



भारतीय प्रौद्योगिकी संस्थान मुंबई
INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

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FOR IMMEDIATE RELEASE

**IIT Bombay and Alibi Global Announce Technology Transfer Agreement
for Innovative Spherical Robot**

Mumbai, April 29, 2024: The Indian Institute of Technology Bombay (IIT Bombay) and Alibi Global Private Limited are pleased to announce the signing of a License and Consultancy Agreement for the transfer of technology related to the Spherical Robot for Room Intervention. This landmark agreement was signed at IIT Bombay by Prof. Sachin Patwardhan, Dean (R&D) of IIT Bombay, and Dr. SP Sunil, Director of Operations at Alibi Global.

The Spherical Robot, a state-of-the-art surveillance technology developed for use by defense and law enforcement agencies, is designed to operate in hazardous environments compromised by hostile forces. This compact, tele-operated robot, approximately the size of a handball, can be deployed with ease into difficult terrains, providing real-time panoramic visual feedback to its operators.

This technology was developed at the National Centre for Excellence in Technology for Internal Security (NCETIS), a MeitY (Ministry of Electronics and Information Technology)-funded center at IIT Bombay. The project was led by Prof. Leena Vachhani and Prof. Abhishek Gupta, whose team's innovation is now poised to enhance the tactical capabilities of security forces across the nation. It is one of the flagship projects appreciated by security agencies and police forces, says Prof. B.G. Fernandes, Professor-in-Charge, NCETIS.

Under the terms of the agreement, IIT Bombay will also provide handholding support to Alibi for bulk production and further customization of the technology to meet the specific needs of defense and paramilitary forces.

Alibi, a pioneering cyber intelligence and digital forensic startup company based in the CDAC building at Technopark, Trivandrum, has been an active contributor to India's defense and law enforcement sectors for over three years and is proud to collaborate with IIT Bombay for bringing

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Indian Innovations to the forefront of the global market under the Make In India initiative, stated Shyam KM, the Business Director of Alibi. This collaboration marks a significant milestone in the advancement of domestic technology and reinforces the commitment of both institutions to supporting national security through innovation.

For further information, please contact:

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About IIT Bombay:

Indian Institute of Technology Bombay, set up in 1958 as the second IIT, is recognised worldwide as a leader in the field of engineering education and research. The Institute was granted the status of 'Institution of Eminence' by the Ministry of Education (the then Ministry of Human Resources Development) on July 9, 2018. IIT Bombay is reputed for the quality of its faculty and the outstanding calibre of students graduating from its undergraduate and postgraduate programmes. The Institute has 17 academic departments, 31 (Centres/ Programmes/ Academic facilities), three schools and three Interdisciplinary programmes. Over the last six decades, more than 70,000 engineers and scientists have graduated from the Institute. It is served by more than 715 faculty members considered not only amongst the best within the country but also highly recognised in the world for achievements in the field of education and research. On April 10, 2024, IIT Bombay was ranked 45th in Engineering and Technology in the Quacquarelli Symonds (QS) World University Rankings by Subject for 2024.

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