iDSEC '24

International Data Science and Engineering Conclave

21st and 22nd October 2024

Presented by
Center for Quantitative Economics and Data Science,
Birla Institute of Technology – Mesra

In partnership with
ADROSONIC

2024-2025
Platinum Jubilee Year Celebration

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ABOUT THE CONCLAVE

As part of platinum jubilee celebration of Birla Institute of Technology, Mesra, the Center for Quantitative Economics and Data Science, in collaboration with Adrosonic, is proud to announce the inaugural International Data Science and Engineering Conclave, to be held on October 21st- 22nd, 2024. This event also marks the official launch of the Digital Innovation Lab, a pioneering industry-academia collaboration between Birla Institute of Technology, Mesra, and Adrosonic.

With the theme to focus on algorithms and cutting-edge applications, the conclave will cover a range of topics, including Data Science, Data Engineering, Artificial Intelligence & Machine Learning, Quantum Computing and Algorithms, Hyperspectral Data Analytics, Blockchain & Cryptocurrencies.
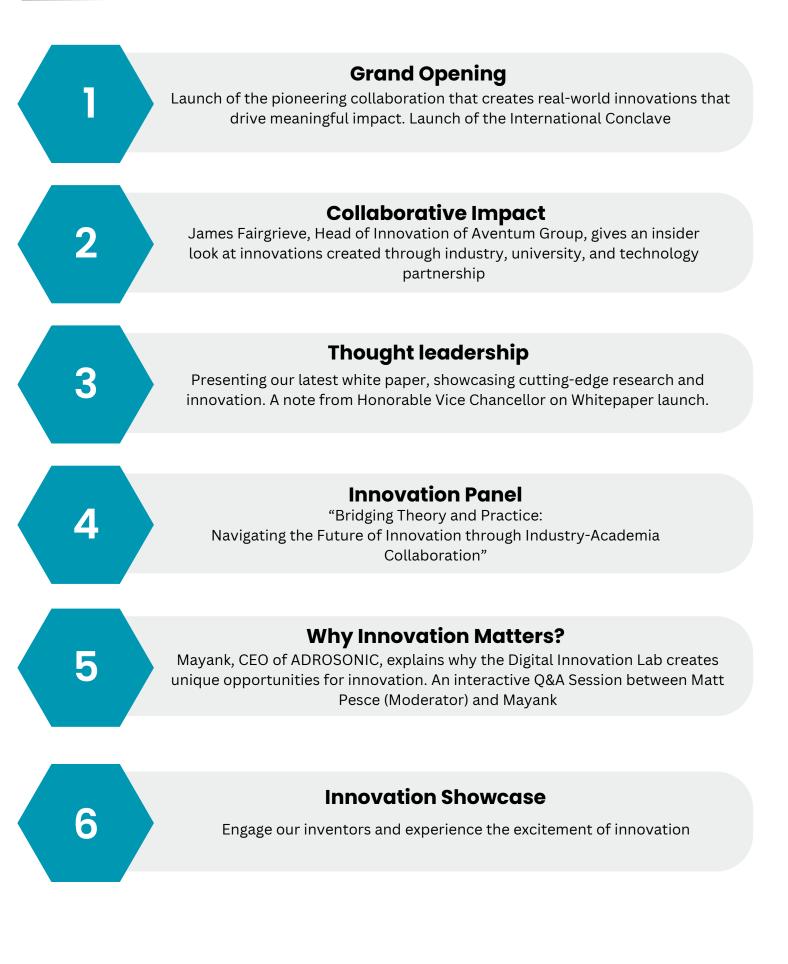
The event will bring together industry leaders, researchers, and academicians to discuss the latest innovations in data engineering, machine learning, and artificial intelligence, particularly emphasizing the Banking, Financial Services, and Insurance (BFSI) sector. Attendees can look forward to having insightful discussions, live demonstrations, and expert presentations highlighting innovative technologies and applications across domains.

The conclave will also explore the importance of data science in transforming risk management, fraud detection, customer experiences, and product delivery across various industries. The event will serve as a dynamic forum for knowledge sharing and fostering collaboration among diverse stakeholders to accelerate innovation in data-driven technologies.

EVENT DETAILS

1

Grand Opening
Launch of the pioneering collaboration that creates real-world innovations that drive meaningful impact. Launch of the International Conclave

2

Collaborative Impact
James Fairgrieve, Head of Innovation of Aventum Group, gives an insider look at innovations created through industry, university, and technology partnership

3

Thought leadership
Presenting our latest white paper, showcasing cutting-edge research and innovation. A note from Honorable Vice Chancellor on Whitepaper launch.

4

Innovation Panel
"Bridging Theory and Practice:
Navigating the Future of Innovation through Industry-Academia Collaboration"

5

Why Innovation Matters?
Mayank, CEO of ADROSONIC, explains why the Digital Innovation Lab creates unique opportunities for innovation. An interactive Q&A Session between Matt Pesce (Moderator) and Mayank

6

Innovation Showcase
Engage our inventors and experience the excitement of innovation

THE NOTABLE PANEL

James Fairgrieve, Head of Innovation, Aventum Group, London, UK.

James Fairgrieve serves as the Head of Innovation at Aventum Group in London. He is currently spearheading research and development efforts focused on technology and innovation, in partnership with Adrosonic and the Digital Innovation Lab.

Mayank, CEO & Managing Director, ADROSONIC

Mayank founded ADROSONIC in 2013 with a vision to deliver business outcomes powered by technology. With nearly two decades of global experience in the IT services industry, he remains actively involved with the Digital Innovation Lab, helping to mentor and foster young talent at BIT Mesra.

Dr. Manish Kumar Pandey, Assistant Professor of Data Science and Head, Digital Innovation Lab

Dr. Manish, Assistant Professor of Data Science at BIT Mesra and Head of the Digital Innovation Lab, specializes in AI/ML and Data Science, applying his expertise across diverse domains. For the past two years, he has been actively driving the lab's development and overseeing its research and innovation initiatives.

Neeraj Kumar, Director Quality Engineering, ADROSONIC

Neeraj, an engineering graduate from BIT Mesra, ensures quality best practices and governance at ADROSONIC. Since joining as Manager Consultant in 2014, he has been pivotal in equipping teams with the skills, tools, and processes to deliver exceptional customer engagements. Neeraj is passionate about learning new technologies and identifying innovative business strategies, continuing to be a driving force in the organization.

Matt Pesce, Chief Marketing Officer and General Manager, ADROSONIC

Matt is the Chief Marketing Officer of ADROSONIC, where he is responsible for ensuring that customers remain central to everything we do. He has instilled the philosophy of adding value in every touchpoint with customers and prospects.

Kamlesh Yadav, Lead Business Consultant, Data Science & Innovation, ADROSONIC

Kamlesh serves as the Lead Business Consultant, heading the Data Engineering and Analytics division at Adrosonic. He represents the Innovation Team, driving research and development initiatives in collaboration with the Digital Innovation Lab and Aventum Group.

ORGANISING COMMITTEE

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Prof. Indranil Manna, Vice-Chancellor, BIT, Mesra

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Prof. Kunal Mukhopadhyay
Head, Center for Quantitative Economics and Data Science

Convener
Dr. Manish Kumar Pandey
Assistant Professor (CQEDS),
Head (Digital Innovation Lab)

Mr. Mayank
CEO & MD (Adrosonic),
Member, Board of Studies (CQEDS)

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Mr. Parth Surydhwaj (PhD)
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