



ALMA COMMUNIQUE

Alumni Newsletter (Jul '23)

Institute Updates



1. The Institute warmly welcomed a new batch of students for the academic year 2023-24. The inaugural event, conducted by the Student Counselling Services (SAKHA), commenced with insightful addresses from the Director, Prof. Pramod Kumar Jain, the Chairperson of JEE Advanced, Prof. Arakere Puttaswamy Harsha, Prof. Shyam Bihari Dwivedi (DoAA) and Prof. Lal Pratap Singh (DoSA). All the Deans, HoDs/Coordinator of Schools, Registrar and other functionaries of the Institute were present at the event and introduced to the freshers.



2. Team Averera, IIT (BHU) represented India at the Shell Eco-Marathon (Asia Pacific and Middle East) 2023 and won the 'Carbon Footprint Reduction Award'. The team has won USD 3,000 with a winner's trophy. The event was organized at Pertamina Mandalika International Street Circuit, Lombok Island, Indonesia from 4th to 9th July, 2023 and was attended by over 80 teams representing 15 countries. Most of the vehicle's parts, except the motor, were designed and developed by the team in-house. The efforts resulted in a highly aerodynamic, ergonomic, and lightweight vehicle, as electric efficiency was the competition's primary goal.



3. A workshop on THz Communication for Next-generation Wireless Networks, sponsored by SERB-SRG, was organized at the Department of Electronics Engineering, IIT (BHU), Varanasi. The workshop was held on 14th July, 2023, and was attended by faculty members of nearby colleges working in Wireless Communication/ Signal Processing/ Data Science and other relevant areas of wireless communication and signal processing. The workshop provided the participants with valuable insights regarding the opportunities and challenges of Terahertz band communication under the 6G wireless networks.



4. A three-day workshop, 'National Instructional Workshop on Cryptology: Code-based Cryptography,' was organized by the Department of Mathematical Sciences, IIT (BHU), Varanasi, from 5th to 7th July, 2023. The workshop was conducted in collaboration with the Cryptology Research Society of India (CRSI), a scientific assembly of academicians, researchers, specialists, students, and institutions, promoting the science and technology of Cryptology, Data Security, and allied disciplines in India. This workshop introduced the students and faculty to fundamental Cryptology, network security, and information security concepts.

Connect back with your Alma Mater



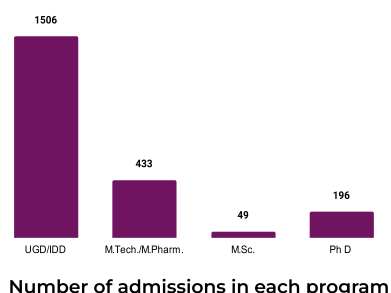
Alumni can now connect with their fellow batchmates by registering themselves on the official alumni portal created by the Office of Dean (Resource & Alumni Affairs). It will keep the alumni updated about the various developments in the Institute.



Welcoming the New Entrants

The Institute extends a warm welcome to the fresh batch of students for the academic session of 2023-24, who bring with them a new enthusiasm and passion to learn and develop.

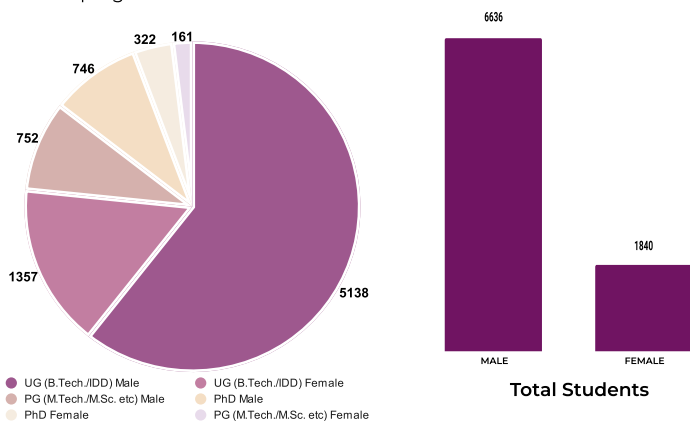
The new entrants were formally welcomed through the 'Orientation & Induction Program '23,' organized by the Student Counselling Services (SCS), IIT (BHU), Varanasi. The Induction Mentors assigned by SCS directed the first-year students to their respective departments for the scheduled department orientations, leading them to the Swatantrata Bhavan for the Induction Program afterwards.



Number of admissions in each program

Student Statistics (2023-24)

The Institute has bequeathed more than 100 years of eminence while also being the first institution in the country to offer degree-level programs in engineering. The Institute currently offers undergraduate and graduate-level courses over a total of 17 disciplines. Breakup of the number of students into different programs are as follows:



Total Students

Total Student Count of the Institute

Research and Development

The Institute is growing exponentially in the Research and Development sector through its continuous efforts and contributions. Nurturing this culture, the Institute has filed seven new patents, whereas one patent was granted.

Moreover, 96 Consultancy/ Testing projects were approved with total funding of Rs. 1,60,72,331.00, and 6 projects worth Rs. 1,52,26,902.96 got sanctioned this month.

Title	Filing Date	Granting Date
A device for modeling software clone evaluation across different versions and a method thereof	02-05-2018	03-07-2023

Patents granted in July

Faculty	Department / School	Filing Date
Prof. Pralay Maiti, Amita Santra	School of Material Science and Technology	03-07-2023
Pranjal Chandra, Akanksha Singh, Indrani Nandi	School of Biochemical Engineering	07-07-2023
Dr. Bholu Nath Pal, Sobhan Hazra	School of Material Science and Technology	10-07-2023
Pranjal Chandra, Supratim Mahapatra, Rohini Kumari	School of Biochemical Engineering	13-07-2023
Dr. GSP Singh, Mr. Ankush Galav, Prof. Sanjay Kumar Sharma	Department of Mining Engineering	20-07-2023
Dr. Atul Kumar, Dr. Daljeet Singh, Dr. Hem Dutt Joshi, Dr. Ashutosh Kumar Singh, Dr. Teemu Mytila, Dr. Sonam Jain	Department of Electronics Engineering, IIT (BHU), University of Oulu, Thapar Institute of Engineering and Technology	26-07-2023
Dr. Pradipta Paik, Prem Shankar Gupta	School of Biomedical Engineering	31-07-2023

Patents filed in July

Innovation

Ideation Innovation & Incubation Foundation



Two startups of RKVY-RAFTAAR Agri-Business Incubator (R-ABI), IIT (BHU), Varanasi participated in the Fisheries Startup Grand Challenge and Fisheries Startup Conclave held on 10th and 12th July, 2023 at Mahabalipuram, Tamil Nadu. M/s Healventure Biosciences LLP received the 'Fisheries Grand Challenge Award' at the event for enhancing the quality of fisheries and aquaculture ecosystem in India.

The award was presented by Mr. Parshottam Rupala, Minister of Fisheries, Animal Husbandry & Dairying. Dr. Sanjeev K Balyan, Hon'ble Minister of State of Fisheries, Dr. L. Murugan, Hon'ble Minister of State of Fisheries, Fisherman Welfare & Animals Husbandry, Govt. of Tamil Nadu, and Principal Secretary, Dr. Abhilash Likhi were also present at the event.



Team AVERERA



Team AVERERA has been presented with the 'Carbon Footprint Reduction Award' at the Shell Eco-marathon 2023. The team was declared as the winner for best describing the process of designing their next-generation vehicle to reduce vehicle carbon footprint while maintaining its mileage performance. Since its establishment in 2013, the team has been participating in this competition and has moved on to become one of the leading teams globally.

Media Section



Team AVERERA at the Shell Eco-Marathon 2023



SERB sponsored workshop on THz Communication for Next-generation Wireless Networks

Student Updates

The Students' Parliament set up a helpdesk for the smooth onboarding of students in the new semester, and actively resolved issues related to open electives as well as fee payment. It also worked upon a number of security initiatives, including sanctioning of patrolling bikes and barricades.





E-Cell IIT (BHU) introduced the groundbreaking initiative 'IIT BHU PG Entrepreneurship Program (IPEP).' The program will unlock boundless entrepreneurial possibilities for PG students to commercialize their research through mentorship and personalized guidance sessions.

At the Film and Media Council, the Animation Club and the Design Club of IIT Jodhpur organized a joint workshop sharing various ideas, techniques and strengthening ties. The Photography Club conducted a week-long series of workshops from 4th to 9th July, 2023.



At the Science and Technology Council, the Aeromodelling and Robotics Clubs ranked among the top 20 teams at the Flipkart Grid 4.0 Robotics Track at IIT Madras. Furthermore, the Aeromodelling Club qualified amongst the final 25 teams in the Boeing National Aeromodelling Festival at Techkriti '23, at IIT Kanpur.

The Business Club concluded its webinar series - 'Playbook to Build Habit-Forming Products,' providing insights to build innovative product solutions. The COPS conquered multiple Open Source programs, such as GSoC'23 and Summer of Bitcoin. Additionally, the SAE Collegiate Club secured 1st place in Encode competition at the IIT Guwahati Techfest.

At the Social Service Council, the Kashi Utkarsh Club published its annual report on its official LinkedIn page and commenced work on its newsletter. Furthermore, three teams of the Social Projects Club submitted their project abstracts for the first round of the Social Entrepreneurship Event organized by IIM Bangalore.



At the Student Counselling Services, the fourth edition of 'ChitChat with Seniors,' an Instagram Live series, was concluded with participation from 71 graduating seniors. The Wellness Council celebrated the International Yoga Day by

conducting a session on 'Yoga for Wellbeing' led by Ms. Ami Ganatra. The Council also organized an activity for World Forgiveness Day, wherein students were encouraged to pen down forgiveness letters, promoting growth and renewal.

Student Achievements

Student Startup Success Stories

1. UNSNARL, founded by Sudipan Sinha, 3rd year IDD Mathematical Sciences and Archishman Gupta, 3rd year B.Tech. Electronics Engineering, has been selected for the prestigious ETHIndia Grants Program.
2. TFB (The Fashion Brand), a sustainable fashion startup by Akshat Shrivastava, 2nd year B.Tech. Mechanical Engineering and Akshat Rastogi, 2nd Year B.Tech. Pharmaceutical Engineering and Technology, has been selected among the top 32 startups in Smartideathon. The startup had previously made it to the Hult Prize Semifinals, Mumbai Summit, 2023.

Alumni Updates

Reunions

Reunions are an occasion when the evergreen camaraderie built by our alumni is reignited and the golden memories of their college days rekindled. Embracing similar nostalgic sentiments, the batch of 2003 reunited this month in the Institute to commemorate 20 years of their graduation.



From 21st to 23rd July, 2023, SAIC assisted graduates from the class of 2003 to come together and celebrate a long-lasting friendship. The alumni were able to take a trip down memory lane as they engaged in student interaction, followed by a grand lunch at the Rajputana mess reminiscent of the golden times.

Student Alumni Interaction Cell (SAIC)

SAIC proceeded with its 'Ask The Alumni' initiative and conducted 40+ personalized guidance sessions, wherein 35+ alumni mentored more than 160 students. As a part of the flagship 'Student Alumni Mentorship Program,' this initiative provided first-year students a special opportunity to gain valuable insights from the experiences of our alumni.



Under the 'Alumni Visiting Faculty' program, 4 courses commenced this semester, with 9 alumni joining as the faculty. More than 660 students were enrolled in total for these courses. The cell also arranged 280+ Alumni-Guided Mock Interviews this month, assisting numerous students through the internship season.

Alumni Achievements

Sh. Vishal Kumar (MST '16), CEO of Waste Warriors, has been presented with the prestigious Keeling Curve Prize by the Global Warming Mitigation Project for his continuous efforts toward alleviating issues related to climate change. Leading his non-profit organization, Waste Warriors, which is currently aimed at solving the waste management crisis in the Indian Himalayan Region, he has forged a path of sustainable change in areas of Uttarakhand and Himachal Pradesh.



Startup Success Story

mSense AI, founded by Sh. Shiv Shankar Maurya (CSE '92), received a strategic investment from Hardcastle Petrofer for their Digital Eye and Ear products. The investment is expected to significantly enhance their technological capabilities and foster growth in the manufacturing sector.

Navigating as Freshers

How would you describe your initial days in the campus?



My first day was nerve-racking and I was overwhelmed because of the plethora of things happening. But eventually I realized that it's great to check out clubs and events, view your mistakes as chances to grow and learn, and always keep that zest for learning alive.



What words capture the essence of college life according to you? What makes IIT (BHU) stand out from the lot?



The Mantra, "*Suno sab ki, karo mann ki*", aptly captures the essence of college life. It's a space where individuals can truly embrace their authentic selves.



Lanka Gate being 3 km from the hostels, offers a chance to savor both campus and city life. Make the most of this unique opportunity.



Could you recount an interesting story or experience from your time in college?



Initially it seemed like gathering a bunch of inexperienced young folks, accustomed to home, expected to manage everything independently. Well, during our hostel visit, we were astonished by the tiny room sizes, they were as small as matchboxes.



Special thanks to Sh. Vedant Kumar (MEC '19), Sh. Aditya Veer Jain (CHY '17) and Sh. Vivek Goyanka (CIV '18) for sharing their experiences and advices for the freshers.

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 alumnicecell@iitbhu.ac.in.

CONTACT

Prof. Rajeev Srivastava,
Dean (Resource & Alumni)
dora@iitbhu.ac.in,
alumnicecell@iitbhu.ac.in

CONNECT WITH US



NEWSLETTER TEAM, SAIC

Anjaneya Raj Garg, Prakhar Agrawal,
Shreyash Arya, Suhani Agrawal,
Akshil Ahuja, Garima, Swasti Sargam