



Press Release

BEML Partners with IISc Bengaluru and FSID to Advance Next-Generation Research

February 04, 2026 | Bengaluru: BEML Limited has entered into a strategic tripartite research collaboration with the Indian Institute of Science (IISc), Bengaluru, and the Foundation for Science, Innovation and Development (FSID)—IISc’s innovation and incubation arm—to advance blue-sky, applied and translational research across emerging engineering and technology domains. The partnership is aimed at driving next-generation research and technology development in critical areas including aerospace and defence, rail and metro systems, mining and construction equipment, maritime technologies, next-generation mobility, green technologies, and advanced manufacturing.

The collaboration has been formalised through the signing of a Tripartite Master Research Agreement (MRA), establishing a structured framework for joint research execution, access to research infrastructure and operational alignment. The agreement was signed at the IISc campus in the presence of Shri Shantanu Roy, Chairman & Managing Director, BEML Limited; Professor Govindan Rangarajan, Director, IISc Bengaluru; and Professor B. Gurumoorthy, Director, FSID, along with senior leadership from BEML, including Shri Anil Jerath, Director (Finance); Shri Debi Prasad Satpathy, Director (Human Resources); and Dr Shailendra V. Gade, Advisor, as well as senior representatives from all three institutions.

Commenting on the collaboration, Shri Shantanu Roy, said: “This strategic partnership with IISc and FSID represents a significant milestone in BEML’s evolution as a future-ready, innovation-led engineering enterprise. By integrating academic excellence, advanced research and industrial engineering capabilities, we aim to accelerate the development of critical technologies across defence, mobility, infrastructure and green manufacturing. This collaboration strengthens our commitment to indigenisation, technological leadership and the creation of globally competitive solutions aligned with national priorities.”

Professor B. Gurumoorthy, Director, FSID, added: “This collaboration is an important step in strengthening the industry–academia–innovation ecosystem. By bringing together BEML’s Central Research Facility, IISc’s strong scientific expertise, and FSID’s innovation and execution capabilities, we aim to accelerate the journey from advanced research to real-world technologies. Such partnerships are essential to building India’s self-reliance, particularly in strategic areas like defence, mobility, and advanced manufacturing.”

The collaboration will be anchored through BEML’s newly established Central Research Facility (CRF), envisioned as a centre of excellence for advanced research, technology development and proof-of-concept initiatives aligned with BEML’s long-term strategic and technological roadmap. The framework enables structured collaboration, joint knowledge creation and technology

development by leveraging IISc's academic leadership, FSID's innovation ecosystem and BEML's deep expertise in engineering, manufacturing and system integration.

Under the partnership, the institutions will jointly undertake exploratory and applied research, simulation and modelling, prototype development, validation of critical technologies and generation of intellectual property. BEML has committed significant R&D investments to support and sustain the collaborative research programmes under this initiative.

Aligned with BEML's R&D Policy, statutory requirements and global best practices in research governance, this tripartite collaboration aims to build a sustainable, innovation-led research ecosystem—advancing scientific and technological frontiers while strengthening national self-reliance, industrial competitiveness and long-term technological leadership.

About BEML Limited:

BEML Limited, a leading multi-technology 'Schedule A' company under the Ministry of Defence, plays a pivotal role in serving India's core sectors, including Defence, Rail, Mining, and Construction, by offering world-class products. BEML operates in three verticals: Defence & Aerospace, Mining & Construction, and Rail & Metro. It has state-of-the-art manufacturing facilities located in Bengaluru, Kolar Gold Fields (KGF), Mysore, and Palakkad, with a strong R&D infrastructure and a nationwide sales and service network. With a legacy spanning six decades, BEML is a committed player in manufacturing earthmoving, transportation, and construction equipment, driving excellence and innovation.

About FSID: The Foundation for Science, Innovation and Development (FSID) is the single-window interface to the deep science and deep-tech capabilities of the Indian Institute of Science (IISc). A Section 8 company under the Companies Act, 2013, promoted by IISc, FSID enables collaboration with industry, government, enterprises, and startups. It supports engagements across collaborative research, incubation, product development, and consulting. FSID also acts as the formal channel for receiving industry-funded research, providing administrative, financial, and contract management support. All IISc research projects are governed through tripartite agreements between the client, FSID, and IISc, ensuring efficient execution and impactful translation of research into societal and industrial value.

About IISc: The Indian Institute of Science (IISc) was established in 1909 by a visionary partnership between the industrialist Jamsetji Nusserwanji Tata, the Mysore royal family and the Government of India. Over the last 115 years, IISc has become India's premier institute for advanced scientific and technological research and education. Its mandate is "to provide for advanced instruction and to conduct original investigations in all branches of knowledge as are likely to promote the material and industrial welfare of India." In 2018, IISc was selected as an Institution of Eminence (IoE) by the Government of India, and it consistently figures among the top Indian institutions in world university rankings.



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(Event Pics Below)



