

“TDB-DST approves support to M/s MLIT-18 Technology Private Limited; the company aims to commercialize Machine Vision and Robotics System for Automation in Manufacturing Industry”

“IIT Kanpur incubated startup gets TDB-DST funding; TDB aids startup for 4.12 crores for commercializing Machine Vision and Robotics System for Automation in Manufacturing Industry”

Posted On: 10 APR 2023 6:43PM by PIB Delhi

Innovative solutions that unite Artificial Intelligence and Robotics are going to be the key stone for next generation industrial revolution. The Government of India under the leadership of Hon'ble Prime Minister organized "RAISE-2020" to focus Artificial Intelligence (AI) as the key for digital economy and started many programs with a vision to 'Make AI in India and Make AI work for India'. To support this Government initiative, Department of Science & Technology has implemented the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), which is implemented through 25 Technology Innovation Hubs across India.



To further enable this, Technology Development Board has now entered into an agreement with the company M/s MLIT-18 Technology Private Limited for "Commercialization of Machine Vision and Robotics System for Automation in Manufacturing Industry". The board has pledged a support of ₹4.12 Crores out of the total project cost of ₹5.89 Crores. The company is incubated at the Startup Incubation and Innovation Centre, Indian Institute of Technology, Kanpur.

The company has indigenously developed solutions which will be a direct substitute to the Quality Assurance and Inspection system for industrial automation in manufacturing industries and railways. In the project under TDB support, the company has proposed an import substitute for many major automation solutions like wagon inspection, thermal detection in mining industries, sieve analysis and pre-delivery inspection in

automobile industry. The working system is already deployed at the customer sites like Ultratech (Aditya Birla), Birla copper unit, Mahindra Igatpuri etc. The entire design, algorithm and assembly in the developed product is indigenous. The company has a manufacturing site at Maharashtra for the realization of AI and robotics systems in the automation industry and railway.

Speaking on the occasion, the promoters of the company, Shri Manish Choudhary and Shri Girish Nair stated that the support and assistance from TDB will enable the company for indigenization of the technology across various industries in India and contribute to the Atmanirbhar Bharat initiatives of the Government in AI and Robotics field.

Sh. Rajesh Kumar Pathak, Secretary, TDB said that, “We at TDB strongly believe that Artificial Intelligence after Fire and Electricity is one such invention which will have massive impact on common people. The technology under the project based on the AI and Robotics system may find diverse applications across sectors such as manufacturing industries, railway system, defence, aerospace and many others. Further, this will contribute to the idea of ‘Make AI in India and Make AI work for India’ of the Hon’ble Prime Minister.”

SNC/SM

(Release ID: 1915395)