BBD
UNIVERSITY

SCRS STUDENT CHAPTER

PRESENTS ANNUAL REPORT FOR THE ACADEMIC SESSION (2024-2025)

INTRODUCTION

The **SCRS Student Chapter** at the **School of Engineering, BBD University** is a vibrant, student-led initiative dedicated to advancing research, innovation, and interdisciplinary collaboration. The SCRS Student Chapter provides a platform for engineering students to engage with emerging technologies and conduct meaningful research.

The chapter actively organizes workshops, hands-on training, expert talks, research paper discussions, and collaborative projects. By connecting students with academic mentors and industry professionals, the chapter nurtures an ecosystem of **curiosity, creativity, and critical thinking**.

Aims and Objectives

Aims:

- To foster interdisciplinary knowledge and research.
- To create a collaborative ecosystem that connects **students, researchers, and industry experts**.
- To prepare students for **research-oriented careers and advanced studies** in AI and related areas.

Objectives:

- To **organize technical events**, including seminars, workshops, and hackathons, focusing on cognitive computing, machine learning, neural networks, and robotic systems.
- To **encourage students to engage in research and development activities** and publish their work in conferences and journals.
- To **initiate interdisciplinary projects**.
- To **collaborate with faculty members, research labs, and industry professionals** for mentorship, internships, and real-world exposure.
- To support students in **pursuing patents, innovative prototypes, and startup ideas**.

SCRS Student Chapter is supported by a well-structured team framework consisting of the Core Team, Event Management Team, Technical & Research Team, Media Team, Documentation Team, and Recruitment Team, each contributing uniquely to ensure smooth, impactful, and professional chapter operations.

Core Team: Ensures effective decision-making, strategic planning, and smooth coordination of all chapter activities.

Event Management Team: Plans, organizes, and executes all events, workshops, and chapter programs efficiently.

Technical & Research Team: Leads technical projects and research activities while supporting academic and innovation initiatives.

Media Team: Creates posters, videos, and digital content while managing the chapter's overall branding and visuals.

Documentation Team: Maintains accurate records and prepares detailed documentation, including the annual report.

Recruitment Team: Handles member on boarding, communication, and management to build an active student community.

Introduction to SCRS Student Chapter Team (2024-2025)

The SCRS Student Chapter works through a coordinated structure where different groups handle leadership, event planning, technical learning, creativity, documentation, and member on boarding. Each group plays a unique role—some guide overall functioning, some organize activities, some focus on skill development, while others manage communication, maintain records, or bring in new members. Together, they ensure smooth operations, successful events, professional communication, and continuous growth of the chapter.

Student Head: Tarun Pratap Singh

Lead Head : Shreyansh Rai

Technical Head : Mahesh Pratap Singh

Project Head: Himanshu Tiwari

Social Media Head : Shashank Shekhar Singh

Event Head: Shakshi Singh

BABU BANARASI DAS UNIVERSITY

School of Engineering

Department of Computer Science and Engineering

Event Report

Name of Event: World Congress onSmart Computing (WCSC 2025)

Date: February 22– 23, 2025

Organized By: AI Research Centre, School of Engineering, Babu Banarasi Das University, Lucknow

Technically Sponsored by: Soft Computing Research Society

Chief Guest: Dr. Lokesh Chouhan

Guest of Honor: Dr. Jagdish Chand Bansal

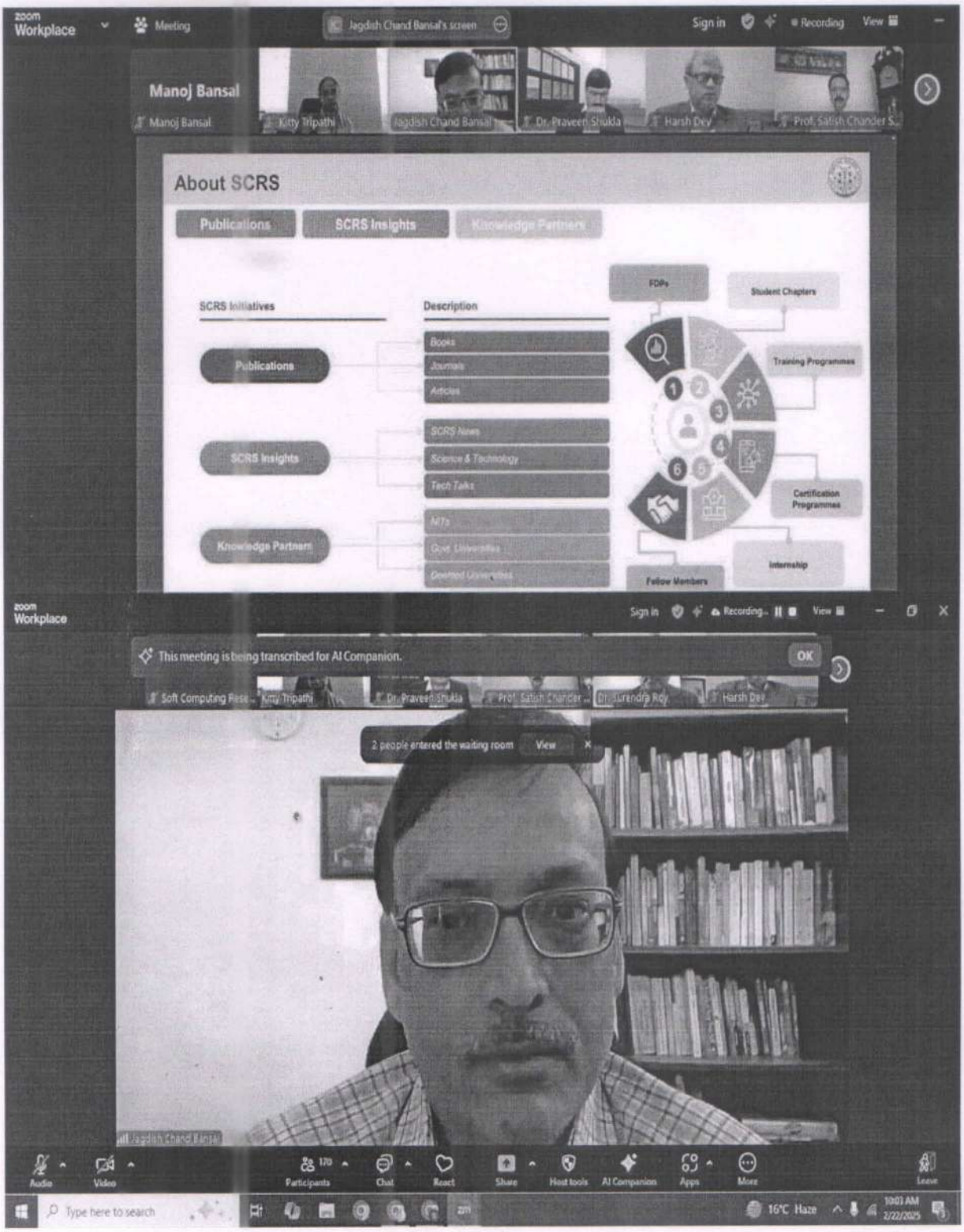
Brief Description of Event:

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.

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.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Meeting
Jagdish Chand Bansal's screen
Sign in
Recording
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Manoj Bansal
Kitty Tripathi
Jagdish Chand Bansal
Dr. Praveen Shukla
Harsh Dev
About SCRS
Publications
SCRS Insights
Knowledge Partners
SCRS Initiatives
Description
Publications
Books
Journals
Articles
SCRS Insights
SCRS News
Science & Technology
Tech Talks
Knowledge Partners
NITs
FDPs
Student Chapters
Training Programmes
Certification Programmes
Internship
Fellow Members
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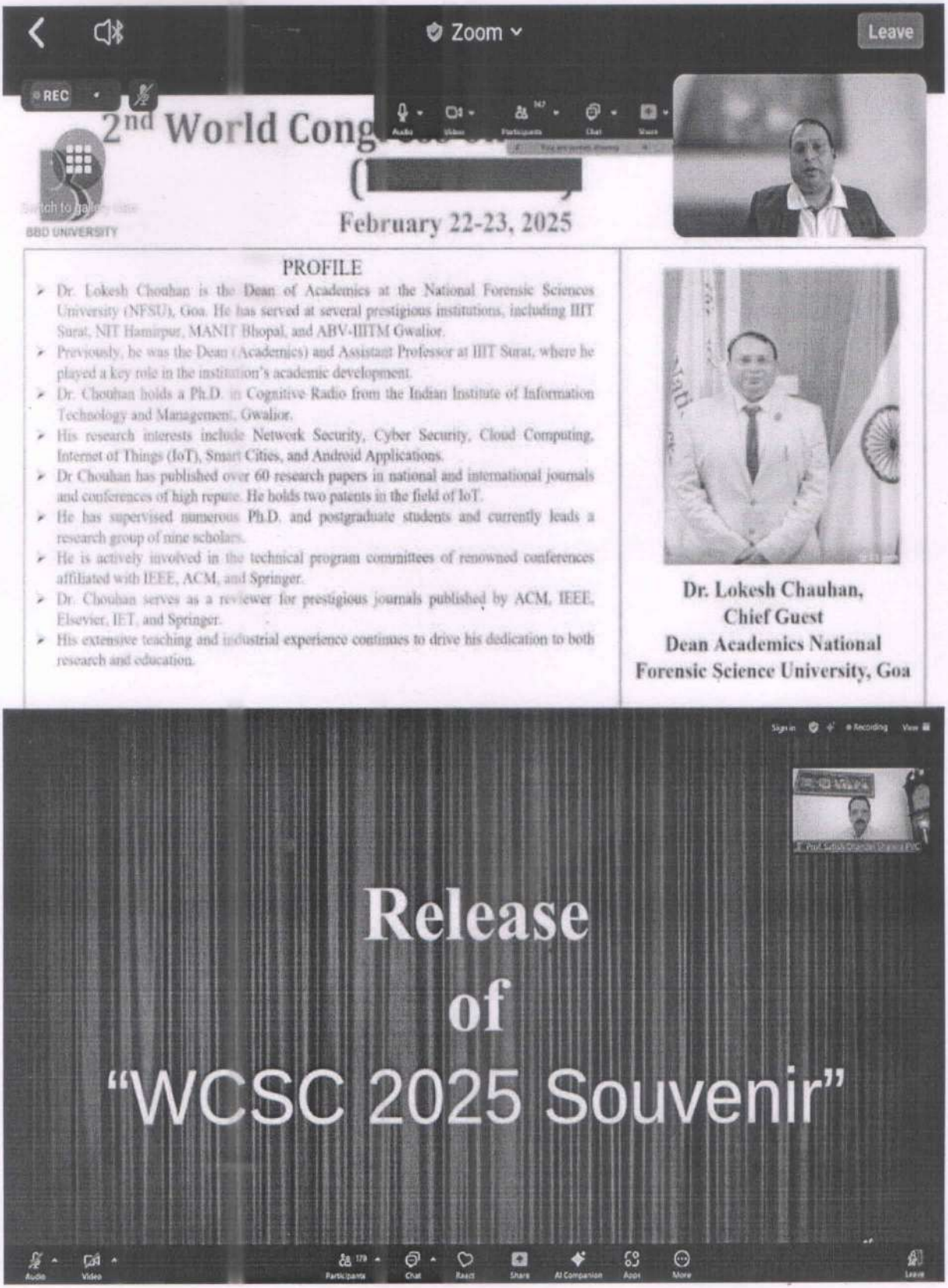
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2nd World Cong
February 22-23, 2025
BBD UNIVERSITY
PROFILE
Dr. Lokesh Chouhan is the Dean of Academics at the National Forensic Sciences University (NFSU), Goa. He has served at several prestigious institutions, including IIIT Surat, NIT Hamirpur, MANIT Bhopal, and ABV-IIITM Gwalior.
Previously, he was the Dean (Academics) and Assistant Professor at IIIT Surat, where he played a key role in the institution's academic development.
Dr. Chouhan 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 Chouhan 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 committees of renowned conferences affiliated with IEEE, ACM, and Springer.
Dr. Chouhan serves as a reviewer for prestigious journals published by ACM, IEEE, 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"
Audio
Video
Participants
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React
Share
AI Companion
Apps
More
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BABU BANARASI DAS UNIVERSITY

School of Engineering

Department of Computer Science and Engineering

Event Report

Name of Event:FDP on Agentic AI and PEGA: Practical Foundations

Date: 16th to20thJune, 2025, 7:00 PM to 9:00 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/hcr-gqpm-byx

Brief Description of Event:

The AI Research Centre, School of Engineering, BBD University, conducted a Faculty Development Program titled **"Agentic AI and PEGA: Practical Foundations"** from June 16 to June 20, 2025. This program provided a valuable opportunity for participants to explore the latest advancements in Agentic AI and PEGA. The sessions were led by **Mr. SairohithThummarakoti**, a seasoned IT professional from HCA Healthcare, Nashville, USA, whose extensive experience added great value to the FDP.

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 **cancer research and treatment**. Mr. Thummarakoti elaborated on the architecture, applications, and advantages of **Agentic AI**, as well as the importance of **Explainable AI (XAI)**. He provided clear insights into XAI's approaches, **LIME** and **SHAP**, and emphasized the significance of **PEGA** in streamlining and enhancing processes in medical research. The program successfully bridged theoretical foundations with real-world applications, making it a highly enriching experience for all participants.

BBD UNIVERSITY

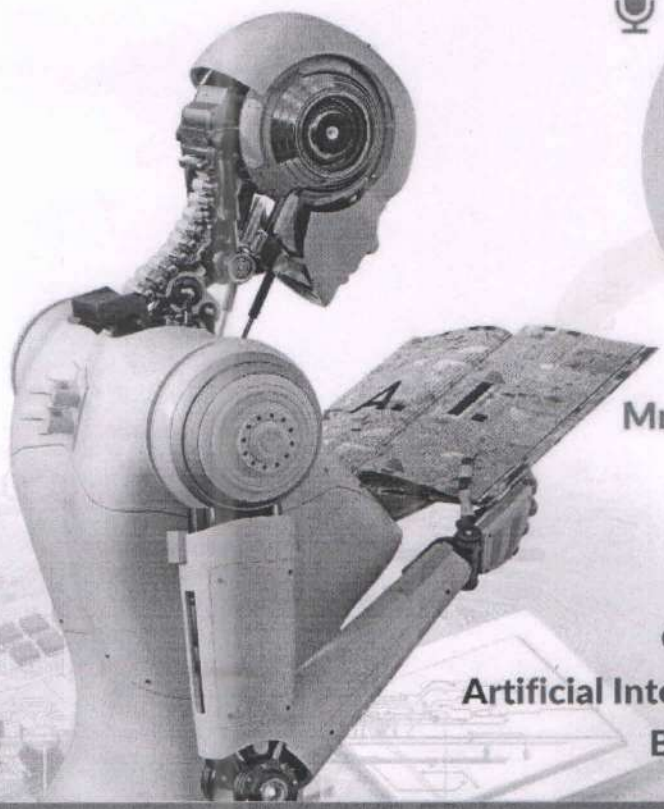
IEEE Computational Intelligence Society
Uttar Pradesh Section

SOFT COMPUTING RESEARCH SOCIETY

Faculty Development Program

AGENTIC AI AND PEGA: PRACTICAL FOUNDATIONS

June 16-20, 2025 **07:00 pm onwards**



Mr. Sairohith Thummarakoti
HCA Healthcare
Nashville, USA

Organized By
Artificial Intelligence Research Centre
BBD University

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

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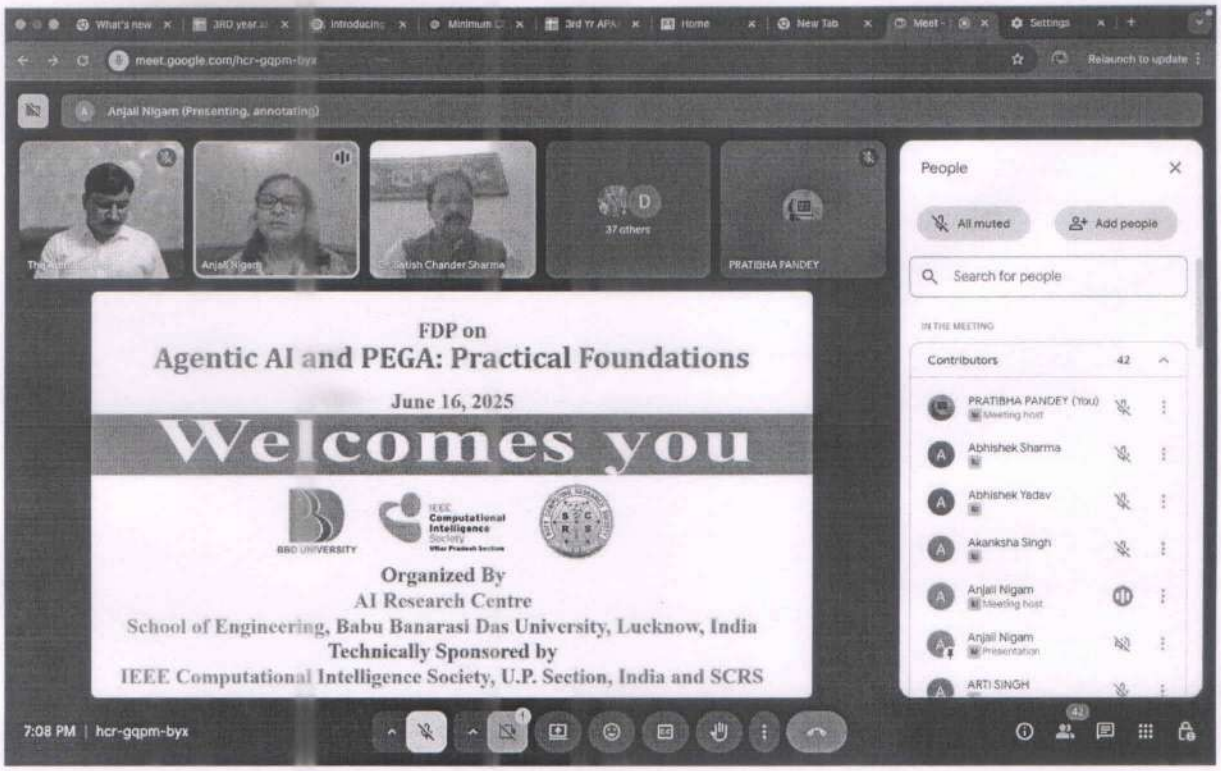
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Relaunch to update
Anjali Nigam (Presenting, annotating)
37 others
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People
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IN THE MEETING
Contributors 42
PRATIBHA PANDEY (You)
Meeting host
Abhishek Sharma
Abhishek Yadav
Akanksha Singh
Anjali Nigam
Meeting host
Anjali Nigam
Presentation
ARTI SINGH
FDP on
Agentic AI and PEGA: Practical Foundations
June 16, 2025
Welcomes you
BBD UNIVERSITY
IEEE Computational Intelligence Society
Organized By
AI Research Centre
School of Engineering, Babu Banarasi Das University, Lucknow, India
Technically Sponsored by
IEEE Computational Intelligence Society, U.P. Section, India and SCRS
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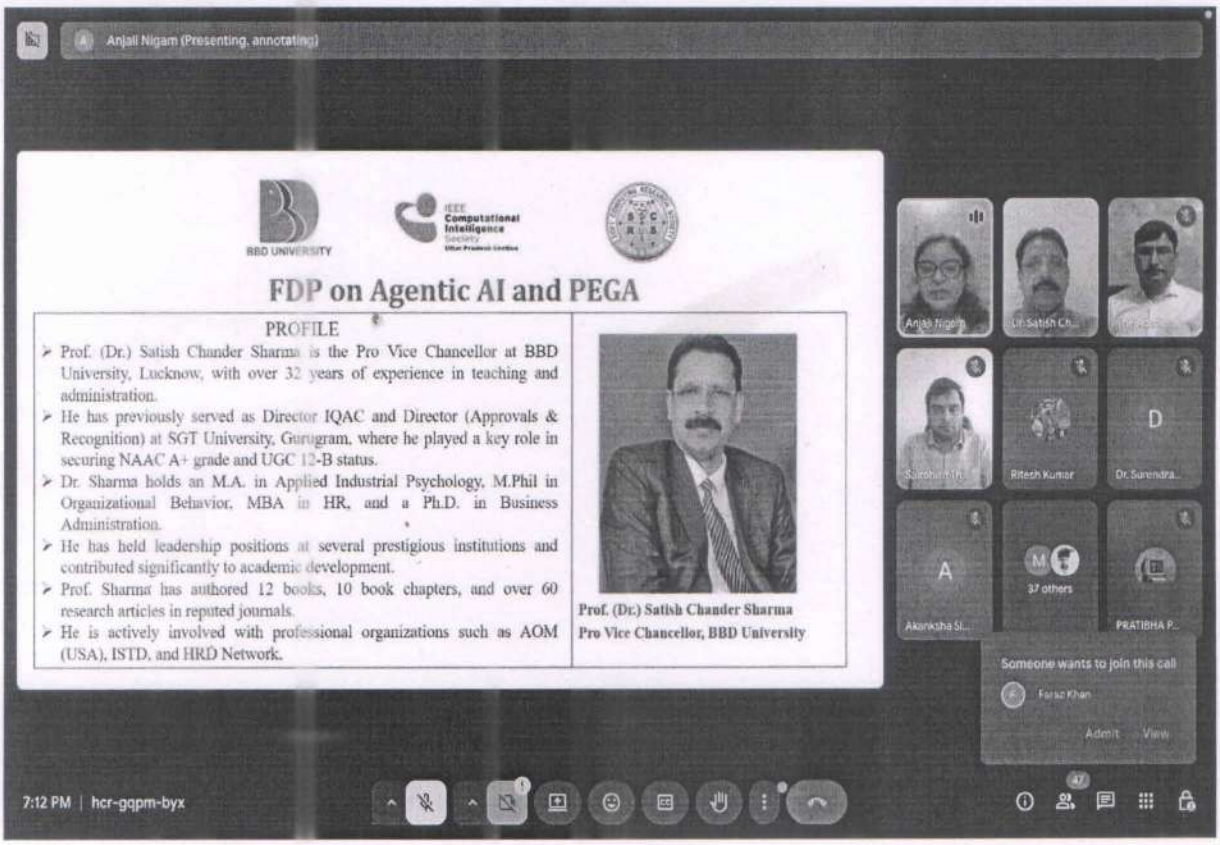
Anjali Nigam (Presenting, annotating)
BBD UNIVERSITY
IEEE Computational Intelligence Society
FDP on Agentic AI and PEGA
PROFILE
Prof. (Dr.) Satish Chander Sharma is the Pro Vice Chancellor at BBD University, Lucknow, with over 32 years of experience in teaching and administration.
He has previously served as Director IQAC and Director (Approvals & Recognition) at SGT University, Gurugram, where he played a key role in securing NAAC A+ grade and UGC 12-B status.
Dr. Sharma holds an M.A. in Applied Industrial Psychology, M.Phil in Organizational Behavior, MBA in HR, and a Ph.D. in Business Administration.
He has held leadership positions at several prestigious institutions and contributed significantly to academic development.
Prof. Sharma has authored 12 books, 10 book chapters, and over 60 research articles in reputed journals.
He is actively involved with professional organizations such as AOM (USA), ISTD, and HRD Network.
Prof. (Dr.) Satish Chander Sharma
Pro Vice Chancellor, BBD University
Ritesh Kumar
37 others
Someone wants to join this call
Faraz Khan
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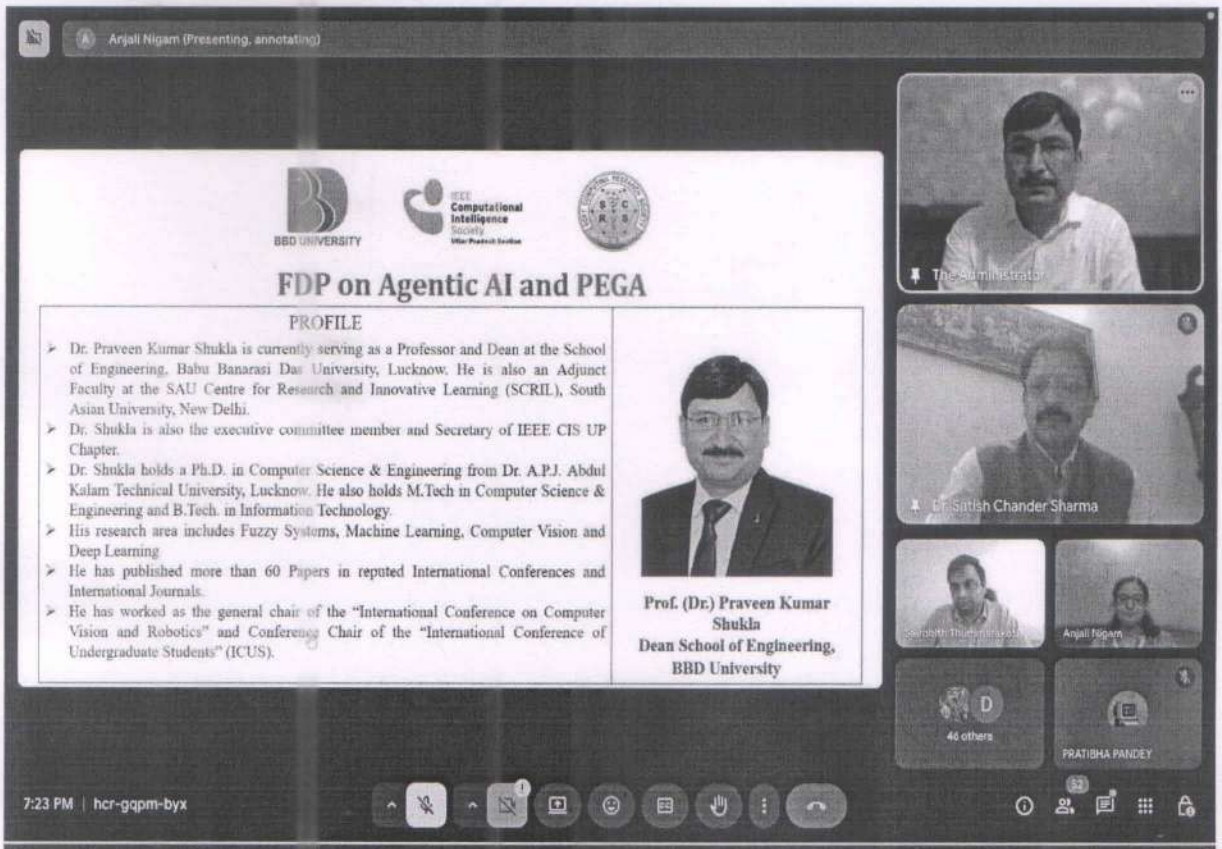
Anjali Nigam (Presenting, annotating)
BBD UNIVERSITY
IEEE Computational Intelligence Society
FDP on Agentic AI and PEGA
PROFILE
Dr. Praveen Kumar Shukla is currently serving as a Professor and Dean at the School of Engineering, Babu Banarasi Das University, Lucknow. He is also an Adjunct Faculty at the SAU Centre for Research and Innovative Learning (SCRIL), South Asian University, New Delhi.
Dr. Shukla is also the executive committee member and Secretary of IEEE CIS UP Chapter.
Dr. Shukla holds a Ph.D. in Computer Science & Engineering from Dr. A.P.J. Abdul Kalam Technical University, Lucknow. He also holds M.Tech in Computer Science & Engineering and B.Tech. in Information Technology.
His research area includes Fuzzy Systems, Machine Learning, Computer Vision and Deep Learning.
He has published more than 60 Papers in reputed International Conferences and International Journals.
He has worked as the general chair of the "International Conference on Computer Vision and Robotics" and Conference Chair of the "International Conference of Undergraduate Students" (ICUS).
Prof. (Dr.) Praveen Kumar Shukla
Dean School of Engineering,
BBD University
The Administrator
Dr. Satish Chander Sharma
Anjali Nigam
46 others
PRATIBHA PANDEY
7:23 PM | hcr-gqpm-byx

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Relaunch to update
Anjali Nigam (Presenting, annotating)
BBD UNIVERSITY
IEEE Computational Intelligence Society
FDP on Agentic AI and PEGA
PROFILE
Mr. Sairohith T. is a seasoned IT professional with over a decade of experience specializing in healthcare technology, cloud computing, and enterprise application modernization.
He currently serves as a Consultant Application Engineer at HCA Healthcare, where he leads the development and enhancement of mission-critical applications, including oncology care systems and vaccine tracking platforms used by thousands of healthcare professionals across the U.S.
He has authored multiple technical books, including "Pega Cloud 3 Modern Enterprise Solutions Guide" and "The AI Cloud Infrastructure Blueprint" and published over 20 research papers in IEEE, Springer, and leading journals.
He actively contributes to academia as a guest lecturer, research mentor, and Board of Studies member, and holds editorial and reviewer roles with several international journals.
Mr. Sairohith is also the Chair of the IEEE Computer Society Chapter (Columbia Section) and a Fellow Member of SCRS.
His current work focuses on leveraging AI, cloud, and low-code platforms to improve efficiency, scalability, and patient outcomes in healthcare systems.
Mr. Sairohith Thummarakoti
HCA Healthcare
Nashville, USA
Anjali Nigam
Ritesh Kumar
Dr. Satish Chander Sh...
Dr. Surendra...
43 others
Sairohith Thummarak...
PRATIBHA P...
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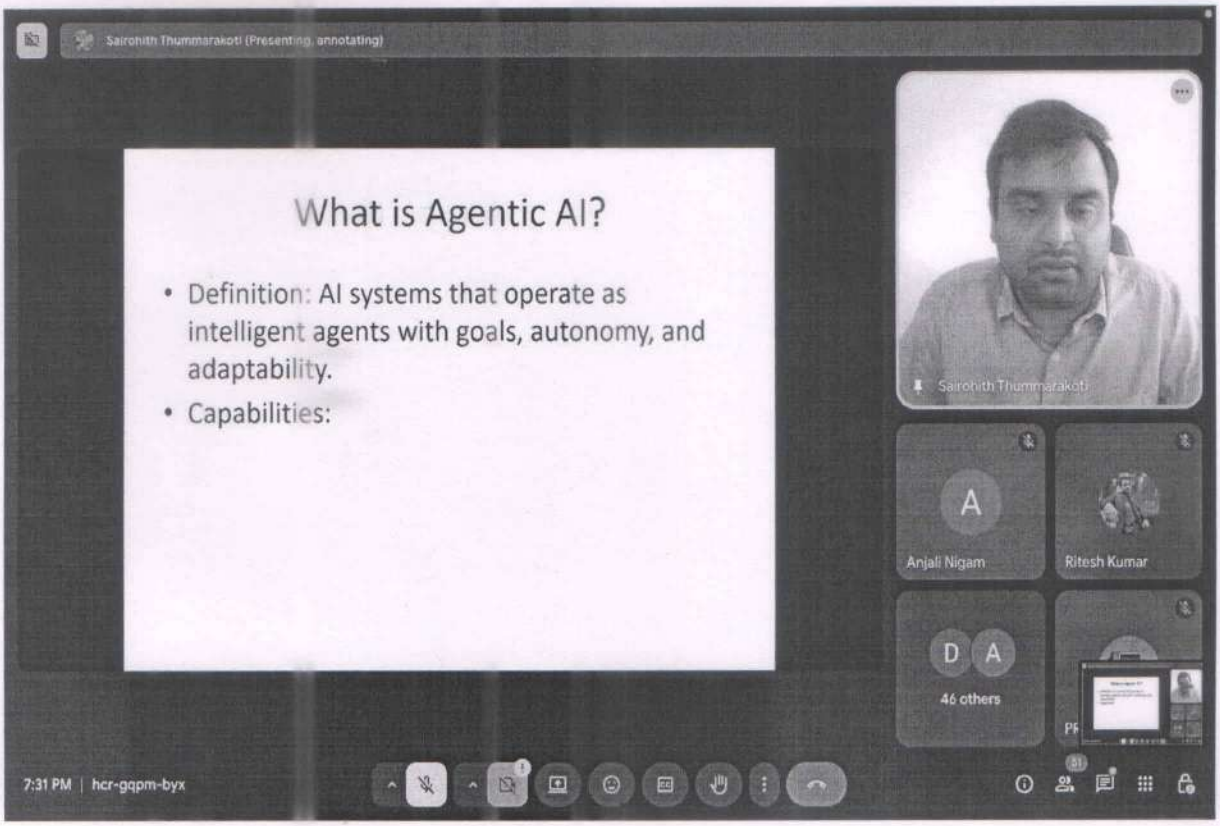
Sairohith Thummarakoti (Presenting, annotating)
What is Agentic AI?
• Definition: AI systems that operate as intelligent agents with goals, autonomy, and adaptability.
• Capabilities:
Sairohith Thummarakoti
A
Anjali Nigam
Ritesh Kumar
D A
46 others
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Sairohith Thummarakoti (Presenting, annotating)
AGENTIC AI vs TRADITIONAL AI
Autonomous, adaptable, and able to take decisions | Follow predefined rules
Independent, adaptable based on real-time data | Fixed programming and external inputs
Continuous learning & evolving | Limited by the trained data
Proactive and interactive | Reactive
Mostly autonomous | Manual oversight required
Dynamic content delivery | Static content delivery
PRATIBHA P...
A
Anjali Nigam
Ritesh Kumar
D A
45 others
D
DR. RADHE...
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BABU BANARASI DAS UNIVERSITY

School of Engineering

Department of Computer Science and Engineering

Event Report

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.

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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

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