

# The NSDC Weekly Pulse

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## Trending Topics of the Week!



### Rising Demand Shifts Indian Students to Tech

Recent reports show a change in the educational choices of Indian students in the US. While enrolment in engineering courses is declining, more students are now opting for computer science and mathematics. This shift reflects the growing demand for digital skills in today's job market. Industries worldwide are increasingly relying on technology, leading to a rise in job opportunities in data science, artificial intelligence, and software development. By choosing computer science and mathematics, students are preparing themselves for these high-demand careers. This trend also highlights the importance of skilling. Today, merely having a degree is not enough. Employers are looking for candidates with up-to-date technical knowledge and problem-solving abilities. As a result, many Indian students are pursuing additional certifications and training to enhance their skills.

For aspiring students, this shift serves as a reminder to choose fields that align with market demands. The future belongs to those who are skilled in technology and data-driven decision-making. By staying informed and adapting to industry trends, students can secure rewarding career opportunities.

### The Power of Skilling in Today's Job Market

In today's fast-paced world, skilling has become essential for career growth. As industries evolve with new technologies, employees need to continuously learn and adapt to stay competitive. This has made skilling a key factor in personal and professional development.

India is leading the way with initiatives like the Skill India Mission, which aims to equip individuals with industry-relevant skills.

From digital marketing and data analytics to AI and machine learning, there are countless opportunities for learners to enhance their knowledge and secure better job prospects.

Employers today value skills more than degrees. They are looking for candidates who can solve real-world problems and adapt to new challenges. As a result, individuals who invest in skilling are more likely to grow in their careers.

### Adapting to the AI Era

Artificial intelligence (AI) is rapidly changing the tech industry. Experts predict that AI agents will soon be able to perform tasks currently handled by software engineers with a few years of experience. This includes writing code, debugging, and testing software. While this may sound concerning, it presents new opportunities for skilling and career growth.

As AI takes over routine tasks, the demand for advanced skills like AI development, machine learning, and strategic problem-solving will increase. Software engineers will need to adapt by learning these new skills to stay ahead. This change also highlights the importance of upskilling. Engineers who continuously update their skills will be able to work alongside AI systems, focusing on creative problem-solving and strategic thinking. This shift will not only enhance productivity but also open new roles in AI ethics, system integration, and innovation management.

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