



Alma Communiqué

Alumni Newsletter (Nov '24)

Institute Updates



1. The Institute Day Care Center 'Little Blossoms' was inaugurated by Prof. Amit Patra, Director, IIT (BHU), on the occasion of Children's Day. This Day Care Center is strategically located at Quarter No. A-9, Principal Colony, on the campus, due to its security features, and ample space to facilitate indoor and outdoor activities for the children. The facility includes learning, playing, meals, sleep, and hygiene provisions. Further, CCTV cameras have been installed, and trained daycare workers (female staff) with experience in early childhood care and nursing have been appointed to ensure personalized attention for each child. The center would operate from 9 AM to 6 PM, offering full-day, half-day, and daily basis options for children on a payment basis.



2. The Institute was honored to welcome Kashi Naresh, HH Maharaja Anant Narayan Singh, who recently visited the Mechanical Department's workshops. During his visit, he explored vintage machinery and classic automobiles gifted to Bharat Ratna Mahamana Pt. Madan Mohan Malaviya Ji when the Institute was first established. The Kashi Naresh family has significantly shaped Varanasi's educational legacy through their substantial contributions to the Banaras Hindu University (BHU). The Institute deeply appreciates its legacy and looks forward to continuing this remarkable journey of knowledge and growth.



INDIAN INSTITUTE OF TECHNOLOGY
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Inauguration of Mahadev Lal Schroff statue by Hon'ble Director on 6 December 2024

3. On 6 December 2024, the statue of the Father of Pharmacy, Mahadev Lal Schroff was inaugurated by Prof. Amit Patra, Director, IIT (BHU), Varanasi, at the Department of Pharmaceutical Engineering. Prof. Patra also inaugurated the statue of Maa Saraswati at the same time. Esteemed alumnus, Sh. Chandrakant Trivedi (PHE '79), donor of both the statues, and Sh. Naveen Bhai Shah, CEO of Ron Pharmacy, along with the other dignitaries attended the inaugural ceremony.



INDIAN INSTITUTE OF TECHNOLOGY
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IIT (BHU), Varanasi secures 73 patents by November in 2024, averaging one patent grant every 5 days

4. IIT (BHU), Varanasi has achieved a significant milestone by securing 73 patents by the month of November in 2024, demonstrating an impressive average of one patent grant every five days. These patents span diverse and critical fields, including Bio engineering, Computer Science, Mining, Metallurgy, Electronics and Physics, highlighting the Institute's commitment to pioneering research and innovation.

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.



Click/Scan QR code

Internship/Placement Updates

The Training and Placement Cell at the Institute worked tirelessly to conduct the placement season for the academic session 2024-25. As of 12 December 2024, 1010 placement offers (including PPOs) and 402 internship offers were received. The highest offered CTC stood at Rs. 1.65 Crores per annum with the average CTC reaching Rs. 34,00,000 per annum by 5 December 2024. Top recruiters included firms like Ui Path, D.E. Shaw, Google, Oracle, Intuit, Fidelity, JLR, Decimal Point, Samsung, Microsoft, Rubrik, Flipkart, etc.

Research and Development

Deep and innovative research at the Institute has always been seen as a catalyst in transforming societies, and thus, the encouragement of development projects is considered quintessential. Hence, a significant increase in research/consultancy projects has been observed.

Between 1 November 2024 and 30 November 2024, four patents were filed, and three were granted.

Patents Filed in November

Faculty	Department/School	Filing Date
Dr. Rajesh Kumar Pandey, Varun Makkar, Arya Tewary	Department of Mathematical Sciences	04-11-2024
Dr. Vishal Mishra, Ms. Aditi Yadav	School of Biochemical Engineering	12-11-2024
Dr. Vishal Mishra, Prof. Abha Mishra, Sonam Mishra	School of Biochemical Engineering	27-11-2024
Dr. Sudip Mukherjee, Lipi Pradhan, Sumit Manna	School of Biomedical Engineering	29-11-2024

Patents Granted in November

Title	Filing Date	Granting Date
A process for efficient BioRemediation of Cheese Wastewater	12-09-2019	29-11-2024
An Eco-Friendly method of fabricating Mullite Foam and a product thereof	08-04-2020	30-11-2024
Nanomaterials and Low Electric field based Multi-Layer Face Masks and a process of fabrication	14-04-2020	11-11-2024

A total of 241 testing and consultancy projects were undertaken this month, securing a total funding of Rs. 3,92,81,414. Additionally, 9 projects were officially sanctioned, with a cumulative funding of Rs. 4,26,56,362.

Projects Sanctioned in November

Title of Project	Funding Agency	Period of the Project	Total cost of Project in Rs.
Machine Learning - Driven Capacity Assessment for Lightweight shell structures	DST	02 years	13,36,000
Developing a Life Cycle Assessment (LCA) Framework for Waste Management Technologies in India	PSA-Gol	--	40,76,700
Courses on Indian Chemistry, Material Science and Metallurgy	IKS	02 years	18,00,000
Machine Learning Enabled Next-Generation IoT Communications	CEFIPRA	03 years	16,42,560
Jalnidhi Bitumen Specialties Pvt. Ltd. (MoU)	JALNIDHI	05 years	6,00,000
Study of advanced testing methods and procedures for three phase squirrel cage induction motor for centrifugal pumps for Agriculture application	BIS	06 months	9,90,000
Design and Development of IoT accessed secure E-Finance Platform for managing severe acute malnutrition among vulnerable tribes population in Chattisgarh	IBITF	02 years	6,23,920
IPSA-Kumbh: Mapping the Impact of Floating Population on Sewerage during Maha Kumbh 2025	NMCG	01 year	3,02,01,182
Ultra sound assisted crystallization of anti-hypertensive drugs to improve their solubility and industrial processability	CST-UP	03 years	13,86,000

Furthermore, 1 MoU was signed this month between the Institute and the Central Ground Water Board on 19 November 2024 for a period of 3 years.

Media Section



IIT (BHU) has secured 73 patents by November 2024



IIT (BHU) students receive 907 offers by 5 December 2024

Innovation

Ideation Innovation & Incubation Foundation (I-3F)



The first online RIC meeting of shortlisted startups COHORT-7 was organized on 27 and 28 November 2024, at Committee Hall, I-3F, IIT (BHU), Varanasi. A total of 43 startups were shortlisted in the primary screening and attended the 1-month training program. Furthermore, 31 startups presented their ideas before

committee members, who recommended 25 startups for the final presentation that is scheduled for December.

The committee also reviewed the progress report of ten startups from previous COHORTs and recommended them for the next tranche of funding, amounting to Rs. 43.6 lakhs. Additionally, a startup, M/s Allywing Solutions Pvt. Ltd., participated in the 13th National Seed Conference at the International Rice Research Institute, Varanasi, from 28 to 30 November 2024.



Faculty Achievements



Dr. Ankit Gupta, Associate Professor and MoRTH Chair Professor, Department of Civil Engineering, was bestowed with the First Prof CEG Justo Medal by Sh. Nitin Gadkari, the Hon'ble Minister of Road Transport and Highways at the 83rd Annual Session of India Roads Congress (IRC). Dr. Gupta shared the award with co-

authors Dr. Satyajit Mondal, Assistant Professor at NIT Patna and Prof. Manoranjan Parida, Director of Central Roads Research Institute, Delhi for significant contributions to the understanding of urban traffic dynamics through their paper 'Estimation of Saturation Flow in Mid-Sized Cities under a Significant Proportion of Small-Sized Vehicles.'

Dr. Ashutosh Kumar Dubey, Head of Department & Associate Professor, Department of Ceramic Engineering, has been appointed as the Vice Chair of the Bioceramics Division of the American Ceramic Society. This highly esteemed role acknowledges Dr. Dubey's significant contributions and expertise in bioceramics, enhancing the understanding of bioceramic materials and their innovative applications in the medical and dental fields.





Dr. Bidya Binay Karak, Associate Professor at the Department of Physics, achieved the Young Researcher (U40) Award from the Association of Asia-Pacific Physical Societies (AAPPS) Division of Plasma Physics (AAPPS-DPP) for his fundamental studies of the flux transport dynamo mechanism in the Sun and other stars to provide theoretical explanations for different aspects of the solar and stellar cycles. He is the first Indian recipient of this award. The award ceremony occurred at the 8th Asia-Pacific Conference on Plasma Physics in Malacca, Malaysia, from 3 to 8 November 2024.

Student Updates

E-Cell IIT (BHU) developed exciting initiatives this month aimed at fostering entrepreneurship and innovation. Meets of student startups with mentors were conducted under the Build With Us Cohort Initiative. Preparations were continued for Startup Junction on 20 December 2024 in Pune and Bengaluru, and VC Bootcamp, both serving as key pre-events for E-Summit 2025. Additionally, the Campus Ambassador Program was finalized to expand the outreach and engagement of the cell across the campus.



At the Student Counselling Services, the International Exchange Council collaborated with Mr. Puneet Jain, Founder of University Unlocked Consulting Services, to conduct a session on Grad Opportunities, continuing the Tech Symposium Series. The council also organized a session on Quantum Dots led by Prof.

Bhola Nath Pal. The Academic Council organized Remedial Classes 6.0, and the Skill Development Council, as part of its Exhort Series initiative, hosted a session on Financial Literacy 101, presented by Ms. Sweta Singh, Founder of 'Nivesh ki Paathshala.' The Wellness Council adopted the theme 'Wellness with Darts and Vision Board' for the Mental Wellness Month, featuring engaging activities and mental health insights. Highlighting the collaboration with YourDOST, the council organized an interactive stall at Limbdi Corner, and a Heritage Walk showcasing Banaras's vibrance by visiting Tulsi Manas and Durga Kund Temples.

The Students' Parliament of IIT (BHU) facilitated the Pond Rejuvenation Project of the pond before ABLT at IIT (BHU). This initiative results from the combined efforts of Dr. Abhishek Suresh Dhoble, the Biochemical Lab and Social Services Council. This pond's rejuvenation enhances the beauty of the campus and

contributes to biodiversity conservation, water management, and environmental sustainability. On 13 November 2024, Prof. Amit Patra, Director, IIT (BHU), and his wife visited the new Nivedita Girls' Hostel as the chief guests along with several dignitaries. During the visit, the Director inspected the facilities at Nivedita Girls' Hostel, focusing on updates regarding washing machines and other utilities, emphasizing the Institute's efforts to enhance hostel infrastructure and student living conditions.



Alumni Updates

Student Alumni Interaction Cell



SAIC successfully conducted the placement drive of the Alumni-Guided Mock Interviews, offering students invaluable interview practice and constructive feedback from experienced alumni, enhancing their readiness for placement opportunities. Additionally, the cell hosted a 'Last Minute Tips for

Interview' session by Sh. Amit Shrivastav (MIN '99), who has served on college recruiting panels for Tesco and Publicis for 9+ years, helping students turn their placement concerns into confidence through expert advice and practical tips.

Reunions

The warmth of smiles and recollection spread through the Institute as the reunion of the Electrical, Electronics and Pharmaceutical 1999 batch took place on 29 November 2024, comprising a total of 50 alumni. Starting with respective departmental visits including a faculty meet and lab tour, the batch proceeded to have lunch at the Rajputana Hostel Mess.



The EEE and ECE 1999 batch continued to patch the gap with a friendly match of cricket at the ADV grounds and had a student-alumni mixer at G-14 Hall, ending their day on a memorable note. The batch of Electronics 2000 also celebrated their reunion from 29 to 30 November with a nostalgic lunch at the Rajputana

Hostel, followed by a faculty meet the next day.

SAIC also facilitated the reunion of the Mechanical 1999 batch on 9 November 2024, who started to relive their memories with a campus tour starting from Vishwanath Temple, visiting their department and alumni lounge. Before having their lunch at the Rajputana Mess, the alumni had a cricket match at the ADV grounds reminiscing their college days.



Alumni Achievements



Dr. Satish Kumar Sharma (ECE '97), Professor at the Department of Electrical & Computer Engineering, San Diego State University, has been elevated as the prestigious IEEE Fellow for his contributions to antenna design for satellite and radar applications. He is Associate Editor for the IEEE Antennas and Wireless

Propagation Letters (AWPL) and has contributed immensely in the Applied Electromagnetics area, which includes Antenna Theory & Design, Passive Microwave Devices, and Novel Electromagnetics Materials.

The 13th Convocation Ceremony

Celebrating the enduring heritage



The 13th Convocation Ceremony of the Institute, held on 28 October 2024, was a heartfelt celebration for the graduates. Wearing traditional attire with uttariya around their necks, they celebrated the successful conclusion of their

academic journey. The ceremony saw 1,954+ graduates receiving degrees and 60 students being honored with medals.



The Convocation was graced by the Hon'ble Union Minister for Education, Sh. Dharmendra Pradhan, as the Chief Guest of the event, alongside other dignitaries like Prof. Amit Patra, the Director of the Institute, and various Deans of the Institute.

Sh. Pradhan laid the foundation stone for six projects to enhance the Institute's infrastructure, collectively worth Rs. 400 crore. Notably, eight alumni received the Distinguished Alumnus/Alumna Awards 2024-25 across six different categories, out of which three were physically present at the convocation ceremony.

Revisiting the golden days

SAIC strived to make this occasion special for the graduands by tugging at their heartstrings through various activities. The 'Wall of 2024' was one which quickly became a colorful display of treasured moments filled with advice, shayaris, personal shout-outs, and deep thoughts. Moreover, 'Pin Your Memories' offered another way to express their feelings and experiences.



Instagram story-themed and magazine-themed photo booths were installed. These areas became fun spots where students gathered in groups, using college-themed props. They captured their joy, laughter, and love in memorable



photographs. During the celebrations, the Interview Team collected heartfelt thoughts from the graduates on their final day as students. These reflections summarized their growth and achievements, as well as the friendships and memories they would carry into the next stage of their lives!

Honoring milestones



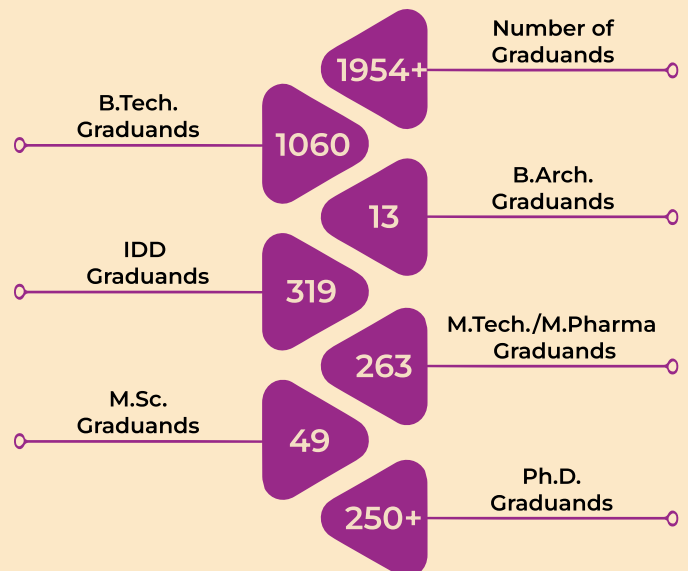
Sh. Aditya Kumar Nayak
(CHE '24)
President's Gold Medalist



Ms. Bhavya Malhotra
(EEE '24)
Director's Gold Medalist

Honoring outstanding achievements, 1954+ graduates embarked on their journey to conquer new horizons. A total of 100 medals and 25 cash prizes were awarded to 60 graduands, all belonging to diverse disciplines! The Institute proudly recognizes the dedication and resilience of the students and wishes all the students a bright and prosperous future!

Reeling through the numbers



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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