



INDIA SKILLS REPORT 2022



AN INITIATIVE OF
Wheebox
Measuring World's Talent and Skill Potential

1. India Skills Report

Topic: Economy

In News: Wheebox India Skills Report was published recently.

More on the Topic

- **Important Findings:**
- In India, **the overall young employability has improved to 50.03% over the previous year.**
- The age range with the highest employability was found to be between 22 and 25 years old.
- The percentage of employable women has gone up from 41.25% in 2021 to 53.28%. And, in 2023, it is expected to stay stable at 52.80%.
- In fact, **the rate of employable women has been consistently higher than employable men.** The overall employability rate for men went up from 34.26% in 2021 to 47.28% in 2022.



- Though the **percentage of employable women is high, only 33% (67% in case of men) are participating in the workforce.**
- The sectors that would be hiring the most in the coming year are **automotive, engineering and internet business.**
- The courses most in demand in 2023 will be B.Com and MBA with the most employable and BE/B.Tech.

Recommendations:

- The need of the hour for organisations across the board is **to invest in skilling and reskilling of women talent and more importantly create infrastructure and the congenial environment** so that they don't exit the workforce.
- Instil **the required vocational and skill development programs in our secondary, high secondary, and undergraduate education.**
- Significant skills gap in the fields of data science, cloud computing, healthcare, and finance.

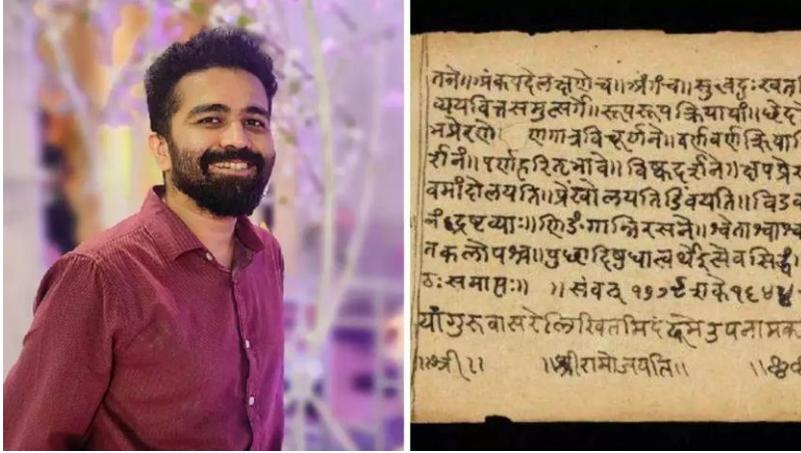
Skill Development Programs of Government of India:

- **Pradhan Mantri Kaushal Vikas Yojana:** The flagship Pradhan Mantri Kaushal Vikas Yojana (PMKVY) scheme was launched in 2015 to provide short-term training, skilling through ITIs and under the apprenticeship scheme.
- **SANKALP and STRIVE:** The SANKALP programme which focuses on the district-level skilling ecosystem and the STRIVE project which aims to improve the performance of ITIs are other significant skilling interventions.
- **TEJAS Initiative for Skilling:** Recently, TEJAS (Training for Emirates Jobs and Skills), a Skill India International Project to train overseas Indians was launched at the Dubai Expo, 2020.
- National Policy on Skill Development and Entrepreneurship, 2015. Skill India Mission 2015.

Source: Indian Express

2. Panini Code

Topic: Culture



In News: Rajpopat, An Indian PhD student at the University of Cambridge has solved a grammatical problem known as Panini code that puzzled Sanskrit scholars since the 5th century BC.

More on the Topic:

- Panini was a highly revered **Sanskrit scholar, philologist and grammarian** who lived around the 5th Century BCE in India.
- He has been considered the "**first descriptive linguist**" and labelled by **Western scholars** as "**the father of linguistics**".
- Among his most important works is the **Astadyayi** — a **grammar that essentially defines the Sanskrit language**.
- It is considered a prescriptive and generative grammar with algebraic rules governing every aspect of Sanskrit.
- Such is the intricacy of grammar that scholars over centuries haven't been able to work out the correct application of its rules and metarules.
- **The system of rules and metarules functions like an algorithm.** If one feeds in the base and suffix of a word, the algorithm will turn it into grammatically correct words, phrases and sentences.
- The conflict occurs when two or more of Panini's rules often apply simultaneously. They are applied simultaneously more often than you think — the Astadyayi consists of 3,959 sutras (aphoristic threads) in eight chapters, which are each subdivided into four sections.



- In such events, Panini's metarule could come to aid. The metarule has been interpreted by scholars over generations as "in the event of a conflict between two rules of equal strength, the rule that comes later in the grammar's serial order wins."
- But this would often result in grammatically incorrect results. Not too much help.

The Solution:

- Rajpopat reportedly rejected the traditional interpretation of the metarule. He instead went with the argument that Panini meant that between rules applicable to the left and right sides of a word respectively, **the Father of Linguistics wanted the interpreter to choose the rule applicable to the right side.**
- Based on this interpretation, he found that **Panini's "language machine" produced grammatically correct words with almost no exceptions.**

Source: PIB

3. Namami Gange

The infographic features a background image of a person in a red dhoti standing in the Ganga river. At the top left is the logo of the Ministry of Jal Shakti, Department of Water Resources, River Development & Ganga Rejuvenation. To its right is a blue banner with the text "6 Years of Preserving the River Ganga". Further right are the "Namami Gange" and "myGov" logos. The main title "Namami Gange: Conservation Mission Clean Ganga" is prominently displayed in the center. Below the title, three circular icons (₹, a water drop, and a city skyline) are aligned with their respective statistics.

Ministry of Jal Shakti
Department of Water Resources, River Development & Ganga Rejuvenation

6 Years
of Preserving the River Ganga

नमामि गंगे myGov
शुद्धो जलसो

Namami Gange: Conservation Mission Clean Ganga

- Namami Gange was launched in 2014-15 for rejuvenation of Ganga and its tributaries with an **assured funding of ₹20,000 crore**
- **344 projects have been sanctioned** at a cost of ₹29,990 crore
- **147 projects have been completed** and the remaining are under execution

Topic: Government Schemes

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Go, change the world



In News: UN Recognises India's Namami Gange Initiative To Rejuvenate Ganga River As One Of The Top Ten World Restoration Flagship projects.

More on the Topic:

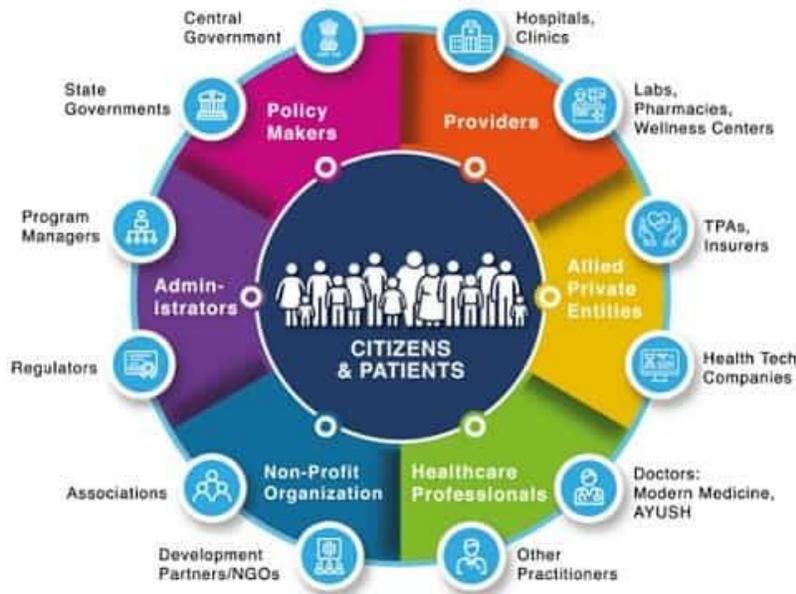
- Namami Gange was selected from **over 150 such initiatives from 70 countries across the globe.**
- The initiatives were selected under the banner of the **United Nations Decade on Ecosystem Restoration**, a global movement coordinated by the United Nations Environment Programme (UNEP) and the United Nations Food and Agriculture Organization (FAO).
- It is designed to prevent and **reverse the degradation of natural spaces across the planet.**
- The recognised initiatives, including Namami Gange, will now be eligible to receive UN support, funding or technical expertise.

About Namami Gange Initiative:

- Government of India has launched Namami Gange Programme, **an integrated umbrella programme, aimed to ensure effective abatement of pollution and conservation of river Ganga and its tributaries** by adopting a river basin approach.
- Under Namami Gange **comprehensive set of interventions in the areas of wastewater treatment, solid waste management, river front management (ghats and crematoria development), e-flow, afforestation, biodiversity conservation and Public Participation etc.** are being taken up for the rejuvenation of river Ganga.
- The program is being implemented by **the National Mission for Clean Ganga (NMCG)**, and its state counterpart organizations i.e., State Program Management Groups (SPMGs).
- **NMCG is the implementation wing of National Ganga Council** (set in 2016; which replaced the National Ganga River Basin Authority (NRGBA)).
- National Ganga Council (NGC) was Created in October 2016 under the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016. **It is Headed by Prime Minister.**

Source: Hindu

4. Unified Health Interface



Topic: e-Governance

In News: The National Health Authority (NHA) has released a consultation paper on ‘Operationalising Unified Health Interface (UHI) in India’ that outlines market rules that will govern the UHI Network.

More on the Topic:

- UHI is envisioned as a foundational layer of the Ayushman Bharat Digital Mission (ABDM) and aims to enable **interoperability in health services in India through open protocols.**
- Currently, the digital health ecosystem in India is **highly fragmented; hindering optimal choices from users.**
- UHI will **remove the fragmentations through an open interoperable network** to connect various End User Applications (EUAs) and Health Service Provider Applications (HSPAs).



- The consultation paper focuses on **the different elements of UHI and the market rules that will govern them.**
- These include guidelines that will govern the way search and discovery will take place in a fair and transparent manner, payment & settlement processes, rules around cancellation & rescheduling, grievance redressal mechanism, and more.

Ayushman Bharath's digital mission:

- Ayushman Bharath's digital mission is a **National Digital Health Eco-system** that supports Universal Health Coverage in an efficient, accessible, inclusive, affordable, timely, and safe manner.
- It works through **interoperable, standards-based digital systems**, and ensures the security, confidentiality, and privacy of health-related personal information.
- ABDM aims to **develop the backbone to support the integrated digital health infrastructure** of the country.
- It will **bridge the existing gap between different stakeholders** of the healthcare ecosystem through digital ways.
- The implementing agency of the scheme is **the National Health Authority(NHA)** under the Ministry of Health and family welfare.

Source: Indian Express

5. 'Group of Friends' Initiative



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Topic: International Relations

In News: India has launched 'Group of Friends' to promote accountability for crimes against peacekeepers.

More on the Topic:

- **India, Bangladesh, Egypt, France, Morocco and Nepal** are co-chairs of the 'Group of Friends' launched during India's current presidency of the U.N. Security Council.
- This Group of Friends will act as a **platform to promote accountability** for all acts of violence against the United Nations peacekeepers by facilitating support to the host state, creating awareness, exchanging information, sharing best practices, supporting initiatives, and mobilizing resources.
- On the day of launching, 36 member-states joined the newly formed Group of Friends.

Source: Business Standard

6. New GI Tags

Topic: Economy



**Geographical
Indication
Tag**

Go, change the world



In News: Nine new items has been awarded GI tags.

More on the Topic:

- The new nine new items are
- **Gamocha of Assam** - It is generally a white rectangular piece of cloth with primarily a red border on three sides and red woven motifs on the fourth.
- **Tandur red gram of Telangana,**
- **Raktsey Karpo apricot of Ladakh,**
- **Alibag white onion of Maharashtra**
- **Attappady Aattukombu Avara - A beans variety from Kerala**
- **Attapadi Thuvara- A type of Redgram from Kerala**
- **Onattukara Ellu - Sesame seed - Kerala**
- **Kanthallur Vettavada Veluthulli - Garlic variety from Kerala**
- **Kodungallur Pottuvellari - Snap Melon from Kerala**

About GI Tags:

- Recognised by the World Trade Organization (WTO), **GI is used to denote the geographical territory from where a product**, be it agricultural produce, natural product, or manufactured, conveys the assurance of quality, distinctiveness, and attributes that are unique to that specific geographic region/place of origin.
- India became a signatory to this convention, when, as a member of WTO, it enacted the **Geographical Indications (Registration and Protection) Act, 1999**, which came into effect on September 15, 2003.
- To protect the GI of goods, a GI registry has been established to administer the GI of Goods (Registration and Protection) Act, 1999, under the Controller General of Patents, Designs & Trade Marks.

Source: Business Standard

7. Suryakiran Excercise



Topic: International Relations

In News: The joint military exercise between the armies of India and Nepal 'SURYA KIRAN' began at Nepal.

More on the Topic:

- Ex Surya Kiran will go a long way in **improving bilateral relations and mutual cooperation** between both the armies and further strengthening the unique, time-tested friendship between India and Nepal.
- Suryakiran series of exercises also stands testimony to strong Indo-Nepal relations which are vast and varied.

Source: Business Standard
