IEEE STUDENT BRANCH | BBD UNIVERSITY

ANNUAL REPORT

ACADEMIC SESSION (2024 - 2025)

Student Branch Code:
STB60225135

School Code:
60226111

IEEE STUDENT BRANCH | BBD UNIVERSITY

School of Engineering

Department of Computer Science and Engineering

INTRODUCTION TO IEEE STUDENT BRANCH(2024-2025)

The IEEE Student Branch at the School of Engineering is a dynamic student-led initiative established to foster innovation, technical excellence, and global collaboration in engineering, technology, and applied sciences.It serves as a platform for students to engage with cutting-edge research, professional networking, and real-world applications of engineering principles. The branch establishes a platform for students to participate in technical events, research forums, skill-building workshops, and international competitions under the prestigious banner of IEEE.

With its diverse activities and strong mentor network, the IEEE Student Branch encourages students to work in emerging technologies, develop leadership and teamwork skills, and contribute to solving global challenges through innovation. The member of the IEEE Student Branch become part of a global community of innovators, researchers, and professionals working to shape the future of technology.

Aims

- ·To promote the advancement of science, technology, and engineering practices among students.
- ·To encourage student participation in IEEE conferences, publications, and competitions.
- ·To foster a culture of continuous learning and innovation in line with IEEE's global mission.

Objectives

- ·To organize technical events, including seminars, webinars, coding competitions, hardware hackathons, and innovation challenges.
- ·To facilitate student access to IEEE resources, including research journals, standards, and learning platforms.
- ·To encourage student involvement in research projects, paper writing, and presentations at national and international levels.
- ·To conduct professional development workshops on soft skills, resume building, leadership, and entrepreneurship.

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NAME	UNIVERSITY ROLL NO.	SECTION	EMAIL-ID
Anushka Gupta	1220439037	CSE-AI 41	anushkag472004@gmail.com
Khushi Tripathi	1220440013	IOTBC-4	khushitripathi0706@gmail.com
Mudit Sharma	1220439117	CSAI41	mudit8sharma@gmail.com
Rohan Singh	1220439146	AI 41	rohansingh13902@gmail.com
Eshansh Singh Rawat	1220439075	CS-AI-(42)	eshansh15aug2004@gmail.com
Syed Faizan Abbas Safvi	1220439187	CS AI 42	faizanarsenal@gmail.com
Ayush Tiwari	1220439063	CSE AI-41	sikhartiwari93@gmail.com
Ayushi Bhatia	1220440008	IOTBC-4	ayushibahatia@gmail.com

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FUTURE TECH GALLERY

Name of the Members Present:

(1) Prof.(Dr.) Satish Chander Sharma

Meeting/Event Date: 23-Feb-2025

Title of the Meeting/Event: Inaugural Ceremony of IEEE-BBDU Student Branch

Start Date and Time: 23-Feb-2025 / 9:00 A.M.

End Date and Time: 25-Feb-2025 / 1:00 P.M.

Description:

From 23rd to 25th February 2025, the Department of Engineering at Babu Banarasi Das University, Lucknow, in collaboration with the IEEE Student Branch, organized a three-day mega event titled "Future Tech Gallery and Innovation Pitch" at the Dr. Akhilesh Das Gupta Auditorium. Designed to celebrate and explore the rapidly evolving world of emerging technologies, the event brought together students, faculty, researchers, industry professionals, and tech enthusiasts under one roof. The primary aim was to showcase innovations in Artificial Intelligence, Robotics, IoT, Quantum Computing, AR/VR, and other futuristic domains while fostering industry academia collaboration and encouraging student participation in real-world tech advancement. The event kicked off with an inaugural ceremony featuring a keynote address by an industry expert, followed by a ribbon cutting ceremony to launch the tech gallery. Over the next two days, the Tech Pavilion displayed interactive exhibits, live demonstrations, startup pitches, and hands-on activities, offering an engaging experience for all attendees. Highlights included the Tech Vision 2030 panel discussion, which addressed ethical and technological challenges of the future, and the Tech Talent Pitch Competition, where students showcased their innovative projects to a panel of experts. The event concluded with a grand awards ceremony recognizing the best exhibits and innovations. "Future Tech Gallery and Innovation Pitch" successfully inspired curiosity, collaboration, and innovation, reinforcing the university's commitment to nurturing future-ready engineers and thought leaders in technology.

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EVENT PICTURES

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UTKARSH TECH EXPO(12 ARPIL, 2025)

Name of the Members Present:

1. Dr. N.K. Mishra
2. Dr. Richa Sharma
3. Mr. Nikhil Sharma

Meeting/Event Date: 12-April-2025

Title of the Meeting/Event: Tech-Expo

Start Date and Time: 12-April-2025 / 9:00 A.M.

End Date and Time: 12-April-2025 / 5:00 P.M.

Description:

On 12th April 2025, the Department of Engineering at Babu Banarasi Das University, Lucknow, organized the much-anticipated Tech-Expo at the Dr. Akhilesh Das Gupta Auditorium. This event served as an exclusive platform for engineering students to apply their academic knowledge to real-world problems through innovative project development. Tech-Expo aimed to promote hands-on learning, creativity, and problem-solving skills by encouraging students to identify real-life challenges and engineer effective, technology-driven solutions. Participants, working individually or in teams, showcased a variety of projects ranging from smart devices and automation systems to sustainable energy models and AI-based applications. Each team presented their projects through functional prototypes, models, and presentations, demonstrating a deep understanding of engineering concepts and practical implementation. The event was judged by faculty members and invited experts who evaluated each project on criteria such as innovation, feasibility, technical soundness, and societal impact. Tech-Expo not only highlighted the technical capabilities of the students but also fostered a spirit of collaboration, critical thinking, and entrepreneurial mindset within the department. It offered students a valuable opportunity to communicate their ideas, receive constructive feedback, and experience the real-world relevance of their academic pursuits. The event concluded with recognition of the most impactful and innovative projects, inspiring students to continue pushing the boundaries of technological innovation. Tech-Expo 2025 stood as a testament to the university's commitment to nurturing future engineers who are capable of creating meaningful solutions for a better world.

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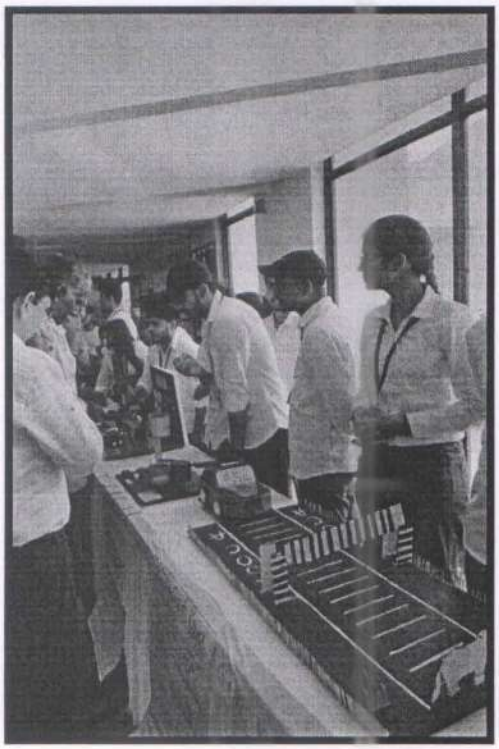
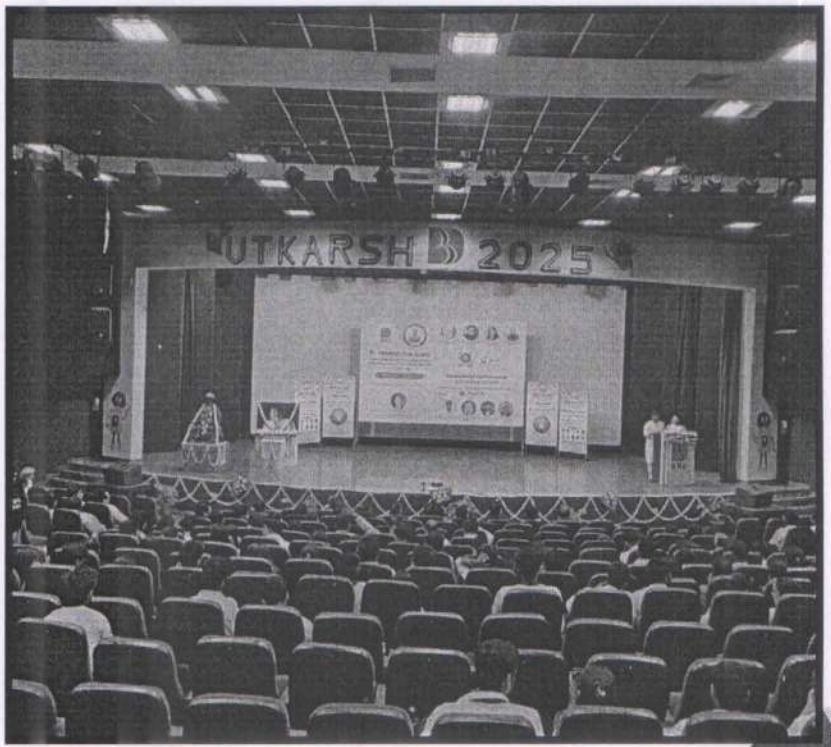
EVENT PICTURES





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EVENT DETAILS

Name of Event: Ideathon- AI in Digital Growth (ADG)
Date: April 12, 2025
Brief Description of Event:
BBD University organized Ideathon on **12th April 2025.** The session featured **Dr. Sanjay Tyagi** as the distinguished Guest Speaker, who shared valuable insights on the role of Artificial Intelligence in driving innovation and digital transformation. The event also hosted an engaging panel discussion with eminent panelists — **Prof. Nishchal Kumar Verma, Dr. Rakesh Kumar Mishra, Dr. Krishna Pratap Singh,** and **Dr. Teena Sharma**. They highlighted AI's impact on various sectors including education, industry, and research. The interactive discussions inspired students and faculty to explore AI-driven opportunities in shaping the future. The program concluded with an exchange of ideas, leaving participants motivated to embrace AI for sustainable digital growth.

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EVENT DETAILS

Name of Event: Panel Discussion on Women in AI
Date: March 8, 2025, 2:00 PM onwards
Organized By: AI Research Centre, School of Engineering, Babu Banarasi Das University, Lucknow
Technically Sponsored by: IEEE Computational Intelligence Society, U.P. Section, India and SCRS
Panelists: Dr. Shokooh Khandan, Ms. Mina Keyany, Dr. Maisie Badami, Dr. Azadeh Mohammadi, Dr. Mouna Sabrine Mayouf.
Brief Description of Event:
BBD University organized a special event on "Women in AI" on March 8, 2025, to celebrate International Women's Day. The event brought together distinguished panelists — Dr. Shokooh Khandan, Ms. Mina Keyany, Dr. Maisie Badami, Dr. Azadeh Mohammadi, and Dr. Mouna Sabrine Mayouf. The discussion highlighted the significant contributions of women in Artificial Intelligence and their role in shaping the future of technology. Panelists shared their research, experiences, and perspectives on overcoming challenges in the field. The session inspired students and faculty to foster inclusivity and innovation in AI. It also emphasized the importance of empowering women in technology-driven domains. The program concluded with an interactive Q&A, leaving the audience motivated and enriched with global insights.

EVENT PICTURES

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EVENT DETAILS

Name of Event: AI Vimarsh: A Global Series of Intellectual Dialogues on the Future of AI- Episode 1
Date: June 26, 2025, 2:00 PM to 3:00 PM
Organized By: AI Research Centre, School of Engineering, Babu Banarasi Das University, Lucknow
Technically Sponsored by: IEEE Computational Intelligence Society, U.P. Section, India and SCRS
Name of Coordinator: Ms. Anjali Nigam
No. of Participants: 60
Google Meet Link: https://meet.google.com/nvu-omtk-zwu
Brief Description of Event:
The AI Research Centre, School of Engineering, BBD University, conducted the event- AI Vimarsh: A Global Series of Intellectual Dialogues on the Future of AI- Episode 1 on June 26, 2025. This program brought together leading minds from academia to explore the evolving landscape of artificial intelligence and its future. This session offered deep insights, hands-on learning, and inspiring discussions for all the participants.
The sessions were led by **Dr. Shokooh Khandan** and **Dr. Sandeep Singh Sengar**, academic professionals from The Manchester Metropolitan University and Cardiff Metropolitan- UK respectively, whose extensive experience added great value to the discussion.
The program was thoughtfully designed to deepen participants' theoretical knowledge and enhance their practical skills in applying emerging AI technologies—particularly in the domain of higher education and research.

EVENT PICTURES

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IEEE Computational Intelligence Society
Uttar Pradesh Section

SOFT COMPUTING RESEARCH SOCIETY

AI Vimarsh | एआई विमर्श

A Global Series of Intellectual Dialogues on the Future of AI

June 26, 2025 | 02:00 pm IST onwards

Episode -1 **AI in Higher Education and Research**

Dr. Shokooh Khandan
AI Specialist, The Manchester Metropolitan University, UK

Dr. Sandeep Singh Sengar
Cardiff Metropolitan University
UK

Organized By
Artificial Intelligence Research Centre, School of Engineering
BBD University, Lucknow, India

BBD City, Ayodhya Road, Lucknow Uttar Pradesh - 226028 India www.bbdu.ac.in

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EVENT DETAILS

Name of Event: EDGE 2025
Date: 15th October, 2025
Organized By: IEEE Student Chapter, School of Engineering, Babu Banarasi Das University, Lucknow

Name of Coordinator: Dr. Mrinalini Srivastava
Brief Description of Event:
The School of Engineering, Babu Banarasi Das University (BBDU) celebrated IEEE Month 2025 on October 15, 2025, with great enthusiasm and active participation from students and faculty members. The event embodied the IEEE spirit of innovation, collaboration, and excellence in engineering and technology.

The celebration was graced by the presence of the Guest of Honor, **Prof. Pawan Kumar Chaurasiya** from Babasaheb Bhimrao Ambedkar Central University, Lucknow, who addressed the students and emphasized the vital connection between technology and sustainability, encouraging them to use innovation as a tool for societal progress.

Prof. (Dr.) S. C. Sharma, Pro-Vice Chancellor, BBD University, inspired the students to continually enhance their technical skills and competencies to meet the evolving demands of the global technological landscape. **Prof. (Dr.) S. K. Srivastava**, Vice-Chancellor, BBD University, appreciated the commendable efforts of the students reflected in the BBD Engineering Times, the bi-annual magazine of the School of Engineering, which was formally launched during the event.

The celebrations featured a series of engaging and intellectually stimulating competitions.

- Cine-AI, an innovative showcase of AI-generated short films, highlighted the creative integration of artificial intelligence and storytelling. The competition was judged by **Prof. Rafik Ahmad**, Senior Member, IEEE, and **Dr. Trjshla Singh**, who praised the students' creativity and innovative approach to the use of AI in film-making.
- Coders Arena brought forth the coding excellence of students as they demonstrated their logical thinking and problem-solving abilities.
- Another highlight, I-Sustain, presented sustainability-focused engineering projects that reflected the students' creativity and commitment toward building a greener and more responsible future. The I-Sustain competition was evaluated by **Dr. Radhey Shyam** and **Dr. Harsh Dev**, who commended the participants for their practical and eco-conscious engineering solutions.

The event concluded with recognition of outstanding performances, reaffirming the university's dedication to fostering innovation, sustainability, and technological advancement in alignment with the IEEE's mission — Advancing Technology for Humanity.

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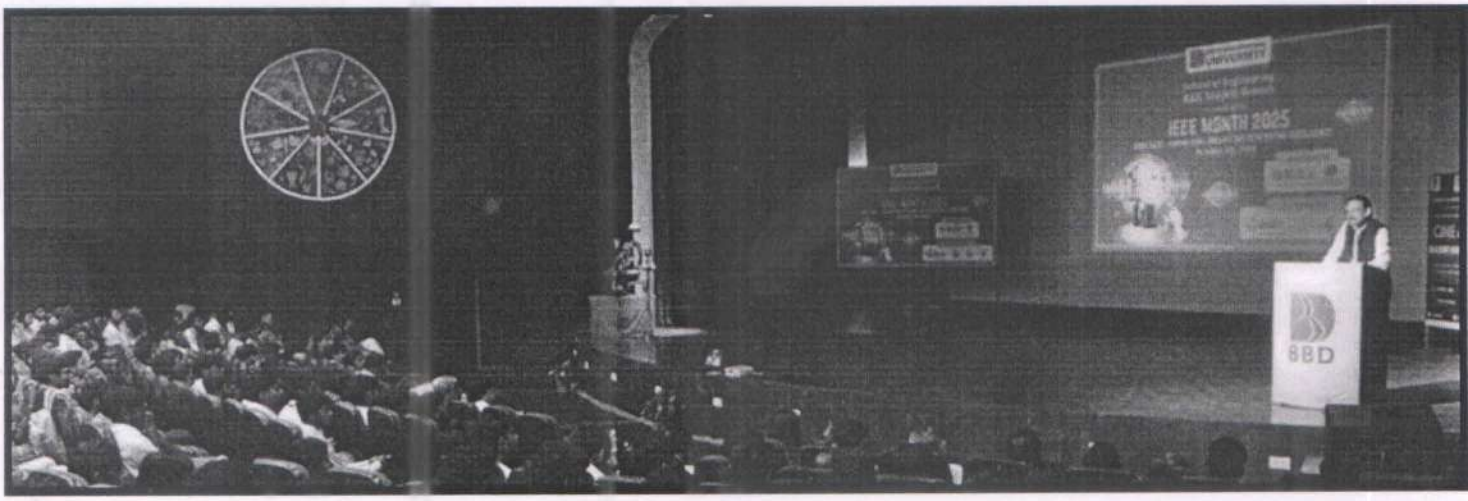
EVENT PICTURES



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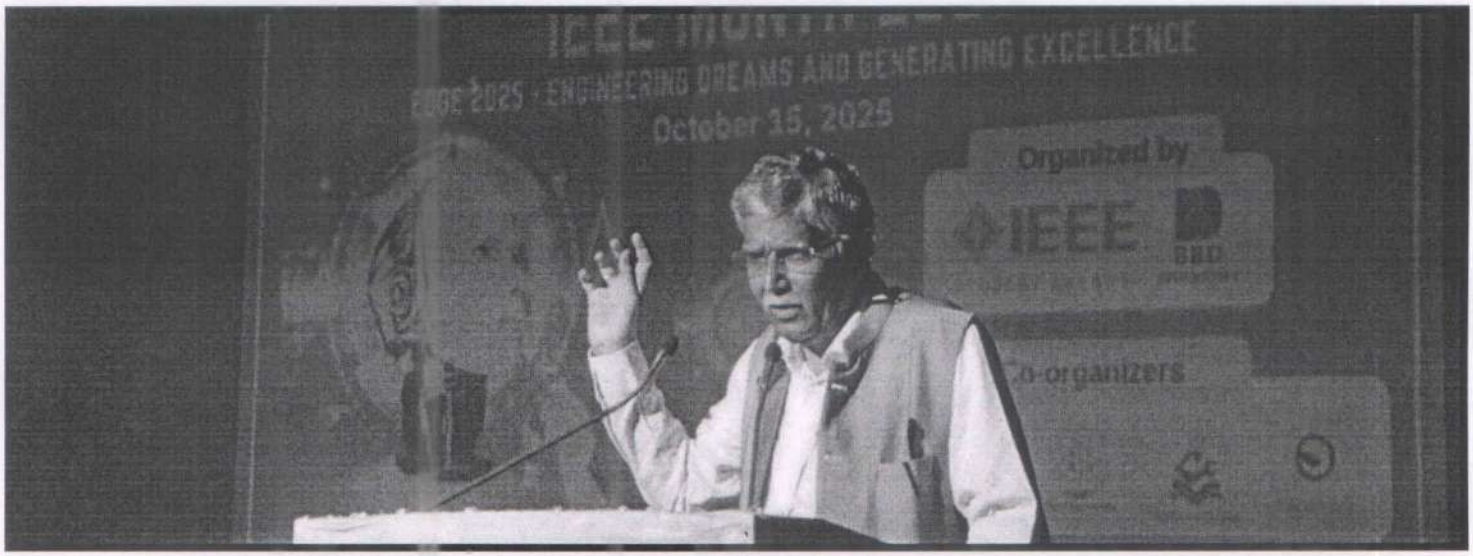

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EVENT PICTURES

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BBDU
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