre for Treatment, Research & Education in Cancer (ACTREC)  
Tata Memorial Centre  
Kharhgar , Navi Mumbai 410210  
Tel: 022-27405032  
EMail: [schiplunkar@actrec.gov.in](mailto:schiplunkar@actrec.gov.in)**

----- Original message -----

From: "Prof. P.D. Naik" <[pdnaik@barc.gov.in](mailto:pdnaik@barc.gov.in)>  
 To: [skannan@barc.gov.in](mailto:skannan@barc.gov.in), [smyusuf@barc.gov.in](mailto:smyusuf@barc.gov.in), [meena@imsc.res.in](mailto:meena@imsc.res.in), [aptiwari@barc.gov.in](mailto:aptiwari@barc.gov.in), [banavali\\_2000@yahoo.com](mailto:banavali_2000@yahoo.com), [schiplunkar@actrec.gov.in](mailto:schiplunkar@actrec.gov.in), [rbgrover@hbni.ac.in](mailto:rbgrover@hbni.ac.in), [bedanga@niser.ac.in](mailto:bedanga@niser.ac.in)  
 Cc: [prvasudeva.rao@gmail.com](mailto:prvasudeva.rao@gmail.com), [vasudeva@hbni.ac.in](mailto:vasudeva@hbni.ac.in)  
 Subject: Request to provide the planned actions to address the feedback  
 Date: Sun, May 24, 2020 10:26 PM

Dear BoS-Conveners

Hope this mail finds you safe and in good health.

This is with reference to my earlier e-mail regarding the action expected to be taken by BoS concerning feedbacks on the academic programs of HBNI, a copy of which is attached with this mail. The results of the feedback obtained from the stakeholders are presented and analysed in Annexures I-IV and attached for your information.

The actions expected from BoS concerning the curriculum and examination related feedback, where the average feedback score was less than 2.5, are given in Annexure V, for your appropriate actions.

As you are aware, we are shortly going to submit NAAC-SSR for NAAC accreditation and one of the documents required is the action taken/action planned report from BoS on the feedback related to curriculum.

May I request you to provide a brief report on the planned actions to address the feedback mentioned in annexure-V for NAAC-SSR purpose. If you would like to have a discussion with us before submitting the report you are welcome to do so.

With best regards  
P D Naik

--  
Prof. P.D. Naik  
Dean, Homi Bhabha National Institute  
Bhabha Atomic Research Centre  
Trombay, Mumbai 400 085  
Ph:+91-22-2559 5398  
Mob. : 9869 27 9233

---

From: "Ravi B Grover" <rbgrover@hbni.ac.in>  
 Subject: Re: Request to provide the planned actions to address the feedback  
 Date: Thu, June 4, 2020 2:54 pm  
 To: "Prof. P.D. Naik" <pdnaik@barc.gov.in>  
 Cc: "P R Vasudeva Rao" <prvasudeva.rao@gmail.com>, "P R Vasudeva Rao" <vasudeva@hbni.ac.in>

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### ACTION TAKEN REPORT BY BoS-APPLIED SYSTEMS ANALYSIS

Dear Prof Naik,

In the most recent meeting of the BOS, we decided to organise a course on Nuclear Law. This was done based on the feedback from stakeholders. The course was open to all units of DAE and we had participants from BARC, NPCIL, AERB, HWB, BRIT, NFC, and IGCAR. Participants from IGCAR and NFC participated in the course respectively from Kalpakkam and Hyderabad.

Lectures were delivered in Mumbai and through video link, transmitted to the other two locations. There is a demand to repeat the course this year and we may do it again.

Stakeholders have also requested for a course in project management and that is at the planning stage.

Warm regards,

RB Grover  
 Convenor BOS(ASA)

> Dear BoS-Conveners  
 >  
 > Hope this mail finds you safe and in good health.  
 >  
 > This is with reference to my earlier e-mail regarding the action expected  
 > to be taken by BoS concerning feedbacks on the academic programs of HBNI,  
 > a copy of which is attached with this mail. The results of the feedback  
 > obtained from the stakeholders are presented and analysed in Annexures  
 > I-IV and attached for your information.  
 >  
 > The actions expected from BoS concerning the curriculum and examination  
 > related feedback, where the average feedback score was less than 2.5, are  
 > given in Annexure V, for your appropriate actions.  
 >  
 > As you are aware, we are shortly going to submit NAAC-SSR for NAAC  
 > accreditation and one of the documents required is the action taken/action  
 > planned report from BoS on the feedback related to curriculum.  
 >  
 > May I request you to provide a brief report on the planned actions to  
 > address the feedback mentioned in annexure-V for NAAC-SSR purpose. If you  
 > would like to have a discussion with us before submitting the report you  
 > are welcome to do so.  
 >  
 > With best regards  
 > P D Naik  
 >  
 > --  
 > Prof. P.D. Naik  
 > Dean, Homi Bhabha National Institute  
 > Bhabha Atomic Research Centre  
 > Trombay, Mumbai 400 085  
 > Ph:+91-22-2559 5398  
 > Mob. : 9869 27 9233

--  
 Ravi B Grover



From: "meena" <meena@imsc.res.in>  
 Subject: Re: Request to provide the planned actions to address the feedback  
 Date: Tue, June 9, 2020 10:31 am  
 To: "P D Naik" <pdnaik@barc.gov.in>, "P R Vasudeva Rao" <prvasudeva.rao@gmail.com>  
 Cc: vasudeva@hbni.ac.in, "D Surya Ramana" <suri@hri.res.in>

---

## ACTION TAKEN REPORT BY BoS-MATHEMATICAL SCIENCES

Dear Dr Naik, and Dr Rao,

I apologise for the long delay in getting back to you on this.

I discussed the feedback with Prof Surya Ramana, co-convenor of the BoS MathSciences. Below is a paragraph detailing "planned action"; I hope this will be adequate for the NAAC SSR. The main thing we are planning is that reviews will be done annually as opposed to once in a few years.

The Board of Studies, Mathematical Sciences, has noted the student feedback pertaining to curriculum. The Board reiterates its commitment to implementing a curriculum that is best suited for preparing students to become top-notch researchers and educators in mathematics and computer science. It plans to streamline this process henceforth.

Once a year, the curricula of all programmes under this Board of Studies will be reviewed.

(IMSc: PhD Math, IPhD Math, PhD tcs, IPhD tcs.  
 HRI: PhD Math.  
 NISER: PhD Math, PhD cs, IPhD cs.)

For existing core and elective courses, the syllabi will be reviewed and modified wherever it is felt necessary.

Based on research trends, if new elective courses are warranted, they will be designed and introduced.

With regards,  
 Meena

On Sun, May 24, 2020 at 10:23:14PM +0530, Prof. P.D. Naik wrote:

> Dear BoS-Conveners  
 >  
 > Hope this mail finds you safe and in good health.  
 >  
 > This is with reference to my earlier e-mail regarding the action expected  
 > to be taken by BoS concerning feedbacks on the academic programs of HBNI,  
 > a copy of which is attached with this mail. The results of the feedback  
 > obtained from the stakeholders are presented and analysed in Annexures  
 > I-IV and attached for your information.  
 >  
 > The actions expected from BoS concerning the curriculum and examination  
 > related feedback, where the average feedback score was less than 2.5, are  
 > given in Annexure V, for your appropriate actions.  
 >  
 > As you are aware, we are shortly going to submit NAAC-SSR for NAAC  
 > accreditation and one of the documents required is the action taken/action  
 > planned report from BoS on the feedback related to curriculum.  
 >  
 > May I request you to provide a brief report on the planned actions to  
 > address the feedback mentioned in annexure-V for NAAC-SSR purpose. If you  
 > would like to have a discussion with us before submitting the report you  
 > are welcome to do so.  
 >  
 > With best regards  
 > P D Naik  
 >  
 > --  
 > Prof. P.D. Naik

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# TATA MEMORIAL CENTRE

TATA MEMORIAL HOSPITAL

AND

ADVANCED CENTRE FOR THE TREATMENT, RESEARCH & EDUCATION IN CANCER

**Dr. Shripad D. Banavali**

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9<sup>th</sup> June, 2020

To:

**Prof. P.D. Naik**

Dean

**Homi Bhabha National Institute**

**2<sup>nd</sup> Floor; BARC Training School Complex**

**Anushaktinagar; Mumbai 400094. INDIA.**

Re: Planned Action by BoS to Address Feedback provided by Students with < 2.5 Average Score:

**Dear Prof. Naik,**

Sending along with the actions planned by Board of Studies, Health Sciences, in regard to the feedback provided by students specifically for Parameters in which the average score was <2.5:

## **1. There are adequate options for electives covering wide spectrum of subjects.**

**Score: 2.22 / 4**

The courses conducted by Tata Memorial Hospital are all in the field of Oncology. Since this is a vast field with innovations happening every day, lot of stress is placed on the concerned subject only. As per the feedback given by students, they want to have more exposure to various related fields. Therefore, students will be allowed to take up more elective rotations in allied fields like Radiation Oncology, Molecular Laboratory, Palliative-care for students doing DM in Medical Oncology. Similarly, for students in other courses.

## **2. The curriculum can be recommended to continue without change.**

**Score: 1.85 / 4**

Most students have given a strong feedback that the present curriculum should be changed. The BoS has taken this seriously. We have already started Fellowships in certain fields which were not part of the courses run by TMH, however would be of immense practical value: Like Fellowship in Pulmonary Oncology; MSc in Onco-Physiotherapy / Occupational Therapy, etc. In addition, along with teaching course-related curriculum (which TMH does very well), newer material like Medical

Humanities, developing soft-skills like communication skills, stress management, time management, etc. are being added.

**3. The curriculum provides necessary foundation for employability.**

**Score: 2.06**

Though, we have a record of hundred percent employment for all our students completing various courses provided by TMH, one has to agree that the field is getting saturated and the students will have to have some more qualifications than those graduating from other universities. Therefore, the BoS has started and is in the process to gain approval for the students to have additional qualifications like breast oncoplastic surgery fellowship, base of skull surgery fellowship, pulmonary oncology fellowship, stem cell transplant fellowship, onco-immunotherapy fellowship, geriatric oncology fellowship, etc. These fellowships will make our students stand apart from those obtaining standard qualifications.

**4. The courses are likely to encourage to take-up entrepreneurial activities/ startups.**

**Score: 2.11 / 4**

Though practicing oncology requires Team work, in the near future we need many such teams to start practicing in the second and third tier cities. Thus we need to train our students to take-up entrepreneurial activities. Lectures by eminent entrepreneurs will be arranged regularly to create awareness to the students about opportunities and challenges in setting up start-ups.

**5. The examination system of the course does not put in any undue stress.**

**Score: 2.14 / 4**

The rigor in the course is purposefully introduced to maintain high academic standards. Lectures on stress management will be introduced to guide the students in handling the stress. A reasonable weightage will be given to continuous assessment, thereby reducing the stress on final examination. Also in the near future, we will try to change the examination pattern in such a way that more stress is given to make sure that students will be able to apply their knowledge more effectively in day to day management of their patients.

Thanking you in anticipation,

Yours truly,



**Prof. Shripad Banavali, MD**

**Convener Board of Studies (Health Sciences), Homi Bhabha National Institute**