

'AI, robotics key to industrial revolution'

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Lucknow: During a review meeting of the IT and electronics department on Thursday, CM Yogi Adityanath said Artificial Intelligence and robotics are the principal foundations of the coming industrial revolution.

"While world-class manufacturing infrastructure should be developed on one hand, a strong deep tech ecosystem promoting research, innovation and entrepreneurship should also be created on the other," he said.

The CM added, "An effective coordination mechanism should be established among industry, educational and research institutions, startups, investors and technology experts so that new technologies can rapidly move from laboratories to industry, enabling Uttar Pradesh to emerge as a major hub for global technology investment."

With this objective, 'PRAGA-

TI, meaning 'Park for Robotics, Artificial Intelligence, GPU Clusters and Advanced Technical Innovation', will be developed over an area of 75 acres in Noida. This will be India's first integrated robotics and advanced manufacturing cluster, where state-of-the-art facilities such as a robotics testing and certification centre, rapid prototyping and manufacturing facility, AI compute infrastructure, motion capture lab, physical AI data centre, startup incubation and co-working spaces will be developed.

In addition, a comprehensive industrial ecosystem comprising global manufacturing companies, component manufacturers, research and development centres, and specialised service providers will also be established. The meeting was informed that Noida is the most suitable location for this project due to its electronics manufacturing eco-



CM Yogi at a meeting in Lucknow

system, excellent connectivity, Jewar International Airport, Dedicated Freight Corridor, Defence Industrial Corridor, and strong industrial and academic base. The project aims to make the state a national centre for robotics and high-technology-based manufacturing, reduce dependence on imports, generate more than one lakh direct and indirect employment opportunities, and ensure gross value addition of more than Rs 2,000 crore over the next five years.

The CM directed that the proposed U Hub should be developed not merely as a workspace

for startups but as a world-class Centre of Excellence connecting research, innovation, industry, investment, educational institutions and talent. He stated, "A robust platform should be created where technologies developed in research laboratories are commercialised, innovation receives investment, and young people get opportunities to progress from research to entrepreneurship." He directed that its operations should be entirely professional, result-oriented and aligned with global best standards.

The meeting was informed that a provision of Rs 100 crore has been made in the financial year 2026-27 for establishing two U Hubs in Lucknow and Noida. An expert committee constituted under the chairmanship of the Director of IIT Kanpur has studied national and international deep tech ecosystems and prepared its concept, structure

and operational model.

The Noida U Hub will be developed as a centre for quantum computing, semiconductor design, physical AI, robotics, defence technology and advanced biotechnology, while the Lucknow U Hub will focus on applied AI, GovTech, AI solutions for industry and healthcare, biosciences and agri-biotechnology. Through the U Hub, deep tech startups, research-based innovation, commercialisation of technology and high-value investments in the state will receive fresh momentum.

The CM said, "Providing the youth of UP with skills aligned to future technologies is the greatest need of the time." He directed that world-class training and certification systems be developed in AI, machine learning, cybersecurity, cloud computing, semiconductors, data science and other emerging technologies.