

# The NSDC Weekly Pulse

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## Trending Topics of the Week!



### Shape Your Future with In-Demand Tech Skills

Source: ServiceNow Report

A recent ServiceNow report offers hope for tech professionals in India, even amidst global layoffs. The report predicts the creation of 2.73 million new tech jobs in India by 2028, driven by rapid advancements in Artificial Intelligence (AI). While the tech industry faces challenges, these opportunities underline the importance of adapting to change.

The report highlights critical skills that professionals need to focus on. Areas like software development, data engineering, AI and cloud computing are expected to see significant growth. Upskilling in these fields can help professionals stay competitive and open doors to better career prospects.

AI is particularly driving innovation across industries, creating demand for tech talent with specialised skills. As automation and digital transformation accelerate, organisations are looking for individuals who can integrate these technologies into business processes.

The message is clear: to thrive in the evolving tech landscape, continuous learning is essential. By investing in their skills, professionals can turn challenges into opportunities and secure a place in the tech-driven future.

### Empowering India's Workforce for Economic Growth

The World Bank has stressed the importance of skilling and employment to achieve India's \$5 trillion economy target. With a young and dynamic workforce, India has immense potential, but unlocking this requires coordinated action to ensure the right training and opportunities.

The focus on skilling is vital as industries evolve with digitalisation and global competition. Emerging sectors like AI, green energy and advanced manufacturing need a workforce equipped with modern skills. Vocational training and upskilling can empower individuals and contribute to the country's economic progress.

The World Bank highlights that bridging the skill gap is essential for inclusive growth. Skilling initiatives must focus on preparing workers for high-demand roles while supporting traditional industries with modern training methods.

India's economic ambitions depend on the strength of its workforce. By prioritising skill development, the country can create better jobs, reduce unemployment and ensure sustainable growth.

### Industry 4.0 Redefines Engineering

Industry 4.0 is reshaping the engineering sector, introducing advanced technologies like automation, robotics and the Internet of Things (IoT). This new industrial revolution is redefining traditional roles and creating demand for skills aligned with modern systems.

Engineering jobs are no longer limited to conventional fields. Roles such as robotics engineers, IoT specialists and smart systems developers are becoming prominent. Engineers are encouraged to enhance their skills and embrace innovation to thrive in an ever-evolving field.

Industry 4.0 also emphasises efficiency, sustainability and connectivity. Smart factories and automated processes require engineers who can design, implement and maintain these systems. While some routine jobs might diminish, the scope for creativity and advanced problem-solving is growing.

This transformation is an opportunity for engineers to elevate their careers by gaining expertise in emerging technologies. Adapting to change and focusing on innovation can lead to exciting prospects in this evolving landscape.

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