

Important News: World**1. World will face at least 560 climate disasters every year by 2030: UN****Why in News**

- The world will face around 560 disasters every year by 2030, warned the United Nations in a new report.

**Key Points**

- The world has experienced 350-500 medium- to large-scale disasters every year over the last 20 years.
- This is five times higher than the previous three decades, the **Global Assessment Report (GAR 2022)** recently released by the United Nations.
- The **UN Office for Disaster Risk Reduction (UNDRR)** released the report ahead of the Global Platform for Disaster Risk Reduction in May, 2022.
- The rapid rise in the disaster frequency can be attributed to climate change and inadequate risk management.
- As the Sendai Framework's mid-term review is underway, this report should be a wake-up call that countries need to accelerate action across the framework's four priorities to prevent escalating disasters.
- An additional 37.6 million people are estimated to be living in conditions of extreme poverty due to the impacts of climate change and disasters by 2030.
- A majority of countries that face a high disaster risk are also among those with the highest share of population living under the national poverty line.
- These include the Philippines, Bangladesh, Myanmar, India, Indonesia, Pakistan and Vietnam from the Asia-Pacific region.



Source: DTE

**2. India's Russian Crude buy since Ukraine conflict double than 2021 purchase****Why in News**

- India has bought more than twice as much crude oil from Russia in the two months since its invasion of Ukraine as it did in the whole of 2021.



- India has taken advantage of discounted prices to ramp up oil imports from Russia at a time when global energy prices have been rising.

### Key Points

- After the US and China, India is the world's third-largest consumer of oil, over 80% of which is imported.
- But in 2021, only around 2% of its total oil imports (12 million barrels of Urals crude) came from Russia, according to Kpler, a commodities research group.
- But so far, the amount of Urals oil contracts made for India covering March, April, May and June - around 26 million barrels - is higher than the quantity purchased during the whole of 2021, according to Kpler.
- Following its invasion of Ukraine, there are now fewer buyers for Russia's Ural crude oil, with some foreign governments and companies deciding to shun Russian energy exports, and its price has fallen.

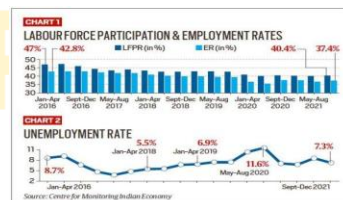
Source: BBC

### Important News: India

## 3. India's labour force participation rate (LFPR)

### Why in News

- Data from the **Centre for Monitoring Indian Economy (CMIE)** shows that **India's labour force participation rate (LFPR)** has fallen to just 40% from an already low 47% in 2016.



### Key Points

- This suggests not only that more than half of India's population in the working-age group (15 years and older) is deciding to sit out of the job market, but also that this proportion of people is increasing.
- The LFPR essentially is the percentage of the working-age (15 years or older) population that is asking for a job; it represents the "demand" for jobs in an economy.
- It includes those who are employed and those who are unemployed.
- The Unemployment Rate (UER) is nothing but the number of unemployed (category 2) as a proportion of the labour force.

### Significance of LFPR in India:

- Typically, it is expected that the LFPR will remain largely stable. As such, any analysis of unemployment in an economy can be done just by looking at the UER.



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- But, in India, the LFPR is not only lower than in the rest of the world but also falling. This, in turn, affects the UER because LFPR is the base (the denominator) on which UER is calculated.
- The world over, LFPR is around 60%. In India, it has been sliding over the last 10 years and has shrunk from 47% in 2016 to just 40% as of December 2021.

### Recent Initiatives taken by Government:

- Start Up India Scheme
- Support for Marginalized Individuals for Livelihood and Enterprise (SMILE)
- PM-DAKSH
- MGNREGA
- Pradhan Mantri Kaushal Vikas Yojana

Source: Indian Express

### 4. PM SVANidhi scheme to continue till December 2024

#### Why in News

- The Cabinet Committee on Economic Affairs has approved the continuation of lending under the **Prime Minister Street Vendor's AtmaNirbhar Nidhi (PM SVANidhi)** beyond March 2022 till December 2024.



#### Key Points

#### About Prime Minister Street Vendor's AtmaNirbhar Nidhi (PM SVANidhi):

- Through the Scheme, affordable collateral-free loans are being facilitated to the Street Vendors.
- The Scheme had envisaged to facilitate loans for an amount of Rs. 5,000 crore.
- Today's approval has increased the loan amount to Rs. 8,100 crore, thereby providing the Street vendors working capital to further expand their business and making them AtmaNirbhar.
- The budget for promotion of digital payments including cashback to the vendors has also been enhanced.
- The approval is expected to benefit nearly 1.2 crore citizens of Urban India.
- Under PM SVANidhi, significant achievements have already been made. As on April 25, 2022, 31.9 lakh loans have been sanctioned and 29.6 lakh loans amounting to Rs. 2,931 crore have been disbursed.
- This scheme was started in June 2020.

Source: PIB



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## Important News: State

### 5. MoU signed between NHLML and State Government for construction of Ropeways in Himachal Pradesh under the Parvatmala Yojana

#### Why in News

- Union Minister for Road transport and Highways Nitin Gadkari along with Chief Minister of Himachal Pradesh Jai Ram Thakur witnessed the signing of MoU between NHLML (National Highways Logistics Management Limited) and State Government of Himachal Pradesh for construction of Ropeways in Himachal Pradesh under the ambitious **Parvatmala Yojana**.



#### Key Points

- This is a significant MoU which will facilitate a unique, eco-friendly, scenic and seamless travel experience for tourists. By leveraging world class technology, 7 ropeway projects of total length 57.1km at total cost of Rs 3,232 Crore will be constructed in the State.

#### About Parvatmala Yojana:

- Union Finance Minister, while presenting Union Budget for 2022-23 announced National Ropeways Development Programme "Parvatmala" will be taken up on PPP mode, which will be a preferred ecologically sustainable alternative in place of conventional roads in difficult hilly areas.
- The scheme is being presently started in regions like Uttarakhand, Himachal Pradesh, Manipur, Jammu & Kashmir and the other North Eastern states.

Source: PIB

## Important News: Science

### 6. AAI successfully conducts flight trials using GAGAN based LPV approach procedure

#### Why in News

- Airports Authority of India (AAI)** successfully conducted at Kishangarh Airport, Rajasthan trial using **GAGAN (GPS Aided GEO Augmented Navigation)** based LPV Approach Procedures.



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- The successful trial is a great achievement and major milestone in field of Air Navigation Services (ANS) in the history of Indian Civil Aviation Sector.
- India is the first country in Asia Pacific Region to achieve such a landmark.

### Key Points

- **LPV (Localizer Performance with Vertical Guidance)** permits aircraft guided approaches that are operationally nearly equivalent to Cat-II/LS, without the need for ground-based navigational infrastructure. The service relies on the availability of GPS and GAGAN Geo Stationary Satellites (GSAT-8, GSAT-10 and GSAT-15), launched by ISRO.
- GAGAN is an Indian Satellite Based Augmentation System (SBAS) jointly developed by AAI and ISRO.
- GAGAN System was certified by DGCA in 2015 for Approach with Vertical Guidance (APV 1) and en-route (RNP 0.1) operations.
- There are only four Space-Based augmentation systems available in the world namely India (GAGAN), US (WAAS) Europe (EGNOS) and Japan (MSAS).
- LPV approaches will make it possible to land at airports not equipped with expensive Instrument Landing Systems, which includes many small regional and local airports.

Source: PIB

### 7. Solar power production in India getting impacted by Forest fires: Study

#### Why in News

- A new study has found that forest fires which plague different parts of India, especially during the summer season play a major role in reducing solar power production in India.



#### Key Points

- Such analysis of the energy and financial losses due to the direct and indirect effects of forest fires on the production of solar plants can help grid operators to plan and schedule power generation, as also the distribution, supply, security, and overall stability of power production.
- Recently, solar energy generation has been widely used in developing countries such as India which has sufficient solar resources. However, several factors like clouds, aerosols, and pollution generated from various sources limit the solar irradiance causing performance issues in the photovoltaic and concentrated solar power plant installations.





**Note:**

- A group of researchers at the Aryabhata Research Institute of Observational Sciences (ARIES), Nainital an autonomous research institute of the Department of Science and Technology (DST) Govt. of India, and the National Observatory of Athens (NOA), Greece tried to trace the factors that reduce solar energy production.
- They found that apart from clouds and aerosols, forest fires play a very crucial role in reducing solar energy production.

Source: ET

**Important News: Appointment**

## 8. TCS' Krishnan Ramanujam appointed as Nasscom Chairperson for 2022-23

**Why in News**

- Nasscom announced that Krishnan Ramanujam, President, Enterprise Growth Group at Tata Consultancy Services has been appointed as its Chairperson for 2022-23.

**Key Points**

- Ramanujam succeeds Rekha M. Menon, Chairperson and Senior Managing Director of Accenture in India, in this role.

### About National Association of Software and Services Companies (Nasscom):

- Nasscom is an Indian non-governmental trade association and advocacy group, focused mainly on the technology industry of India.
- **Headquarters:** New Delhi
- **Founded:** 1 March 1988

Source: The Hindu

