

IIT-I to train 1k in Unmanned Aircraft Systems technology

TIMES NEWS NETWORK

Indore: The Indian Institute of Technology, Indore (IIT-I), is planning to impart training to over 1000 students in the cutting-edge field of Unmanned Aircraft Systems (UAS) technology by 2027 under the auspices of the SwaYaan project, spearheaded by the ministry of electronics and information technology.

IIT-I has already trained a cohort of 445 students across 12 batches on its campus, equipping them with the requisite knowledge and skills in UAS technology. The comprehensive training programme will encompass 36 intensive bootcamps, each spanning 6 days and accommodating 30 students per batch. Through this initiative, IIT-I aims to foster innovation, nurture talent, and ensure the availability of a highly skilled workforce, well-prepared to tackle the challenges of the future.

IIT-I director Professor Suhas Joshi said, "Bootcamps form the cornerstone of the SwaYaan project, providing intensive training designed to cultivate expertise in UAS technologies. They are structured to deliver both theoretical knowledge and practical skills, ensuring that participants are well-equipped to handle the complexities of drone technology in real-world scenarios".

The visionary project named 'SwaYaan', which stands for 'Capacity Building for Human Resource Development in Unmanned Aircraft Systems/Drone & related technology', is a national initiative

Representational pic



SWAYAAN PROJECT

ve spearheaded by MeitY. Its overarching objective is to develop and fortify the UAS/drone ecosystem in India, aligning with the Centre's ambitious goal of establishing the nation as a global drone hub by the year 2030.

The successful implementation of this project is being facilitated through a robust network of 30 premier academic and R&D institutions, including esteemed establishments such as IITs, IISc, IIITs, NITs, IIITDM, C-DAC, and NIELIT Centres. Among these participating institutes, IIT-I is focusing on the work theme of drone electronics, leveraging its expertise and resources to contribute significantly to the advancement of this transformative technology.

IIT-I faculty Dr Sumit Gautam said, "Each bootcamp has a combination of classroom learning and practical experience, ensuring that participants gain a holistic understanding of UAS technology. The bootcamps cover a wide range of topics, including drone operations, drone applications, safety protocols, and regulatory frameworks".