



## India Skills Report 2024

**For Prelims:** India Skills Report 2024, [All India Council for Technical Education \(AICTE\)](#), Confederation of Indian Industry and Association of Indian Universities, [AI \(Artificial Intelligence\)](#).

**For Mains:** India Skills Report 2024.

[Source: TH](#)

### Why in News?

Recently, Wheebox in association with various agencies including [All India Council for Technical Education \(AICTE\)](#), Confederation of Indian Industry and Association of Indian Universities has published India Skills Report 2024, highlighting India's skill landscape and the impact of [AI \(Artificial Intelligence\)](#) on the workforce

- **Theme:** Impact of AI on the Future of Work, Skilling & Mobility.
- The findings in this report are a **result of the evaluation of 3.88 Lakhs candidates** who took the **Wheebox National Employability Test (WNET)** across academic institutions in India.

### Note

Wheebox is **one of the leading firms** in remote proctored assessments and consulting services, Headquartered in India and spread across GCC (Gulf Cooperation Council) Countries, Wheebox delivers millions of assessments for corporations, institutions and governments across the globe.

### What are the Key Highlights of the India Skills Report 2024?

- **AI Leadership and Talent Concentration:**
  - India holds a **prominent global position in AI skill penetration** and talent concentration, showcasing a strong base of AI professionals.
  - As of August 2023, there were 4.16 lakh AI professionals, poised to meet the increasing demand expected to **reach 1 million by 2026**.
  - India has a **60%-73% demand-supply gap** in key roles such as ML engineer, data scientist, DevOps engineer, and data architect.
- **Employability Trends:**
  - The overall young employability in India has shown improvement, reaching **51.25%**. **States like Haryana**, Maharashtra, Andhra Pradesh, Uttar Pradesh, Kerala, and Telangana demonstrate a **high concentration of highly employable youth**.
  - Haryana has the highest employable youth concentration with 76.47% of test takers in this region scoring 60% and above on the WNET.
- **Age-Specific Employability:**

- Different age groups display varying levels of employability. For instance, in the **22 to 25 years age range**, states like Uttar Pradesh and Maharashtra stand out with high talent concentrations.
- Telangana has the **highest concentration of employable** talent in the age group of 18-21 with 85.45% found employable followed by Kerala 74.93% employable resources in this age group.
- Gujarat has the highest availability of employable resources in the age group of 26-29 with 78.24% in this age group found employable.
- **Cities with Employable Talent:**
  - Among top cities with employable **talent in the age group of 18-21**, Pune came first with **80.82% of candidates found highly employable**, followed by Bengaluru, and then Trivandrum.
  - For employability in the age group of 22-25 among top cities, Lucknow comes first at 88.89%, followed by Mumbai and then Bengaluru.
- **Most Preferred State to Work:**
  - **Kerala** is the most preferred state to work for both male and female employable talent, with Cochin being the most preferred area to work for female test takers.
- **AI Integration in Learning:**
  - The integration of AI into learning science is seen as a key differentiator, enabling personalized, analytics-driven, and actionable insights. This integration is deemed essential for effective professional development.
- **Industry Readiness:**
  - Companies are **anticipated to invest more in upskilling initiatives**, with a focus on early careers programs. The report foresees a significant portion of hiring being directed toward early career segments.
- **Collaborative Efforts:**
  - The report emphasizes the need for collaborative efforts among government bodies, businesses, and educational institutions to address challenges and focus on inclusive upskilling initiatives to navigate the transformative journey catalyzed by AI.

## What are India's Initiatives Related to Artificial Intelligence?

- [INDIAai.](#)
- [Global Partnership on Artificial Intelligence \(GPAI\).](#)
- [US India Artificial Intelligence Initiative.](#)
- [Responsible Artificial Intelligence \(AI\) for Youth.](#)
- [Artificial Intelligence Research, Analytics and Knowledge Assimilation Platform.](#)

## What are the Government Initiatives Related to Skill Development?

- [Pradhan Mantri Kaushal Vikas Yojana](#)
- [SANKALP Scheme](#)
- [TEJAS Skilling Project](#)
- [Skill India Digital](#)

## UPSC Civil Services Examination Previous Year Question (PYQ)

### Prelims

**Q. With the present state of development, Artificial Intelligence can effectively do which of the following? (2020)**

1. Bring down electricity consumption in industrial units
2. Create meaningful short stories and songs
3. Disease diagnosis

4. Text-to-Speech Conversion
5. Wireless transmission of electrical energy

**Select the correct answer using the code given below:**

- (a) 1, 2, 3 and 5 only  
(b) 1, 3 and 4 only  
(c) 2, 4 and 5 only  
(d) 1, 2, 3, 4 and 5

**Ans: (b)**

### **Mains**

**Q.** What are the main socio-economic implications arising out of the development of IT industries in major cities of India? **(2022)**

**Q.** "The emergence of the Fourth Industrial Revolution (Digital Revolution) has initiated e-Governance as an integral part of government". Discuss. **(2020)**

PDF Reference URL: <https://www.drishtiias.com/printpdf/india-skills-report-2024>

