# **The NSDC Weekly Pulse**



Trending Topics of the Week!



## 3,00,000 Skills Shortage in India's Semiconductor Industry by 2027

India's semiconductor industry is on the path to massive growth, expected to reach \$100 billion by 2030. This expansion is set to create around 1 million global jobs by 2025-2026, aligning perfectly with India's economic goals. However, TeamLease's data highlights a significant problem: a lack of skilled professionals in the semiconductor industry. This shortage could slow down the industry's growth and affect India's global standing. The skills gap is evident in areas like design, manufacturing as well as research and development.

To overcome this challenge, India needs to focus on building a strong talent pipeline. Collaboration between educational

### Lakhs of Jobs in Electronics & IT

#### **Source: IANS Report**

India's Electronics and Information Technology (IT) sector is expanding swiftly, promising lakhs of jobs for young, talented individuals. This surge is fuelled by government initiatives, private investments and rising global demand.

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To support this growth, the Indian government has launched several initiatives. One key programme is Digital India, which aims to transform the nation into a digitally advanced society. This initiative has increased the demand for skilled professionals in fields such as cybersecurity, software development, data analysis and artificial intelligence.

The COVID-19 pandemic has further accelerated the adoption of digital technologies, boosting the demand for IT services. With more people working from home, studying online and using digital health services, there is a greater need for robust IT infrastructure and support. This shift has created numerous job opportunities in areas like cloud computing, cybersecurity and digital marketing.

In conclusion, India's Electronics and IT sectors are poised for significant growth thanks to supportive government policies, increased foreign investment and a global shift towards digitalisation. For young Indians with the right skills, this growth presents a tremendous opportunity to build successful careers in these dynamic fields.

institutions, industry leaders and the government is essential. Additionally, upskilling the current workforce with short-term courses and certifications can help meet the immediate demand for skilled workers. India can solidify its position as a global leader in the semiconductor industry, contributing to its broader economic and industrial growth objectives. The collaborative efforts of the government, educational institutions and industry stakeholders will be key to achieving this vision.



### High-Paying Remote Jobs for Digital Nomads in 2024

The digital nomad lifestyle has revolutionised the traditional work model, allowing professionals to operate from virtually anywhere in the world. As technology advances, several high-paying job opportunities have emerged, perfectly suited for those embracing this flexible way of life. Software development and engineering remain at the forefront of high-paying remote jobs. The demand for tech solutions is ever-increasing, with developers and engineers needed across various industries. Cybersecurity is another field where digital nomads can find lucrative opportunities. As cyber threats become more frequent and sophisticated, the need for cybersecurity experts has skyrocketed. Professionals skilled in SEO, content marketing, social media management and pay-per-click advertising are in high demand.

The digital nomad lifestyle offers exciting and well-paid opportunities for those with the right skills. As remote work becomes more common, these high-paying jobs show the growing need for flexibility and innovation in the job market.



