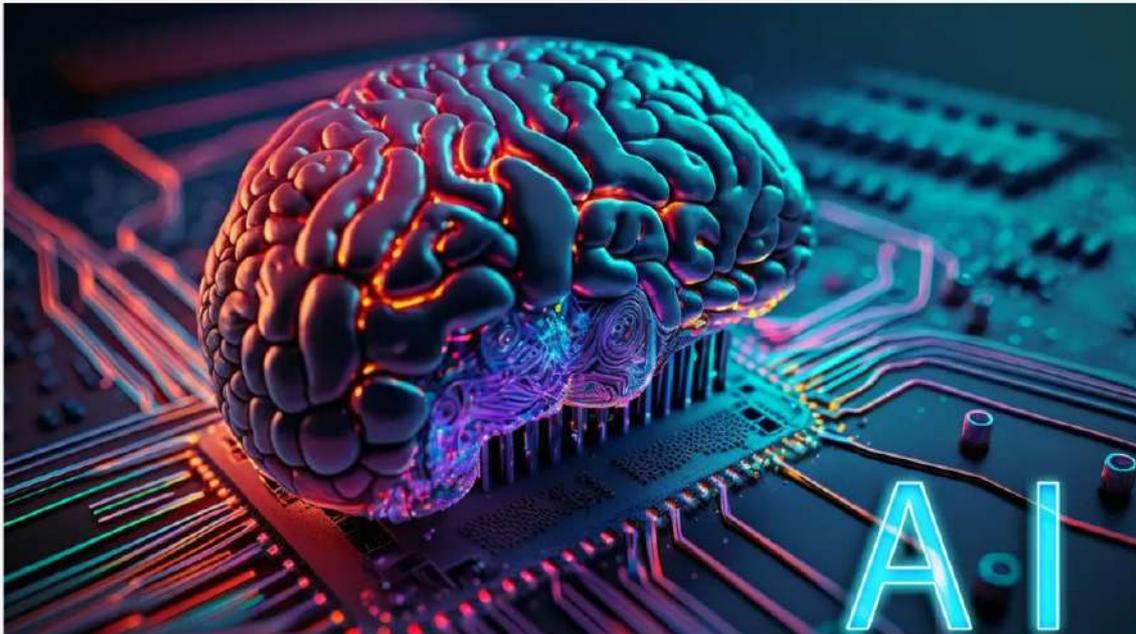


UP Govt, IIT Kanpur Sign MoU to Boost Industrial Growth With AI

The UP government has signed a MoU with the AI Center of Excellence at IIT Kanpur to drive industrial development using AI technologies.



Lucknow/Kanpur: The Uttar Pradesh government has signed a Memorandum of Understanding (MoU) with the AI Center of Excellence at IIT Kanpur to drive industrial development using Artificial Intelligence (AI) technologies. The agreement, signed between the Uttar Pradesh State Industrial Development Authority (UPSIDA) and IIT Kanpur, aims to enhance security, monitoring, operations, and smart infrastructure in industrial areas across the state.

AI to Strengthen Security and Infrastructure

The AI-powered surveillance systems will monitor industrial zones in real time, analyzing data through machine learning algorithms to detect potential threats and security risks before they escalate.

The technology will also assist in traffic management, workforce safety, and emergency response planning, improving the overall safety of industrial hubs.

In addition, IoT sensors and AI-driven predictive analytics will help in the timely detection of equipment malfunctions to reduce downtime and improve infrastructure reliability.

The integration of smart grids and automation will optimize power consumption and improve energy efficiency.

AI to Enhance Operations and Planning

According to the government statement, machine learning models will analyze industrial data, allowing businesses to optimize resource allocation, supply chain management, and strategic decision-making.

AI-powered automation will also improve logistics, inventory tracking, and production efficiency, reducing delays and increasing overall productivity.

UPSIDA CEO Mayur Maheshwari highlighted the impact of AI integration, stating, “By leveraging cutting-edge AI technologies, we are advancing toward making Uttar Pradesh’s industrial zones smarter, safer, and more efficient. This partnership with IIT Kanpur will accelerate innovation and digital transformation in our industrial ecosystem.”

A Step Towards Smart Industrial Development

With this collaboration, UPSIDA will implement smart manufacturing solutions, intelligent traffic management, waste management, and digital infrastructure to create a sustainable industrial environment. The initiative aligns with the state government’s vision to position Uttar Pradesh as a leading hub for AI-driven industrial growth in India.