

Trimble Contributes Inertial Navigation Solutions to the Indian Institute of Technology in Kanpur Supporting the Country's Commitment to Becoming a Leader in the UAV Industry

Students in India to learn with the latest, cutting edge UAV mapping technology

WESTMINSTER, Colo., Nov. 29, 2023 /PRNewswire/ -- Trimble (NASDAQ: TRMB) announced today a collaboration with the Indian Institute of Technology in Kanpur (IIT Kanpur) to support a new program in uncrewed aerial vehicles (UAV) to be offered by the Department of Aerospace Engineering. A signing ceremony to officially launch the program was held on October 26 and attended by Professor Tarun Gupta, dean of research and development; Professor Onkar Dikshit; Professor Bharat Lohani; Major General Dr. B. Nagarajan; and Professor Salil Goel from IIT Kanpur. In attendance from Trimble were Rajan Ayer, managing director, India; and Sanjeev Trehan, director, business development and sales.

Trimble has contributed direct georeferencing (DG) products for UAV survey and mapping to the institution. This includes a suite of Applanix board sets and the supporting processing software. In addition to the hardware and software, Trimble will also provide training and support to educate the UAV engineering team on how best to integrate and use the products within their teaching curriculum.

India is projected to be the fastest growing UAV market by 2025, according to a [recent report](#) by PricewaterhouseCoopers. With this collaboration, the country will gain local expertise in developing a set of best practices for UAV georeferencing, while developing future generations with the knowledge of and capability to work with the latest UAV technology.

"We are excited to spearhead the development of UAV technology in and for our country, which is being put in the spotlight under a new government sponsored mandate for 'Made in India' commercial UAV solutions," said Professor Salil Goel, PhD in philosophy in geomatics and will be using the technology in his student's coursework and lab exercises and for further research and development. "Our collaboration with Trimble will allow India to leverage the technology for the country's agriculture, telecom, urban development and other industries."

IIT Kanpur was declared an Institute of National Importance by the Government of India under the Institutes of Technology Act. With a dedicated program for UAV education, it receives government funding to develop UAV technology and build out labs to support student training and research. IIT Kanpur's researchers are credited with creating the first solar powered UAV developed in India, named MARAAL-1 and MARAAL-2.

About Trimble

Dedicated to the world's tomorrow, Trimble is a technology company delivering solutions that enable our customers to work in new ways to measure, build, grow and move goods for a better quality of life. Core technologies in positioning, modeling, connectivity and data analytics connect the digital and physical worlds to improve productivity, quality, safety, transparency and sustainability. From purpose-built products and enterprise lifecycle solutions to industry cloud services, Trimble is transforming critical industries such as construction, geospatial, agriculture and transportation to power an interconnected world of work. For more information about Trimble (NASDAQ: TRMB), visit: www.trimble.com.

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