Minutes of Alumni Interaction meeting held on 14th Nov. 2023

The HBNI Alumni Interaction meeting was held through online mode on 14th Nov. 2023, Tuesday. The meeting was held in HBNI Council Hall in two sessions at 10:30 am and 4:30 pm each of 2 hrs. duration (same meeting was conducted twice to take into account the different time zones of Alumni). The following persons from HBNI and Alumni participated in the meeting:

HBNI Officials:

Prof. U. Kamachi Mudali (Vice Chancellor)

Prof. P.D. Naik (Dean)

Prof. D.K. Maity (Asso. Dean)

Prof. Dipanwita Dutta (Asso. Dean)

Prof. Naveen Kumar (Asso. Dean)

Prof. B.K. Nayak (Asso. Dean)

Prof. Sunil Kumar Ghosh (Asso. Dean)

Prof. Haridas Pal (Ass. Dean)

Prof. Anshu Singhal (Asstt. Dean)

Shri. Suresh Nair (Deputy Registrar)

Alumni Ambassadors:

Morning session (10:30 - 12:00 am)

1. Dr. Avinash Singh (Ph.D. from BARC in 2018) Assistant Professor, SRM University, Delhi, India.

2. Dr. Ayushi Vashistha (Ph.D. from IPR in 2022) Computational Plasma Physicist, Applied Materials, Bangalore, India.

3. Dr. Ganga Babu Vamisetti (Ph.D. from BARC in 2018) Chief Scientist and VP- Business Development, Combiosz Co. Ltd., China.

4. Dr. Jagadeesh Sure (Ph.D. from IGCAR in 2014) Scientist in Dept. of Nuclear Engineering and Engineering Physics, University of Wisconsin-Madison, USA.

5. Dr. Kaushik Chanda (Ph.D. from SINP in 2021) Postdoctoral Scientist, UF Scripps Biomedical Research Institute, Florida, USA.

6. Dr. Nikhil Sangith (Ph.D. from ACTREC in 2015**)** Co-founder of a company with Sweden Collaboration and Anna Univ., Xact Diagnotek Pvt. Ltd., Incubated in Anna Univ., Chennai, India.

7. Dr. Pritam Palit (Ph.D. from SINP) Post-Doc Research Fellow in Carnegie Melon Univ., USA.

Afternoon Session (4:30 pm – 6:00pm)

1. Dr. Arunabha Saha (Ph.D. from VECC in 2018) Asst. Prof. ICFAI University, Tripura, India.

2. Dr. Biswajit Banerjee (Ph.D. from SINP) Postdoctoral Research Fellow at Garn Sasso Lab, Italy and working with LIGO project.

3. **Dr. Gonna Somu Naidu** (Ph.D. from BARC in 2018) Postdoctoral Research Fellow at Tel Aviv University, Israel.
4. **Dr. Indrajit Sahu** (Ph.D. from ACTREC in 2015) Asst. Prof. at SRM-IST Univ., Chennai, India.
5. **Dr. Satyananda Kar** (Ph.D. from IPR in 2007) Asso. Prof. at Material Science Dept., IIT Delhi, Delhi, India.
6. **Dr. Ujjwal Sinha** (Ph.D. from IPR in 2008) Post Doc Scientist at Julich Supercomputing Centre, Germany.
7. **Dr. Zinoop Aracal Narayanan** (Ph.D. from RRCAT in 2021) Lect. at Teesside Univ., UK.
8. **Dr. Ekta Bhatia** (Ph.D. from NISER in 2019) Post doc at Sunny Research Foundation, USA.

Prof. Dipanwita Dutta, Asso. Dean, HBNI, welcomed the Alumni Ambassadors and participants from HBNI and invited Hon'ble VC to give opening address. Prof. U. Kamachi Mudali, Vice-Chancellor, HBNI welcomed all Alumni Ambassadors and thanked them for agreeing to become Alumni Ambassador and mentoring the current HBNI Ph.D. students for placement. Alumni and HBNI Officials present then introduced themselves. Prof. Dipanwita Dutta made a short presentation about the placement activities of HBNI and demonstrated the placement website operation and option of Alumni registration and posting jobs in placement website. She pointed out what is expected from Alumni. Following which Prof. P.D. Naik, Dean, HBNI also made his remark on different possible roles of Alumni. VC then initiated the interaction session with the Alumni one by one. Each Alumni gave his/her suggestions and explained their possible role and contribution. Finally, Shri Suresh Nair, Dy. Registrar gave vote of thanks.

Following are the suggestions made by Alumni during the interaction:
   i) Collective job fair where Alumni, Recruiters, Students can join and students can directly talk to recruiters,
   (ii) HBNI can facilitate organizing visit or lecture of PI's in India which will help the student to get post-docs and bridging connections,
   (iii) Alumni or Industry people can provide training to students to enhance the job prospective (e.g., semiconductor industry knowhow),
   (iv) Convocation,
   (v) International collaboration, HBNI Alumni can be Second Man of that collaboration,
   (vi) Bilateral Collaboration—HBNI and Gran Sasso (for example) which will open up many jobs and post-doc opportunities for students of HBNI,
   (vii) Conduct Yearly seminar/ Webinar series on entrepreneurship,
   (viii) HBNI can provide seed money for Start-ups- it will help students,
   (ix) Alumni Association, Annual Alumni Meet, Alumni Fund,
   (x) HBNI can provide second time travel to only selected students (travel award) after submission of synopsis--will help students to get job/post-doc.

Alumni are ready to provide following help to Ph.D. students:

(i) providing current news of vacancy,

(ii) guiding and mentoring the students for writing CV, to face interview, to prepare for jobs,

(iii) providing help in getting post-docs or sharing news of post-docs,

(iv) send Links of the specific website for placement opportunities as example- nature carrier fair or science carrier fair,

(v) help for Start-up,

(vi) providing contacts for internship and/or provide internship,

(vii) one-to-one session between alumni and students – alumni fill a spread sheet with their expertise and students from same field can interact with the Alumni for details of jobs and prospects in that field,

(viii) providing help to the student in Mental Health issue or HBNI can organize Mental Health Workshop for PhD students where Alumni can help,

(ix) networking with Alumni,

(x) aware of Prestigious fellowships (JSPS etc.)—Alumni can give information to students at proper time,

(xi) giving update of upcoming new online courses so that student can register and learn those courses,

(xii) Resource Repository, Open Source (git-hub).

Suggestions by Alumni about Skill Development/ Improvement of CV:

(i) Teaching Experience,

(ii) Supervision/Co-supervision,

(iii) Abroad Internship, DAAD etc. – Alumni can help in providing information,

(iv) Quality Research—HBNI can give encouragement by giving award to students,

(v) Membership in professional bodies,

(vi) Collaborative papers with other recognized institute in India – will attract more University rankings.

Suggestion by Alumni about new courses:

(i) Quantum Information/Quantum Technology, (ii) Artificial Intelligence /Machine Learning, (iii) Entrepreneurship, (iv) Data Science.