

INNOSPHERE
SOE Student Forum

PRESENTS ANNUAL
REPORT FOR THE
ACADEMIC SESSION
(2024-25)

PKR



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INTRODUCTION

Innosphere- SOE Student Forum is a student-led technical forum of the School of Engineering, BBB University that promotes innovation, excellence, hands-on learning, and collaboration among engineering students.

Working with the tagline “Engineering with Innovation,” the forum serves as an excellent platform where students come together to ideate, build, and lead impactful projects and initiatives.

The forum organizes a wide range of activities, including technical workshops, coding competitions, expert talks, hackathons, industrial visits, and peer-led knowledge-sharing sessions.

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AIMS

- To develop a platform of innovation, creativity, and technical excellence for students.
- To establish an environment for students to explore, experiment, and execute ideas beyond the curriculum.
- To identify and fill the gap between classroom learning and real-world applications through hands-on learning.
- To promote collaborative learning and encourage interdisciplinary project work and discussions.

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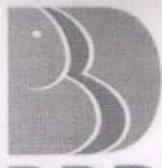
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OBJECTIVES

- Organize technical events such as coding contests, hackathons, project expos, and tech quizzes to enhance problem-solving and analytical thinking skills.
- Conduct workshops and seminars on emerging technologies like AI, IoT, cloud computing, robotics, and blockchain.
- Interaction with industry experts and academic leaders through guest lectures, panel discussions, and mentorship programs.
- Promote student-led innovation projects and provide guidance for research publications and patent filings.
- Encourage participation in national and international competitions, conferences, and innovation challenges.
- Create a knowledge-sharing culture through peer-learning sessions, study groups, and technical clubs.
- Support the professional and personal development of members by enhancing leadership, teamwork, and communication skills.

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CORE TEAM(2024-25)

The 2024-25 Core Team drives Innosphere's mission of technical excellence, uniting diverse talents to execute high-impact events. Their unwavering commitment to 'Learning by Doing' has fostered a collaborative environment of innovation and practical growth.

Faculty Advisor: Ms. Abha Shukla, Assistant Professor, School of Engineering.

S.No	Name of Student	Designation
1	Pragalbh Mishra	Coordinator
2	Khushi Tripathi	Assistant Coordinator
3	Nitin Modanwal	Technical Coordinator
4	Supriya Vishwakarma	Media Coordinator
5	Priya Tiwari	Event Coordinator
6	Roshan Kumar	Member
7	Palak Khare	Member
8	Deepak Mishra	Member
9	Tarun Mishra	Member
10	Khushi Askari	Member
11	Nandita Pandey	Member
12	Preeti Verma	Member
13	Manya Aggarwal	Member
14	Shreyam Gupta	Member
15	Shivansh Mishra	Member
16	Akanksha Verma	Member
17	Shashwat Srivastava	Member
18	Shivansh Bajpayee	Member
19	Anand Prakash	Member
20	Ankit Sharma	Member

Prepared by
[Signature]



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EVENTS

- World Congress on Smart Computing (WCSC 2025)
- International Conference on AI in Digital Growth(ADG 2025)
- Kalpathon- Coding Based Hackathon

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EVENT REPORT

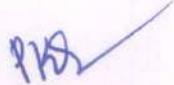
- **Name of Event:** World Congress on Smart Computing (WCSC 2025)
- **Date:** February 22– 23, 2025
- **Organized by:** Innosphere SSOE Student Forum
- **Technically Sponsored by:** Soft Computing Research Society
- **Chief Guest:** Dr. Lokesh Chouhan
- **Guest of Honor:** Dr. Jagdeesh Chandra Bansal

Brief Description of Event:

School of Engineering, BBD University successfully organized the International Conference – World Congress on Smart Computing (WCSC 2025) on February 22-23, 2025. The conference proceedings will be published in the Springer Book Series “Studies in Smart Technologies”.

The conference received 413 papers and only 39 papers were finally accepted (with an acceptance ratio of 10%) maintaining the quality standards of publications.

Our sincere thanks to Dr. Lokesh Chouhan, Dean Academics, National Forensic Sciences University (NFSU), Goa for joining the inaugural ceremony as Chief Guest. Many thanks to Dr. Jagdish Chand Bansal, General Secretary, SCRS for joining us as the Guest of Honor. Heartfelt thanks to Hon'ble Pro Vice Chancellor, BBD University Prof. (Dr.) Satish Chander Sharma for his kind support, motivation, and supervision during the entire conference.



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We also express our gratitude to Dr. Mukesh Saraswat, Jaypee Institute of Information Technology, Noida, Dr Sandeep Kumar Poonia, Professor, CHRIST University, Bangalore and Dr. Harish Sharma, Rajasthan Technical University for their extraordinary support in organizing the conference.

Our heartfelt thanks to Dr. Jagdish Chand Bansal, South Asian University, New Delhi, for his kind support and motivation. Thanks to all Keynote Speakers, Industry Invited Speakers, Session Chairs, Participants, and Organizing Committee Members for making the conference a grand success.

EVENT PICTURES

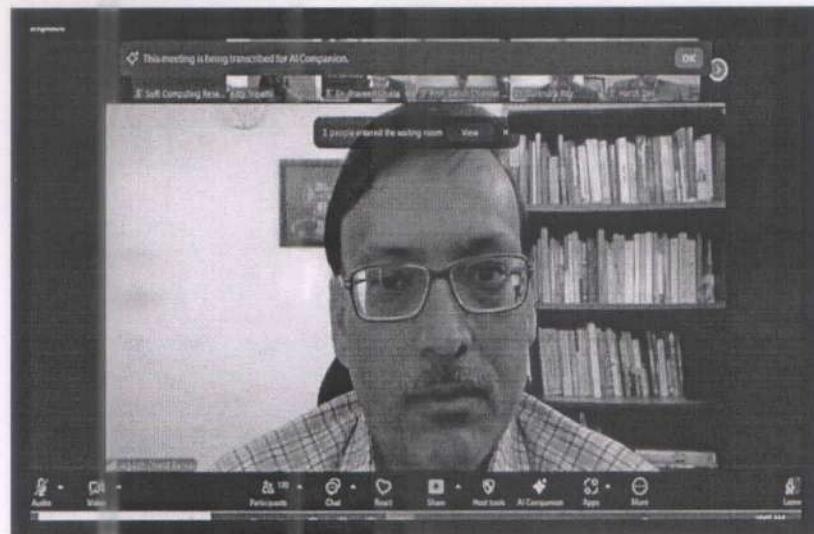




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REC Zoom Leave

2nd World Cong February 22-23, 2025

PROFILE

- Dr. Lokesh Chauhan is the Dean of Academics at the National Forensic Sciences University (NFSU), Goa. He has served at several prestigious institutions, including IIT Roorkee, NIT Hamirpur, MANIT Bhopal, and ABV-IIITM Gwalior.
- Previously, he was the Dean (Academics) and Assistant Professor at IIT Roorkee, where he played a key role in the institution's academic development.
- Dr. Chauhan holds a Ph.D. in Cognitive Radio from the Indian Institute of Information Technology and Management, Gwalior.
- His research interests include Network Security, Cyber Security, Cloud Computing, Internet of Things (IoT), Smart Cities, and Android Applications.
- Dr. Chauhan has published over 60 research papers in national and international journals and conferences of high repute. He holds two patents in the field of IoT.
- He has supervised numerous Ph.D. and postgraduate students and currently leads a research group of nine scholars.
- He is actively involved in the technical program committee of renowned conferences affiliated with IEEE, ACM, and Springer.
- Dr. Chauhan serves as a reviewer for prestigious journals published by ACM, IIEP, Elsevier, IET, and Springer.
- His extensive teaching and industrial experience continues to drive his dedication to both research and education.

**Dr. Lokesh Chauhan,
Chief Guest
Dean Academics National
Forensic Science University, Goa**



Release
of
“WCSC 2025 Souvenir”

[Signature]

EVENT REPORT

- **Name of Event:** International Conference on AI in Digital Growth(ADG 2025)
- **Date:** April 12, 2025, 10:30 AM onwards
- **Organized By:** Innosphere SOE Student Forum
- **Technically Sponsored by:** IEEE Computational Intelligence Society, U.P. Section, India
- **Guest Speaker:** Dr. Sanjay Tyagi
- **Panelists:** Prof. Nishchal Kumar Verma, Dr. Rakesh Kumar Mishra, Dr. Krishna Pratap Singh, Dr. Teena Sharma
- **Venue:** Dr. Akhilesh Das Gupta Auditorium, BBD University

Brief Description of Event:

BBD University organized an International Conference on “AI in Digital Growth” 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.



Papers were also presented by academicians and students in the following technical sessions. In each session best paper award was also awarded.

1. Technical Session 1: Revolutionizing Business: AI-Driven Industry Transformation
2. Technical Session 2: Smart Finance: How AI is Reshaping Fin-Tech
3. Technical Session 3: AI for Smarter Healthcare Solutions
4. Technical Session 4: Smart Judiciary: The Role of AI in Legal Innovation
5. Technical Session 5: AI for a Better World: Driving Social Good and Sustainability
6. Technical Session 6: AI-Powered Smart Cities: Shaping the Urban Future
7. Technical Session 7: Mathematics for AI: The Foundations of Intelligence
8. Technical Session 8: AI for Education: Transforming Learning & Teaching
9. Technical Session 9: AI for Mass Communication: Revolutionizing Media & Journalism
10. Technical Session 10: Miscellaneous application of AI in real world

EVENT PICTURES



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EVENT REPORT

- **Name of Event:** Kalpathon- Coding Based Hackathon
- **Date:** 11-12 April, 2025
- **Organized By:** Innosphere SOE Student Forum
- **Name of Coordinator:** Ms. Abha Shukla
- **No. of Participants:** 280 students

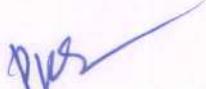
Brief Description of Event:

Kalpathon, organized as a flagship event under Akhil Jyot 2025, was an intense 2-day coding marathon designed to bridge the gap between creative imagination ("Kalpana") and technical execution.

Spanning a hybrid format, the event commenced with an online ideation phase on Day 1 and concluded with a high-stakes offline development and pitching round at the AI Research Center on Day 2.

Participants collaborated to solve real-world challenges across cutting-edge domains such as AI/ML, Web3, FinTech, and Healthcare. The competition adhered to a rigorous evaluation framework, assessing teams on Technical Innovation (30 marks), Implementation (25 marks), Presentation (25 marks), and Scalability (20 marks).

By requiring final project deployment to public GitHub repositories, the event successfully fostered a spirit of "Learning by Doing," enhancing technical fidelity and transparency. The hackathon concluded with the distribution of trophies and certificates, celebrating the innovative spirit of the student community.



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EVENT PICTURES

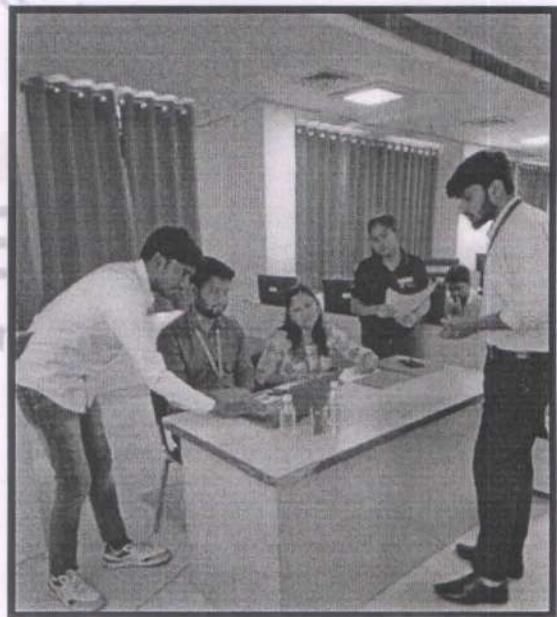
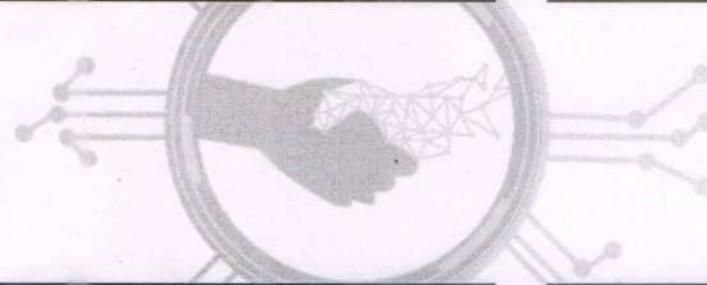
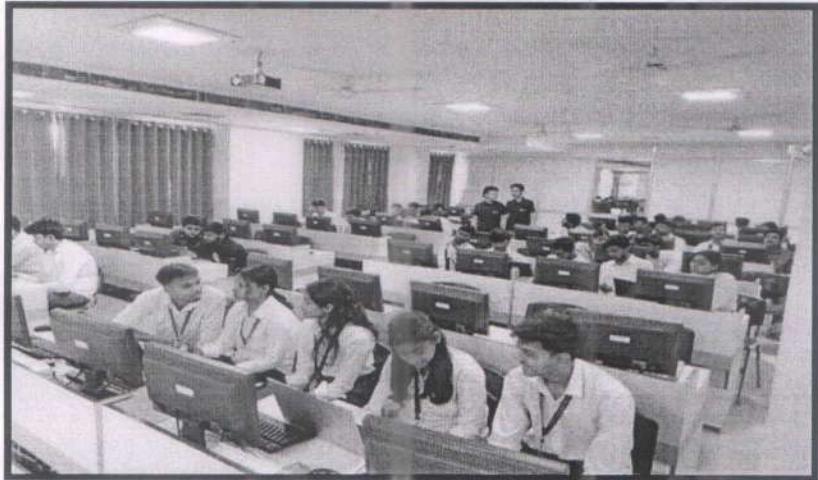




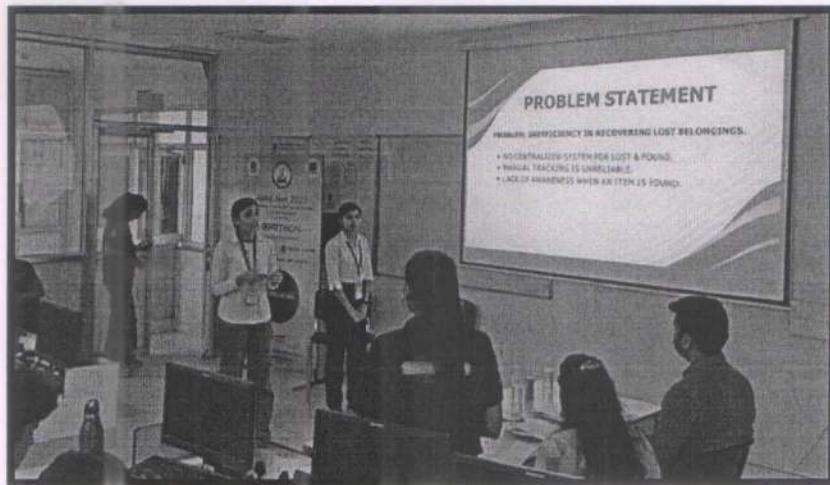
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SUMMARY

The academic session 2024-25 has been a defining year for the Innosphere SOE Student Forum, marked by a convergence of Global Research, Artificial Intelligence, and Practical Innovation. Our forum successfully orchestrated a series of high-impact events that bridged the gap between theoretical research and real-world technical execution.

The session featured the prestigious 'World Congress on Smart Computing (WCSC 2025)', an international platform that brought together global experts and researchers to discuss advancements in smart technologies, with accepted papers published in Springer.

This momentum continued with the 'International Conference on AI in Digital Growth (ADG 2025)', featuring distinguished speakers and technical sessions dedicated to AI's role in revolutionizing industries like Healthcare, FinTech, and Smart Cities.

SOE Student Forum

The year culminated with 'Kalpathon', a flagship 2-day coding hackathon that challenged students to transform innovative ideas into deployable software solutions.

Together, these initiatives have significantly elevated the research acumen and technical fidelity of our student community, reinforcing BBD University's commitment to fostering future-ready engineers.





School of Engineering
Innosphere SOE Student Forum
Event Report

Name of Event: Kalpathon- Coding Based Hackathon

Date: 11-12 April, 2025

Organized By: Innosphere SOE Student Forum, School of Engineering, Babu Banarsi Das University, Lucknow

Name of Coordinator: Ms. Abha Shukla

No. of Participants: 280 students

Brief Description of Event:

"Kalpathon," organized as a flagship event under Akhil Jyot 2025, was an intense 2-day coding marathon designed to bridge the gap between creative imagination ("Kalpana") and technical execution. Spanning a hybrid format, the event commenced with an online ideation phase on Day 1 and concluded with a high-stakes offline development and pitching round at the AI Research Center on Day 2. Participants collaborated to solve real-world challenges across cutting-edge domains such as AI/ML, Web3, FinTech, and Healthcare. The competition adhered to a rigorous evaluation framework, assessing teams on Technical Innovation (30 marks), Implementation (25 marks), Presentation (25 marks), and Scalability (20 marks). By requiring final project deployment to public GitHub repositories, the event successfully fostered a spirit of "Learning by Doing," enhancing technical fidelity and transparency. The hackathon concluded with the distribution of trophies and certificates, celebrating the innovative spirit of the student community.

Event Poster

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In Memory of Dr. Akhilesh Das Gupta

ADG 2025

Akhil Jyot 2025

In the memory of our Hon'ble Founder Chairman
Dr. Akhilesh Das Gupta

— कल्पTHON —

Coding Based Hackathon

12th April 2025 9:00 AM - 5:00 PM

AI Research Center - BBD University

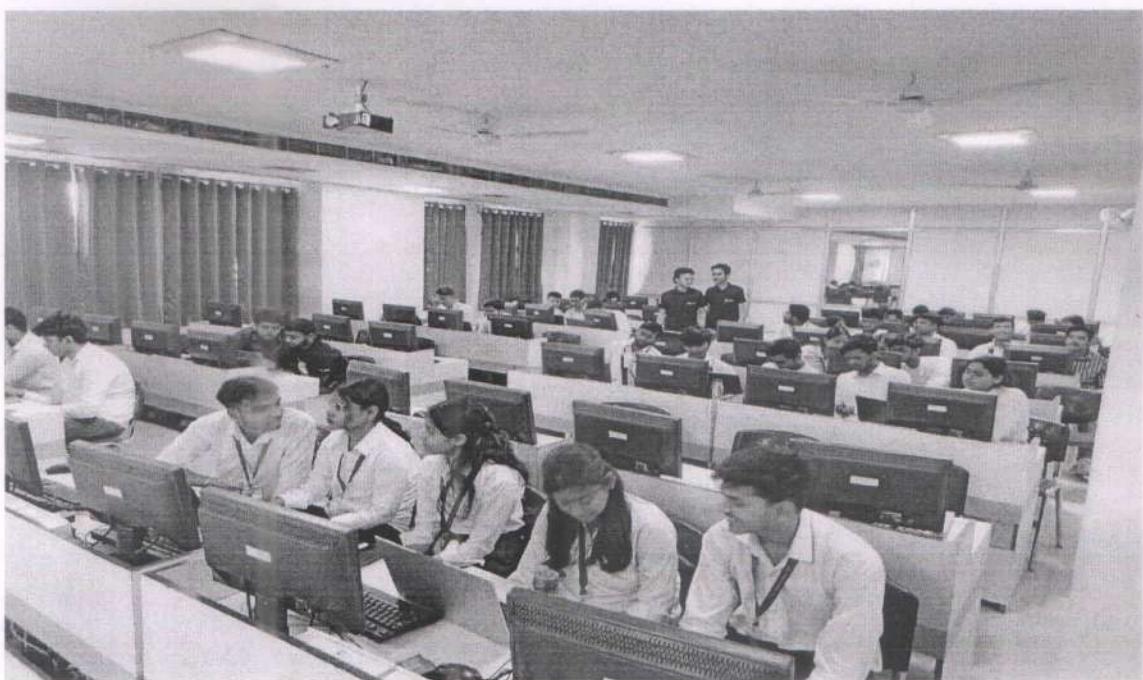
कल्पTHON

IEEE
Computational
Intelligence
Society
Bihar Pradesh Section

Organized by- AI Research Centre,
BBD Educational Group

PWS ✓

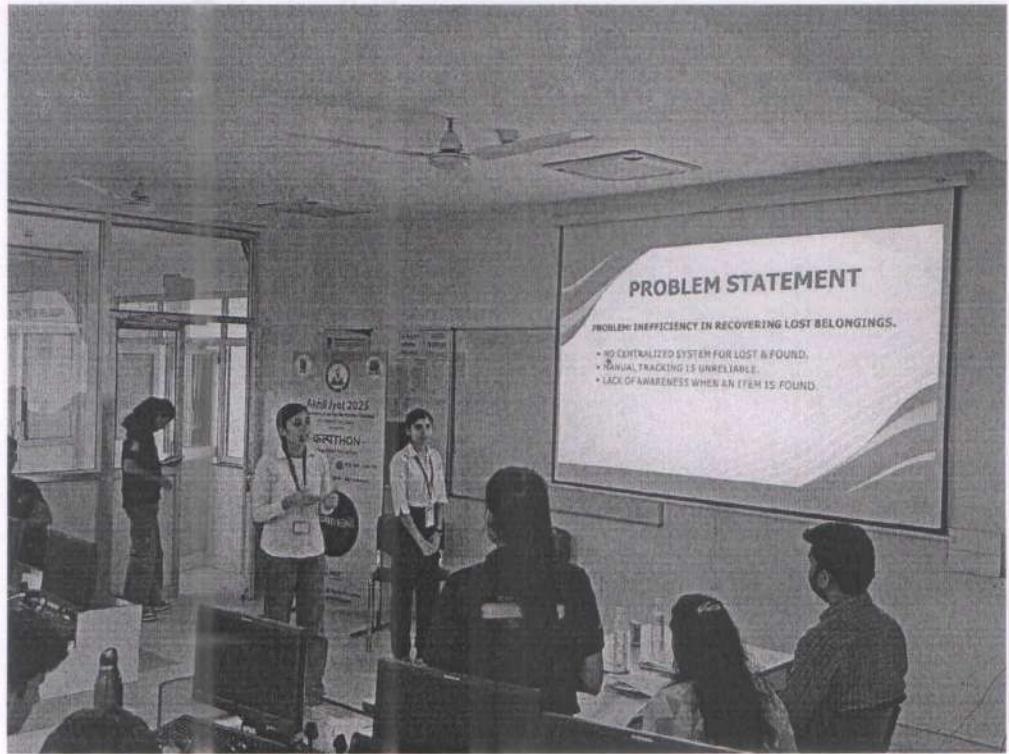
Event Pictures



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