



Alma Communiqué

Alumni Newsletter (Aug. 2021)



*Glory of the past,
through the eyes of the future!*

Institute Updates



1. An endowment award in the memory of Late Aditya Kumar Awasthi (MET '49) was announced by his sons - Sh. Avanish Kumar Awasthi (Additional Chief Secretary, Home Department, Government of Uttar Pradesh), Sh. Manish Kumar Awasthi, and Sh. Ashish Kumar Awasthi (Director, IBM, USA), and family at a formal function held in the Institute on 31st August, 2021. An award of Rs. 1,00,000 (One Lakh) will be given every year at the Convocation to the topper of B.Tech. Fourth Year Metallurgical Engineering.



2. A research team from the Department of Mechanical Engineering has made an ergonomically designed seat for weavers to provide them with back support, making them less prone to work-related musculoskeletal disorders. This will aid in increased productivity among the weavers by alleviating their strenuous physical activity over a pit loom. This chair has been made in such a way that all weavers can set it according to their size.



3. A research team from the Department of Mechanical Engineering has developed a technology for embedding quality marks and manufacturing detail tags in the fabric of Banarasi sarees. The consumers will get various details like the year and location of manufacturing and tags of originality for the sarees through QR codes, GI logos, handloom sign logos, and the silk logo. Since these details will now be available on every buyer's mobile phone, they will appreciate the original handloom works readily.



4. A team of researchers from the Department of Biochemical Engineering has successfully used micro-algae and Machine Learning to treat wastewater. The devised method can remove up to 90% of impurities and provide high-quality compost in the form of micro-algae biomass. The research can be utilised in large-scale wastewater treatment. The conditioned water can then be used for cleaning and irrigation purposes or be discharged safely back into the rivers meeting WHO standards.



Connect back with your Alma Mater

Alumni can now connect with their fellow batchmates by registering themselves on the official alumni portal created by the office of Dean (Resource & Alumni Affairs). It will keep the alumni updated about the various developments in the Institute.

Link to the portal - <https://alumni-reg.iitbhu.ac.in/>

Endowment Chair

The Institute invites proposals from the alumni to support the approved Centenary Chairs. They may also propose a New Chair in an area of research proposed by them by creating an endowment fund for the same as per Institute guidelines. The received proposals will be finalized after due consultations from the donors. The minimum endowment fund required as of date to propose a chair is INR 2.5 crores to meet out the annual expenses related to the chairs. The received proposals will be finalized after due consultations from the donors.

The donors (Alumni/Industry/Philanthropists) may propose new chairs depending upon their focus, interest, and/or intent, especially in upcoming areas of research like 'Artificial Intelligence in Computer Science and Engineering', or any other discipline, after mutual discussions. The donors shall have the right to name the chair they endow. The faculty member appointed against that chair will be called "XYZ Chair Professor". Following the endowment of the chair, the Institute will provide the appointed chair/incumbent an annual grant from the interest earned through the endowment fund. The usage of the same will be in accordance with the prevailing Institute guidelines.

Documents containing the complete information regarding the proposals and guidelines are attached below:

1. [Call for Proposals \(General\)](#)
2. [Call for Proposals \(Artificial Intelligence Chair\)](#)
3. [Institute Guidelines](#)

Research and Development

Research and Development have always been the linchpin at IIT (BHU), Varanasi. The Institute has sought to align its R&D focus on the primary goal of nation-building and has undertaken several projects to put that to effect.

Department	Name of Funding Agency	Period of the Project Sanction
CHY	DST	5 years
CIV	SERB	3 years
CIV	Dhirendra Group of Company	1 years
CIV	DST	1 years

Sanctioned Projects

Consultancy/Testing Projects



The Institute filed three patents and got four patents published between 1st June and 31st July, 2021. Patents were filed in the Ceramic Engineering and Electrical Engineering Departments and were published in the Mechanical Engineering and Electronics Engineering departments and the School of Biochemical Engineering.

Apart from this, IIT (BHU), Varanasi and Applied Materials India Private Limited signed a Memorandum of Understanding (MoU) on 15th July, 2021, initiating a two-year national collaboration. The MoU aims at improving research collaboration in the domain of Material Science.

Placement/Internship Updates

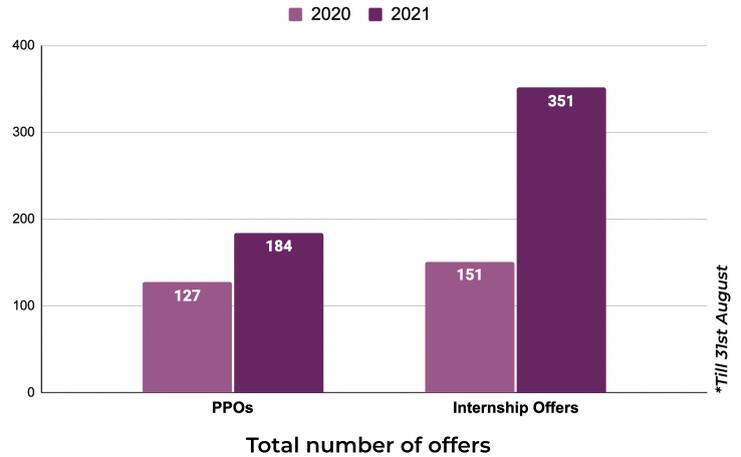
The Institute has witnessed tremendous opportunities, with offers from various well-known companies across several domains, including Software Engineering, Analytics, Data Science, Consulting, and Core Engineering.

Package	PPO	Internship
Maximum	Rs. 45,97,000 p.a.	Rs. 2,00,000 p.m.
Average	Rs. 23,22,113 p.a.	Rs. 79,626 p.m.

Maximum and average package offered

Reputed companies like Microsoft, Google, Goldman Sachs, Sprinklr, Trilogy, Procter and Gamble, De Shaw, Salesforce, Uber, Indeed, ITC, Instabase, APT Portfolio, Nutanix, American Express, Flipkart, Oracle, Wells Fargo, Tower Research, HUL, CISCO, Texas Instruments, MasterCard, Disney+Hotstar, Qualcomm, UiPath, Intuit, Nvidia, Newzera, Bajaj, Myntra, Standard Chartered, ServiceNow, MyKaarma, Mathworks, Amazon, Fractal Analytics, BNY Mellon, TATA AIG, Visa, Citrix, Mentor Graphics, Societe Generale, WINZO Games, etc. have offered internships and placements to the students.

The number of internship offers has increased considerably from 151 in 2020 to 351 this year, as of the 31st August. The PPOs received by the students have also increased from 127 last year to 184 this time around.



Media Section



Seat for weavers



Weaved QR code and logo



Alumni Visiting Faculty Program



Endowment Award in Memory of Late Aditya Kumar Awasthi (Metallurgy 1949)

Students' Updates

E-Cell launched its flagship 'Build with Us!' initiative. CaseEx and Research'O'Mania competitions were conducted. The Founder's Speak sessions were continued with Mr. Guru Sankararaman, Co-Founder of Tekion Corp., and Mr. Amit Kumar Agarwal, Co-Founder of NoBroker.com. A 4-day



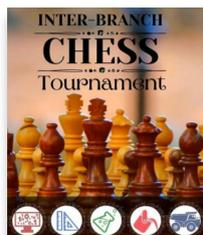
bootcamp on Blockchain and Supply Chain Management was also organized. AMA series was continued with sessions by Ms. Shivanshi Verma, Co-Founder of Yoboshu, Ms. Shreya Mahendru, Founder of Kazoop App, and Mr. Ravi Kaushik, Founder of AiRTH. A workshop for the Department of Industrial Chemistry was held as a part of the 'Know Your Department' series.

The Student Counselling Services organized 'Acing Internships' sessions to help the students prepare for the internship season. As a part of 'Striding towards the path of Research', a webinar was conducted by Ms. Shloka Negi for the Department of Pharmaceutical Engineering. Webinars were also organized on financial literacy and opportunities in foreign universities. #IITBHUREADS4.0, a 28-day book reading challenge, was launched. A social media platform, 'Heart Out', was launched for the students to share any repressed emotions, talents, or pieces of wisdom.

The Film and Media Council hosted a 5-day design bootcamp discussing the intricacies of designing and launched the 'Color in Cinema' series, highlighting the value of different colors in cinematography. The Council released videos on Friendship day and Independence Day and covered India's journey at the Tokyo Olympics. An article, 'The year that wasn't' was also released. The 'Places of India' series was continued and the 2nd edition of the photo-editing contest titled 'Hues and Tones' was launched.



The Cultural Council organized bilingual Speech and Poetry Slam competitions under the theme of 'Independence 2.0' and 'Journey of India: Shackles to Skies', and released a dance video titled 'FREEDOM in the Mind, FAITH in Words and PRIDE in our souls'. The 'India Quiz' was also conducted. Four students of the Cultural Council were selected to participate in the AIU (Association of Indian Universities) National Camp for the 'Swaraj to Atmanirbhar Bharat Tak' initiative. Further, 'Pratibimb', 'Kalakriti', 'Move 4.0', and 'Symphony' were organized online.



The Games and Sports Council conducted Fit India Freedom Run 2.0 as part of the 'Azadi ka Amrit Mahotsav' initiative. The Chess Club organized an Inter-Branch Chess tournament, which saw the participation of more than 250 students. The Club also stood second amongst all IITs upon completion of the QCT finals.

At the Social Service Council, the volunteers of Sahyog and Kashi Utkarsh celebrated Independence Day with the students. The Edunovation series was launched under which social media posts about various NGOs working in the education sector are released. Yoga videos were also shared with Government schools, and the children responded with videos on what they had learned.

ShARE IIT BHU organized various sessions for the students, guiding them on interview preparation, applications to off-campus internships, and behavioral science basics. The sessions witnessed a participation of 200+ students each.



Alumni Updates

Alumni Association of IIT (BHU), Varanasi

Website of the central alumni association is now live. You may find the latest notification about the association along with the key objectives here: alumni.iitbhu.ac.in

SAIC conducted the third session on Core and Research covering the branches of Mathematics and Computing, Biomedical Engineering, and Engineering Physics. The Cell



launched an alumni guided mock interview program to help the students ease the placement and internship pressure. Under this initiative, the students get a chance to experience one-on-one mock interviews with our esteemed alumni. 240+ student and 60+ alumni volunteers have registered so far. More than 130 mock interviews have already been conducted.

Alumni Achievements

Dr. Manu K. Vora (CHE '68)



He was invited by the AICTE to serve on the NEP 2020 Implementation Plan Strategy Committee in 2020. Dr. Vora was nominated in 2021 as a Distinguished Expert for AICTE ATAL Academy Peer-Review Assessment of FDPs for 2021-2022. He has delivered 35 FDP Sessions in 2021,

including 13 Chief Guest addresses in 11 States and 2 Union Territories of India. In May and August 2021, he gave two invited presentations at AICTE on Effective FDP Design and Delivery and Implementation of NEP 2020.

Dr. T. N. Singh (MIN '91)

Dr. Singh was recently appointed the Director of IIT Patna by the Ministry of Education. He had completed his Ph.D. in Mining Engineering from IIT (BHU) and was also a faculty in the same department. He has been a Professor in the Department of Earth Sciences at IIT Bombay for several years.



Sh. Hitesh Windlass (CER '98)



Under his leadership as the Managing Director, Windlas Biotech Limited has launched its Initial Public Offering (IPO) on 4th August, 2021. Windlas Biotech is a leading manufacturer in pharmaceutical designs and ranks among the top 5 companies in contract development and

the manufacturing organization industry. Sh. Windlass is also an alumnus of the Georgia Institute of Technology and The University of Chicago Booth School of Business.

Inspiring Alumni



Sh. Akhilesh Mishra (MEC '89)

From the frolic of the streets of Banaras to the exuberance of diplomatic discussions, this is the story of Sh. Akhilesh Mishra.

While Banaras' carnival of life has pulled people for centuries, few get to be born in the laps of its immense stretches. Sh. Akhilesh Mishra was blessed enough to have taken his first steps in the city that's older than tradition itself. As the

years went by, he started developing a keen interest in science and soon joined IIT (BHU), Varanasi to pursue a B.Tech. in Mechanical Engineering. Having graduated in 1986, he went for a Master's in Mechanical in 1987. His remarkable 6 years ended in 1989 with him becoming a gold medallist in both of his degrees.

During the wholesome decades he spent in Banaras, he fell in love with Indian culture, philosophy, and poetry. These years had taught him to appreciate the underlying human will for embracing the contrast amongst any community. Along with all of this appreciation also came an urgent desire to nurture these treasures. Consequently, he sat for the Civil Services Exam. Sailing through with flying colors, he joined the Indian Foreign Services in 1989.

In 1991, he was dispatched for his first national duty as the Second Secretary in the Embassy of India in Lima, Peru. This marked the starting of a flourishing career lined with acts of incredible brilliance. He has been part of several diplomatic exchanges which have had their ripples still strike Indian shores. He served as the First Secretary in the Embassy of India in Kathmandu, Nepal, when we marked our 50th Independence anniversary. This tenure marked a period of great India-Nepal collaboration.

The synergy of cosmopolitanism in Banaras had taught him to embrace differences and to, in turn, thrive in their jolliness. Consequently, he is always amused by the culture and traditions of the country he is serving in. Hence, along with becoming very linguistically outstanding with knowledge of Nepalese, Spanish and Italian, it has made building long-lasting relationships and impressions very tranquil.

— To read more about his journey, [click here](#) —



Sh. Akhilesh Mishra visited the Institute recently, on 6th September, 2021. He had a meeting with the Director, IIT (BHU) and all the Deans/ Associate Deans of the Institute to discuss plans for a possible academic collaboration between IIT (BHU) and the universities/industries of Ireland. The Institute shall submit a proposal to him for the same.

Festivals @ IIT (BHU)



Kashiyaatra (previously known as Sparsh) is the annual Cultural festival of IIT (BHU), Varanasi. It is a four-day long socio-cultural extravaganza that first took place in 1983.



Spardha is the annual Sports festival of IIT (BHU), Varanasi. It was held for the first time in 1985 and since then it has become one of the largest sports fests of India.



Technex is the annual techno-management fest of IIT (BHU), Varanasi. Started in 1940, it is the oldest technical fest of Asia and one of India's grandest.

SAIC is grateful to the Director, Dean (Resource & Alumni), Alumni Associations, and the entire IIT (BHU) fraternity for their constant support and blessings. We look forward to your valuable feedback. To share information for future editions, reach us at alumnice11@iitbhu.ac.in.

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