

# AI can enable rapid reskilling, says report

Other technologies such as augmented and virtual reality and blockchain can also help people learn new skills quickly, efficiently and cost-effectively

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India may have to forgo as much as \$1.97 trillion in gross domestic product (GDP) growth promised by investment in intelligent technologies over the next decade if the country fails to bridge the skills gap, says a new report from Accenture.

Advanced technologies such as Artificial Intelligence (AI), augmented/virtual reality (AR/VR) and Blockchain can enable rapid reskilling and upskilling, says the report titled "Fueling India's Skill Revolution".

These technologies can help people learn new skills quickly, efficiently and cost-effectively, the report adds.

The report notes that skills such as complex reasoning, creativity, socio-emotional and sensory perception can't be taught through



Digital technologies can augment human capabilities. FILE PHOTO

**We must offer more experiential on-the-job training and help people adopt life-long learning.**

traditional teaching and learning.

The report includes a framework that combines a suite of innovative learning methods grounded in neuroscience research to make skill development more effective.

The framework suggests that an individual's learning journey can be augmented by a combination of digital technologies.

For example, AI can help with content curation and dissemination to ensure that students are aware of the

skills they need. An AI-based adaptive programme can build specific pathways to tailor learning to individual needs, says the report.

Similarly, AR/VR technologies can enable immersive training to make people job-ready. Blockchain-based micro-credentials can help individuals stay on the path to lifelong learning and build deeper expertise, the report says.

The report recommends that stakeholders in India – including government departments, industry bodies, academia, non-profit organisations and corporates – need to create, among other things, a comprehensive skill-based learning path in schools and colleges and adapt curriculum in institutions of higher learning to cater to the broader needs of the digital economy.