



**aspire**  
IITB Research Park  
Foundation



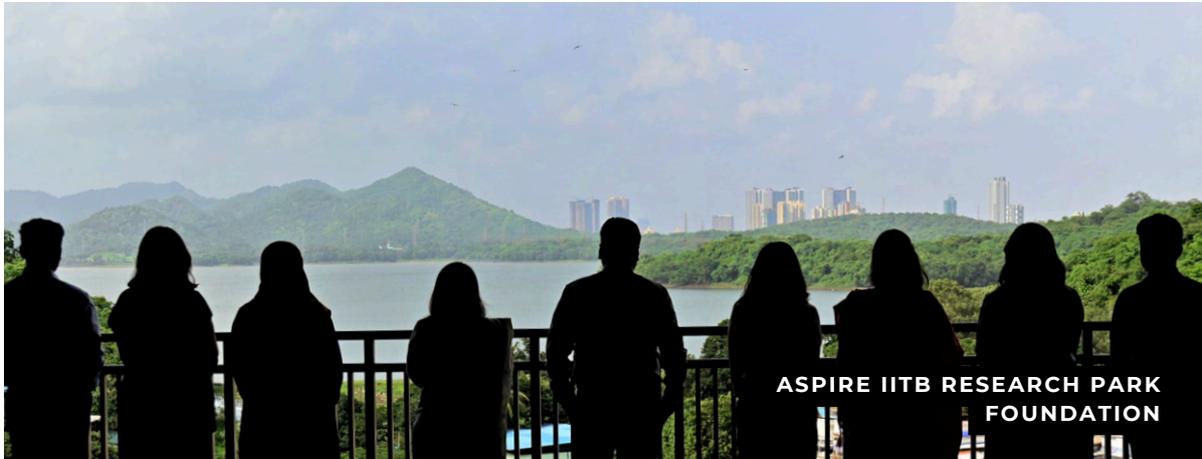
# ASPIRE's

## THE INNOVERSE GRID

June 2025



# The Innoverse Grid



## “Greetings from ASPIRE, the Research Park at IIT Bombay!

ASPIRE is envisioned as a dynamic space where academia and industry are collocated – with the convergence of state-of-the-art research facilities, expertise, and talent from both sides. To collaborate and co-create solutions to real-world problems.

Today, I am happy to see this vision taking shape with the growing community of member companies at ASPIRE. This seems to be just the right time to open a window to showcase achievements and initiatives on both sides – IIT Bombay and ASPIRE members, which would be most interesting from the perspective of collaboration between the two. This new window is The Innoverse Grid, the ASPIRE newsletter in front of you.

I am confident that it will prove to be a useful communication platform connecting IIT Bombay and its industry partners at ASPIRE. Together, let us continue to build bridges between research and real-world impact.”

Prof. Shireesh Kedare  
Chairman, Board of Directors, IITB Research Park Foundation  
Director, Indian Institute of Technology Bombay



## Vision to Impact: Journeying with ASPIRE

Imagine a space where innovation is shaped, nurtured and refined to attain perfection; that's the essence behind ASPIRE's foundation. The journey began with the vision that was born at IIT Bombay - to bridge the gap between academia and industry. The initiative that was aimed towards accelerating the journey from lab to market has today evolved into a thriving, not-for-profit ecosystem.

ASPIRE fuels innovation, fosters a space for research, innovation and industry to converge to co-create solutions for a better tomorrow. It is indeed a dynamic hub where ideas transcend into real-world solutions.

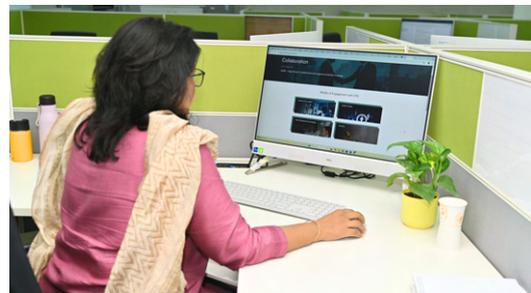
Hon'ble Prime Minister Shri Narendra Modi inaugurated the G+14 floor ASPIRE- IIT Bombay Research Park on February 20, 2024. ASPIRE harnesses a research ambience with the synergy of IIT Bombay's intellectual prowess, cutting-edge R&D infrastructure, and the dynamic technology landscape.

Experience the pulse of innovation that paves the way for smarter solutions in the times ahead!



Established to unite academic insight and industry application, ASPIRE now flourishes as a catalyst for translating science and technology into practical solutions. The IIT Bombay Research Park aims to create, connect and convert ideas into concrete solutions.

Collaboration across diverse domains at ASPIRE seamlessly pushes the limits of potential and forges a future defined by innovation and advancement.



We are dedicated to nurturing an ecosystem where innovation thrives and transformative ideas are brought to life.

Driven by a commitment to solving real-world challenges, we work to strengthen the education and research landscape, inspiring future leaders and innovators.

Our ethos is anchored in Integrity, Excellence, Accountability, Transparency, and Empathy. By promoting collaboration between academia and industry, we strive to advance innovation, remain accountable to our stakeholders, operate with transparency, and respond to societal needs with empathy.

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# Connect. Collocate. Collaborate.



## Applied Materials India

Our anchor member since 2015, Applied Materials has been actively collaborating with IIT Bombay for the last two decades, setting a benchmark for successful Industry-Academia Engagements. A global leader in providing innovative hardware and software solutions for advanced semiconductor and display equipment manufacturing, Applied Materials continues to set a benchmark for impactful and enduring Academia-Industry engagements.



## Ubisoft

Ubisoft collaborated with IIT Bombay to advance game automation research using Machine Learning and Artificial Intelligence. On July 22, 2018, Ubisoft joined IIT Bombay Research Park to explore innovative applications in game automation. A global leader in the video game industry, Ubisoft is the creative force behind acclaimed franchises like Assassin's Creed, Far Cry, and Just Dance. This collaboration marked a significant step toward integrating cutting-edge research with the future of interactive entertainment.



## Murata

A member of IIT Bombay Research Park since 2019, Murata is a global leader in electronics design and manufacturing. Their collaboration with IIT Bombay encompasses faculty-led research initiatives and active support for nurturing the institute's dynamic startup ecosystem.



## NeoDocs

Founded by IITB alumni, Neodocs joined ASPIRE in 2021 and is developing a breakthrough smartphone-based wellness tracker. Their AI-powered platform interprets physiological data to generate smart health reports in vernacular languages, bringing accessible healthcare to the forefront.



## Bukhanwala

An ASPIRE member since 2022, Bukhanwala Industries is a pioneer in high-performance ceramics. Their recent initiative, the "Bukhanwala Brothers Fellowship," launched in 2024, will support M.Tech student sponsorship, strengthening the bridge between industry contribution and academic growth.



## JSW

JSW Steel joined ASPIRE in 2023 and has demonstrated an impactful commitment through a significant contribution to IIT Bombay. This includes the creation of a steel technology hub and the prestigious "Sajjan Jindal Steel Professor" chaired position, marking a new chapter in academic excellence and industrial innovation.



## AWL

A member since 2022, AWL AI India is a Tokyo-headquartered leader in AI-driven video analytics for retail. Their collaboration with IIT Bombay, which began in 2020, focuses on edge AI technologies, including smart cameras and digital signage solutions, advancing real-time intelligent systems.



## Krystalvision

Krystalvision, onboard since 2023, is a Pune-based innovator in X-ray solutions for security, food inspection, and explosives detection. Their active partnership with Prof. Suyash Awate, Dept. of Computer Science and Engineering at IIT Bombay, enables the co-development of next-generation detection technologies with real-world impact.



## Steering the Spark: Our Prime Movers

“Dear colleagues - from IIT Bombay, ASPIRE members, and beyond,

It has been an honor for me to serve as the Professor-in-Charge of the IITB Research Park for these last three years.

I am happy that our new building is now functional; with 30+ companies poised to move in. I am sure this will mark a take-off point for industry-IITB partnership, which ASPIRE will keenly facilitate. The new space has enabled the growth of the ASPIRE team itself, in preparation for its enlarged role.

One key enabler there will be information sharing between both sides of the partnership. Towards that, ASPIRE is pleased to present the very first edition of its newsletter, The Innoverse Grid. I request your support in growing it to its full potential.

It is with a feeling of great comfort that I now hand over charge to my accomplished colleague, Prof. Vikram Vishal. I wish him - and the highly dedicated ASPIRE team that he will now lead - the very best of luck, and the strongest of cooperation from you all, in advancing our partnership.”

Signature

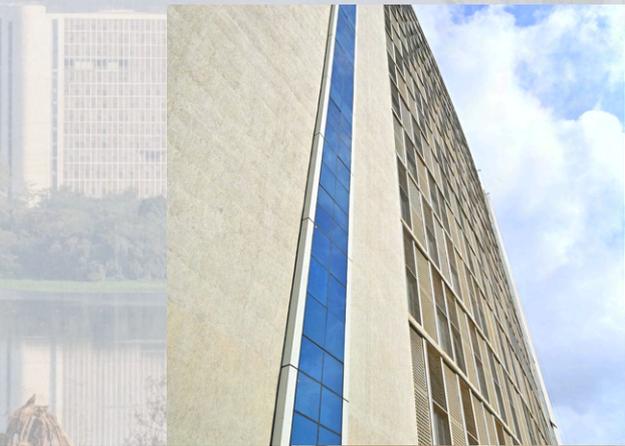
Swaroop Ganguly, Professor-In-Charge (February 2022 - June 2025)  
ASPIRE-IIT Bombay Research Park Foundation

“Dear Valued Stakeholders,

I feel privileged to take forward ASPIRE's initiatives, and build on a vibrant ecosystem where ideas flourish, technologies emerge and partnerships thrive. Your sustained engagement forms the backbone of ASPIRE, and is key to shaping a high-impact innovation hub. We look forward to working closely with you.”

Signature

Vikram Vishal, Professor-In-Charge (June 2025)  
ASPIRE-IIT Bombay Research Park Foundation



# Our Members



*Thank you for reading!*

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