

Placement Cell

Department of Computer Science and Engineering
Central University of Jharkhand

REPORT

Expert Industry Talk on “Intelligent Innovation for Research, Commercialization, and Monetization”

ज्ञारखण्ड केन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF JHARKHAND

Organized By:
Placement Cell
Department of Computer Science
& Engineering Venue: Online

Expert Industry Talk
Schedule: 01.07.2024

Patron
Honorable Vice Chancellor
Prof. Kshiti Bhushan Das

Speaker
Dr. Sachin Agarwal
A. Director, Heading Generative AI,
Artificial Intelligence (AI) CoE (Centre of Excellence)

HoD
Computer Science Engineering
Prof. (Dr.) S.C. Yadav

"Intelligent Innovation for Research, Commercialization and Monetization"

<https://meet.google.com/szq-syyy-zze>

The Expert Industry Talk on “Intelligent Innovation for Research, Commercialization, and Monetization” has been organized by the Placement Cell, CUJ, coordinated by Dr. Prashant Prashun on 1st of July 2024 in Online mode.

This brief report, encapsulates the key insights and takeaways from the session, which focused on leveraging intelligent innovation to drive research advancements, commercial success, and monetization opportunities.

The primary objective of this talk is to provide insights into the latest advancements in Artificial Intelligence (AI) and its practical applications in the banking and healthcare industries. Additionally, the talk aims to guide students on how to effectively pursue internships and career opportunities in AI-driven industries, emphasizing the importance of clarity, motivation, and seizing opportunities.

Our Honorable Vice Chancellor, Central University of Jharkhand - Prof, Kshiti Bhushan Das presided over the event as the Patron, Dr. Prashant Prashun, the Placement cell coordinator coordinated the event with the opening remarks and welcomed Prof. Subhash Chandra Yadav the head of the department for the welcome address of the speaker of the day, Dr. Sachin Agarwal, Director, Heading Generative AI, Artificial Intelligence (AI) CoE (Centre of Excellence), opened up the talk with the opening remarks by Dr. Prashant

AUDIENCE

The talk was organized for the students, research scholars and faculty members of the Department of Computer Science and Engineering.

SPEAKER PROFILE

Dr. Sachin Agarwal is a renowned expert in the field of intelligent innovation, with extensive experience in both academic research and industry applications. His work spans various domains, including artificial intelligence, machine learning, and technological commercialization. Dr. Agarwal's contributions to the field have been widely recognized, making him an ideal speaker for this insightful talk.

Also, Sachin is working as A. Director of AI COE (Centre of Excellence), Innovation for Generative Artificial Intelligence (Gen AI). Previously, he worked with Sony Research AI, heading Sony Research AI. He is Ph.D. (AI) from Delhi Technological University (DTU, DCE). He has also worked with Samsung R&D, Ericsson HQ Sweden, Irish Govt. Projects in Ireland and IT industries. His knowledge extends to digital devices, multimedia, telecom, metaverse, healthcare, IT, FMCG, entertainment and related sectors. Utilizing AI, Gen AI, LLM Models, and ML to drive innovation, product development and successful market launch to monetize. Emphasizes self-learning, patent protection, individual and team contribution, mentorship, leadership in diverse global regions: Asia, Europe, US, and beyond.

He applies innovation (with AI/ ML, Generative AI, patents) in research projects, market launch products for commercialization and monetization. His core competencies lie in competitive business strategy and trending market product features. Sachin has developed core technology products as World's 1st Inventor, 25 patented technology concepts, 25 research papers and 5 book chapters under his belt. In his time away from work, He enjoys painting portraits of Lord Ganesh in different unique styles (having portfolio 200+ pieces of art)

KEY INSIGHTS FROM THE TALK

1. Banking:

AI's capability to enhance fraud detection mechanisms, automate customer service processes, and optimize investment strategies was a focal point.

2. Healthcare:

Diagnostics:

Generative AI algorithms possess the ability to analyze extensive patient data, including medical records, lab results, and imaging scans, to aid in precise diagnostics.

Personalized Treatment Plans:

Generative AI facilitates the prediction of drug responses and tailoring of treatment plans based on an individual's genetic profile.

Predictive Analytics:

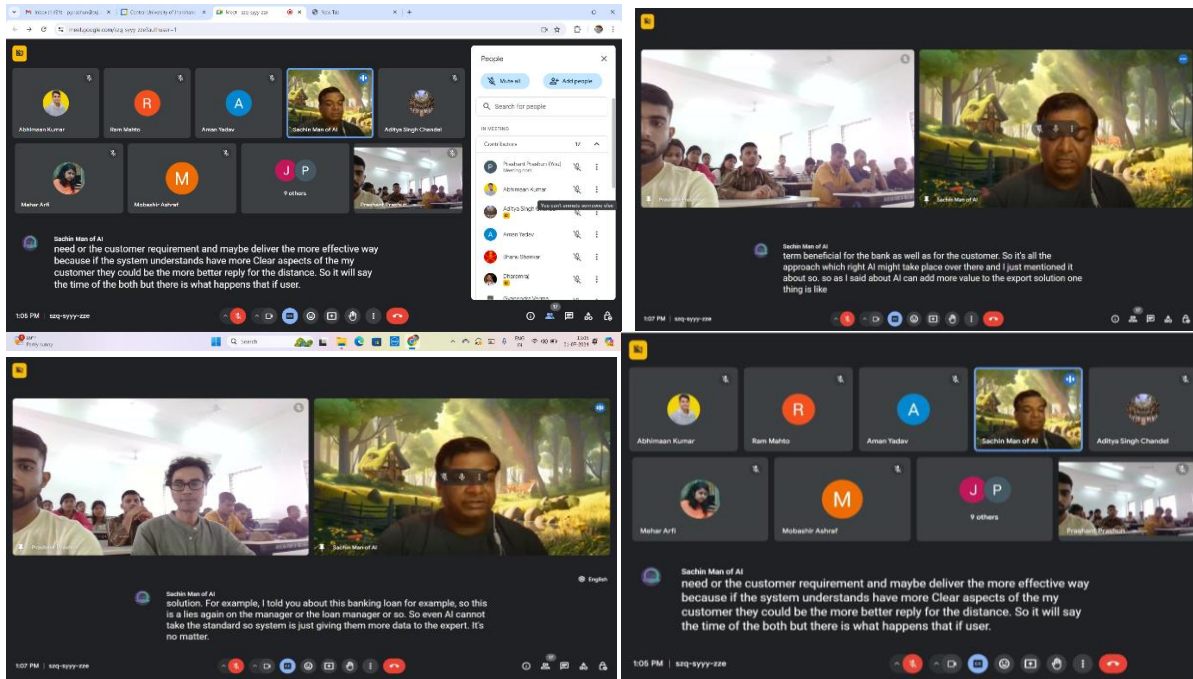
The use of generative AI in identifying hidden patterns and predicting health outcomes, thereby enabling early intervention and preventive care, was emphasized.

3. Internship Opportunities

Dr. Agarwal encouraged students to actively seek internship opportunities in AI-related fields. He emphasized the importance of clarity of purpose, motivation, and seizing every opportunity to learn and contribute.

Conclusion:

The talk underscores the transformative impact of AI on various industries, particularly banking and healthcare, highlighting the importance of being adaptable and proactive in a rapidly evolving technological landscape. Students are encouraged to maintain a clear vision, stay motivated, and seize every opportunity to learn and grow. By doing so, they can position themselves at the forefront of innovation and make significant contributions to the field of AI.



Vote of Thanks was delivered by the Shradha Singh 4th semester student of the Integrated B.Tech./M.Tech (CSE) with specialization in Machine Learning and Data Science.

The report was compiled by Mr. Krish Kumar 4th semester student of the Integrated B.Tech/M.Tech (CSE) with specialization in Machine Learning and Data Science.

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