



CELEBRATING CENTENARY

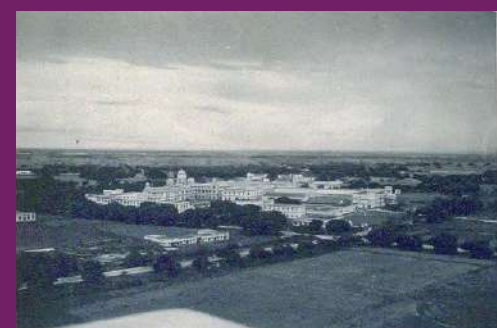
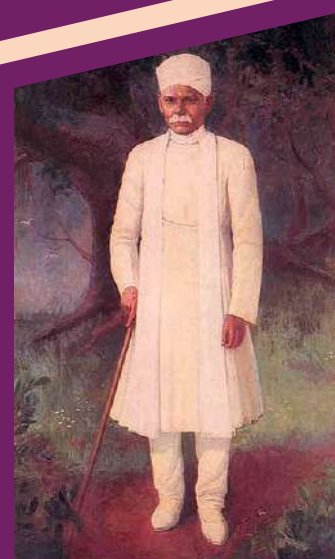


STUDENT ALUMNI INTERACTION CELL, IIT (BHU), VARANASI

Alma Communiqué

Alumni Newsletter (Dec '22)

Read about the joyous alumni reunions, research advancements of the Institute and feel pride in being a part of the glorious legacy led by Mahamana!



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

Institute Updates



1. An MoU was exchanged between IIT (BHU), Varanasi and the Ministry of Heavy Industries (MHI) for setting up a Centre of Excellence (CoE) on Machine Tools Design at IIT (BHU), Varanasi, under the MHI scheme for Enhancement of Competitiveness in Indian Capital Goods Sector Phase II. Prof. Pramod Kumar Jain, Director, IIT (BHU), and Sh. Vijay Mittal, Joint Secretary, MHI, exchanged the MoU in the presence of Dr. Mahendra Nath Pandey, Hon'ble Minister of Heavy Industries, and Sh. Kamran Rizvi, Secretary, Heavy Industries, on 30th December, 2022 in Udyog Bhawan, New Delhi. Under the scheme, a CoE on Machine Tools Design has been sanctioned for the development of three high-end Machine Tool technologies.

2. IIT (BHU), Varanasi and the Department of Consumer Affairs (DoCA), Ministry of Consumer Affairs, Food & Public Distribution (MoCA), signed an MoU on Knowledge Partnership for Digital Metrology in the presence of Union Minister Sh. Piyush Goyal during a function of the National Consumer Day at Vigyan Bhawan, New Delhi. Under this partnership, both IIT (BHU), Varanasi and DoCA will join hands to solve major legal metrology issues faced in consistent measurements, and product delivery at the minutest levels of an individual consumer.

3. E-Cell IIT BHU organized the annual entrepreneurship conclave of IIT (BHU), E-Summit '23, from 6th to 8th January, 2023, with the IIT-BHU Foundation as the principal sponsor. With the theme 'Augmenting Ambitions', the extravaganza featured amazing line-up of renowned unicorn founders, eminent venture capitalists, and prominent designation holders of leading companies across India, as part of the panel discussions, offline pitches, and startup showcases.

4. The IEEE Microwave Theory & Technology (MTT) Society Student Branch Chapter, IIT (BHU) received the IEEE MTT Society Outstanding Chapter Award 2022 at MAPCON 2022, Bangalore. The IEEE MTT Society Student Branch Chapter has also been selected for the Best Student Chapter Award 2022 by IEEE UP Section.

5. IIT (BHU) signed an MoU with the Bureau of Indian Standards (BIS) for introducing Indian standards as an integral part of research and teaching. The MoU is signed for the establishment of BIS Standardization Chair Professor at the Institute. The establishment of these Chair Professors will promote excellence and leadership in teaching and research & development in the field of science and various disciplines.

Alumni Reunions

Reunions are heartwarming get-togethers that bring old friends back to celebrate shared memories, rekindle friendships, and reconnect with the Institute. Returning to the place where memories await, emotions overwhelm, and ripples of nostalgia flow, the alumni relive the days spent at the place that they once called their second home.

After more than a year of separation and isolation, this year IIT (BHU) hosted alumni from various fields and geographies. Reunited after decades, they reminisced about their glorious days at the Institute. With spirits running high and nostalgia gripping, the former students of IIT (BHU) walked once again through the ancient streets of Banaras, rejoicing in its delicacies, and witnessing the grandeur of magnificent *Ganga Aartis*. They went on tours around the city for *darshan* at Kashi



Vishwanath, Sankat Mochan, and Sarnath.

Recently, the alumni of chemical and electronics engineering of the batch of 1997 visited for their silver jubilee reunion celebrations. The air



was charged with excitement and bursts of vibrant energy as the batch enjoyed a friendly cricket match at the Gymkhana grounds. They interacted with the Deans, the HoDs, and the faculty members of their department, and were taken back to their younger selves as they talked to the current students of the Institute.

SAIC helped organize lunches at the hostel mess, morning campus tours and assisted the alumni on their visits to various spots in Varanasi. They interacted with students and shared their life experiences - the struggles, the hard work and the success. Their faces lit up as they told anecdotes from their hostel diaries, recalling old jokes and nicknames from the days that went by.



The Institute witnessed several joyous reunions all year round, that brought together more than 150 alumni families to reminisce about the past and work towards taking their alma mater to greater heights through their contributions. Everyone connected, engaged, and truly celebrated the splendor of IIT (BHU), where moments became memories that will be etched in hearts for the rest of their lives!



Placement/Internship Updates

The 2022-23 placement season at IIT (BHU), Varanasi, saw 315 PPOs offered to the final year students by reputed companies. Till 6th January, 2023, a total of 1122 placement offers were made to the students by several companies, including Wells Fargo, Graviton, Google, Goldman Sachs, Plutus Research, Sprinklr, JP Morgan Chase & Co., Flipkart Internet Pvt Ltd, Accenture Japan Ltd., Navi, Confluent, AQR Capital, Microsoft, Mudrex, Airbnb, Thoughtspot, Uber, Rakuten, Oracle, Accenture Solutions and many more.

This year also saw 485 internship offers from 99 companies and 37 international offers. The maximum placement package offered was Rs. 1,20,00,000/- per annum and the average package was Rs. 23,33,309/- per annum.

Research & Development

Research and development acts as a catalyst to the growth of the country by nurturing creativity and fostering innovation. Keeping the prestige of the Institute high, the students and faculty have continued experimentation.

In December 2022, three patents were filed, while one patent granted. 15 other patents were also published in this month.

Department / School	Inventors	Filing Date
BCE	Dr. Vishal Mishra, Veer Singh, Prof. Mohan Prasad Singh	05-12-2022
CSE	Prof. Rajeev Srivastava, Divya Singh	14-12-2022
MST and Faculty of Veterinary and Animal Sciences (BHU)	Prof. Pralay Maiti, Avishek Mallick Choudhary, Subham Sekhar Mandal, Ravi Prakash, Amita Santra, Naresh K. Singh, Manoranjan Sahu	20-12-2022

Patents filed in December, 2022

A total of 57 testing and consultancy projects were carried out, which received a funding of Rs. 1,30,11,330.

Department	Name of funding agency	Period of the project sanction	Total cost of project in Rs.
CSE	UPCST	3 years	10,44,000
CSE	SERB	3 years	48,38,064
MEC	BRNS	3 years	40,50,800
MET	Vanitee Limited, U.K.	3 years	92,96,854
MST	DRDO	2.5 years	88,47,860

Projects sanctioned in December, 2022

Keeping up with the rise in research and development activities, the Institute also signed three national MoUs in December 2022.

Agency	MoU tenure
Bureau of Indian Standards	10 years
Ministry of Heavy Industries (MHI)	3 years (up to 31-03-25)
Ministry of Consumer Affairs, Food & Public Distribution	5 years

MoUs signed in December, 2022

Innovation @ IIT (BHU)

The first RKVY-RAFTAAR Incubation Committee (RIC-1) for Cohort-5 startups was held on 7th December, 2022, at I3F, IIT (BHU), Varanasi. A total of 125 applications were received from different focus areas.

Out of the 43 startups that were invited to pitch their ideas in front of the committee, 24 startups were shortlisted for a

two-month orientation/residency program. The third RIC for 12 startups of Cohort-1, 2 & 3 was held on 8th December, 2022. The Committee recommended disbursement of the second tranche to 10 startups amounting to Rs. 31.20 lakh.



Media Section



Mou with DoCA for establishing CoE at IIT (BHU), Varanasi



MoU signed between MHI and IIT (BHU) for establishing a CoE

Faculty Achievements

Dr. Manoj Kumar Mondal, Professor at the Department of Chemical Engineering, has been elected as a Fellow of the Indian Institute of Chemical Engineers (IICChE) in recognition of his outstanding contribution for the advancement of chemical engineering knowledge and practice.



Dr. Pranjal Chandra, Associate Professor at the School of Biochemical Engineering, has been selected for the prestigious 'Prof. B.K. Bachhawat Memorial Young Scientist Lecture Award - 2022' by the NASI-Council. He would be given a medal, a citation and a cash award of Rs. 10,000 in a function to be organized in February, 2023.

Dr. Satyabrata Jit, Professor and former Head of Department of Electronics Engineering, was elected as a Fellow of the West Bengal Academy of Science & Technology (WAST) in a meeting held on 28th December, 2022.



Dr. Somak Bhattacharyya has been selected for the IEEE UP Section Outstanding Section Volunteer Award 2022. The award would be felicitated at the Annual General Body Meeting of the IEEE UP Section to be held at IIT (BHU), Varanasi on 20 January, 2023.

Dr. Vishal Mishra, Assistant Professor at School of Biochemical Engineering, has been selected for a membership in the Indian National Young Academy of Sciences (INAYAS) for a period of 5 years for his notable credentials and commitment of service to society.



Students' Updates



E-Cell IIT BHU revealed the dates and theme of E-Summit '23, the annual entrepreneurial conclave of IIT (BHU). The extravaganza, with the theme 'Augmenting Ambitions', was scheduled to be held from 6th to 8th January, 2023. Over 10 competitions of various kinds were launched for students across India under the

E-Summit '23, which witnessed tremendous participation from more than 8,000 students nationwide. The summit's pre-event was launched in collaboration with Slammit, exclusively for the students of IIT (BHU) to showcase their creativity and problem-solving skills by solving a case on fighting against piracy.

Student Counselling Services, IIT (BHU) conducted 'Remedial Classes' to help the first year students get comfortable with transitioning from school to college academics. This year's edition of the initiative saw a great response with over 50 academic mentors, conducting 45+ classes, with more than 1500 enrollments across 12 courses benefiting the registered students. To help students build healthy habits, they also conducted the '21 Days Habit Challenge', imbibing habits like digital detox, book reading, yoga and meditation, and exercise.



At the **Science and Technology Council**, the Club of Programmers (COPS) hosted a 48-hour hybrid hackathon



and two workshops as part of the Web3 Weekend. Moreover, the team from IIT (BHU) came among the top 10 in the Machine learning event at Techfest, IIT

Bombay. In collaboration with Summer of Bitcoin (SoB), COPS also organized a webinar on the 'Summer of Bitcoin Experience' with the founder of SoB as the speaker. A webinar on 'The Fundamentals of Web 3.0' was organized on 22nd December, 2022 in collaboration with Mudex, hosted by the co-founder and CEO of Mudex, Sh. Edul Patel. At the Robotics Club, an online RoboReg session was organized on 16th December, 2022, with the aim of introducing the first and second year students to the research wing of the club. Further, Team Artemis from IIT (BHU) was among the top 10 finalists at the National Robotics competition organized by Unacademy.



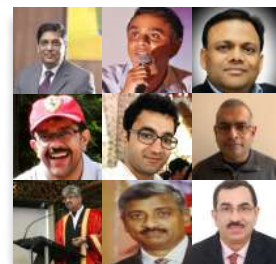
At the **Social Service Council**, Kashi Utkarsh organized a visit to Patiya basti on 4th December, 2022, to interact with the students and educate them. The Health & Hygiene Club is working towards making pet houses in every hostel from cardboard and ensuring that the puppies around the campus get

access to food in the harsh winters of Varanasi. Further, the Sahyog Club organized a visit to the Guria Foundation.

Alumni Updates

Student Alumni Interaction Cell (SAIC)

The Student Alumni Interaction Cell concluded another semester of the Alumni Visiting Faculty Program, with more than 700 students enrolling in the alumni-taught courses in the odd semester of 2022-23. The initiative was carried out in hybrid mode with 9 renowned alumni from different industries as visiting faculty, teaching 4 full-credit courses, providing students with industrial exposure and practical learning.



Alumni Support

In the memory of their classmate Lt. Dilip Iyer, the 1997 batch of Chemical Engineering contributed approximately Rs. 32 lakh for instituting the 'Dilip Iyer Endowment Scholarship'. This scholarship shall be given every year to a first year student of Chemical Engineering for four years of their B.Tech. program based on merit-cum-means criteria, given that the student does not have any backlogs and maintains a minimum CPI of 7.0.

Dr. Prabhat Kumar Tekriwal (MEC '82) contributed \$ 40,001 to IIT (BHU) Foundation to establish the 'Guru-Shishya Prof. P.C. Upadhyay and Dr. P.K. Tekriwal-1982 Scholarship' in honor in his teacher, Prof P. C. Upadhyay. This scholarship will be administered by the IIT (BHU) Foundation, USA under the IIT (BHU) Foundation Scholarship established last year by Sh. Nikesh Arora (EEE '89) with a contribution of \$ 2,000,000. The US \$ 40, 001 will be added to the original fund. The scholarship will be awarded based on means criteria only to two students of Mechanical Engineering to provide financial support and insurance for their four year stay at IIT (BHU).

Alumni Achievements



Dr. Deep Jariwala (MET '10), received the IEEE Nano Early Career Award 2023 by the IEEE Nanotechnology Council (NTC) for breakthrough contributions in logic, memory and photonic devices from low-dimensional semiconductors. The Early Career Award recognizes individuals who have made contributions with a major impact in the field of nanotechnology.

Dr. Pooja Singh (Ph.D. MAT '14) received the Woman Technologist of the Year award by IEEE India Council. This award is presented only to one woman candidate in India by IEEE. She also received the prestigious IEEE K. Shankar Meritorious Paper Award 2021, in Journal category, in India by IEEE.



Startup Success Story

Sh. Manish Gupta (MEC '94), co-founder of Indegene, a technology-led healthcare solutions provider, has filed for US \$ 375 million IPO in India, which is by far the largest by a software company since TCS IPO. Indegene works towards helping global healthcare organizations address complex challenges by integrating analytics, technology, operations and medical expertise.

Mahamana: against the tide, along with time



न त्वहं कामये राज्यं न स्वर्गं नापुनर्भवम् ॥
कामये दुःखतप्तानां प्राणिनामार्तिनाशनम् ॥

"I have no desire for Kingdom, no desire for Heaven, no desire for Moksha. The only desire I have is to mitigate the sorrow of the living beings who are grief-stricken."

Imbibing these words of Ved Vyas to the core of his heart, Bharat Ratna Mahamana Pandit Madan Mohan Malaviya Ji lived a life of extraordinary devotion and sacrifice for the nation and society. Malaviya Ji was one of the greatest leaders of our freedom struggle who shaped the values and ideals of modern India.

It was one of the darkest hours in the history of our country, a time of brutal oppression and tyranny. Our people were enslaved by a foreign power, their spirits crushed by humiliation and their hearts yearning to be free. It was in the gloom of this turmoil that a tiny lamp of hope was lit. In a humble home in Allahabad on 25th December, 1861, was born a man who would one day challenge the perpetrators of tyranny with the force of his moral strength and power of his oratory. He was a man with such lofty ideals and supreme human values that Gurudev Rabindranath Tagore bestowed upon him the title of Mahamana, which translates to luminous mind and magnanimous heart. This is the story of one of the brightest stars to shine on our land - "Bharat Ratna Mahamana Pandit Madan Mohan Malaviya Ji".

Being a bright student from a young age, he completed his education with flying colors and went on to study law at the Allahabad University. During his student days, Malviya Ji was deeply moved by the plight of his countrymen and the injustices inflicted upon them by the British colonizers. He became an active member of the Indian National Congress and began working tirelessly to bring about freedom and equality for all Indians.

As he grew older, he realized that his true passion was in the field of education. He believed that education was the key to unlocking the true potential of India and its people, and he devoted the rest of his life to improving the country's educational system.

Nestled on the banks of river Ganga, Malaviyaji envisioned a 'temple of learning', with a unique blend of ancient knowledge and modern developments in science and technology. A vision beyond the feathers of time to link the heritage of ancient wisdom with modern development of science and construct a nation united by the force of integrity, courage, intellect, and harmony. He worked tirelessly to establish new schools and colleges, and his efforts finally bore fruit in 1916. Over a century back, Malviya Ji laid the foundation for the emergence of a vibrant new India, and established what later came to be known as the pillar of Indian pride - the Banaras Hindu University. This was undoubtedly the birth of the science and technological revolution in India, earning Malviya Ji the title of 'Rashtriya

Guru'. This visionary man will always be remembered as the architect of the first national educational policy, and the founder and the ideal Vice Chancellor of Asia's largest center of learning - Banaras Hindu University - the premier institution that initiated agricultural, scientific and industrial revolution through education. With a solemn resolve throughout his life, and without being disheartened for a moment, he dedicated himself whole-heartedly to the service of our country.

Never has any man loved his country with such fiery passion and served his people with such selfless devotion. Never has any man achieved as much - an astute politician, a visionary educationist, a passionate patriot and a powerful orator - and won as many hearts in a single lifetime.

Malviya Ji's legacy has endured his vision of a strong, free, and intellectually and economically powerful India has come true. His profound love for India and his selfless striving to uplift his fellow citizens will remain an inspiration for generations to come.

"Though he may no longer be with us, he will live in the proud structure of free India. May we be worthy of him."

- Pandit Jawahar Lal Nehru



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 alumni@iitbhu.ac.in.

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