

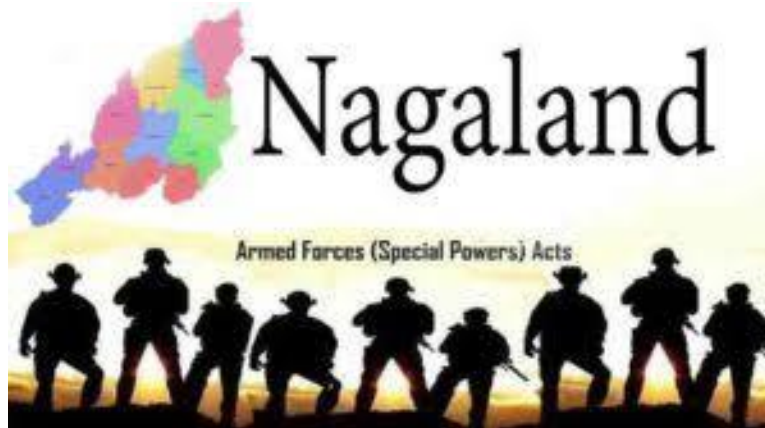
December - 31

## TNPSC BITS

- ❖ People for the Ethical Treatment of Animals (PETA) India has named Bollywood star Alia Bhatt its 2021 Person of the Year.
- ❖ The Government of Uttar Pradesh has renamed the Jhansi Railway Station as 'Veerangana Laxmibai Railway Station'.
  - Jhansi station's new name has been decided after Rani Laxmibai.
- ❖ Portuguese football legend Cristiano Ronaldo's statue has been installed in Panaji, Goa.
  - The aim of installing it is to motivate the younger generation towards sports and following their dreams.

## NATIONAL

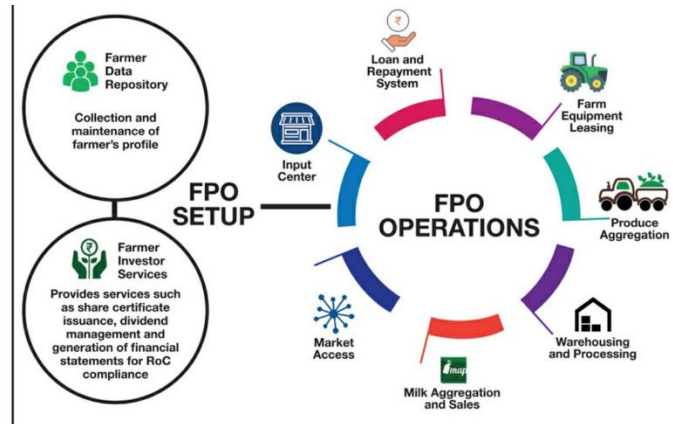
### High-level committee to examine of lifting AFSPA in Nagaland



- ❖ The Government of India has decided to constitute a 'five-member' committee to look into the demand for withdrawal of Armed Forces (Special Powers) Act "AFSPA" in Nagaland.
- ❖ The committee is headed by Vivek Joshi.
- ❖ He is the Registrar General and Census Commissioner of India.
- ❖ He would submit the recommendations within 45 days.
- ❖ Additional Secretary in the Home Ministry Piyush Goyal will be its Member-Secretary.
- ❖ The Chief Secretary and DGP of Nagaland and the DGP of Assam Rifles will be the other members of the committee.

- ❖ The AFSPA empowers security forces to conduct operations and arrest anyone without any prior warrant.
- ❖ It also gives immunity to the forces if they shoot someone dead.

## State of India's Livelihood Report 2021



- ❖ The State of India's Livelihood (SOIL) Report 2021 has stated that just 1-5 % of Farmer Producer Organisations (FPOs) have received funding under central government schemes introduced to promote them in the last seven years.
- ❖ Access Development Services, a national livelihoods support organization has prepared the SOIL report.
- ❖ It has analysed only Farmer Producer Companies (FPC — FPOs registered under Companies Act, 2013) since they make up a large majority of the organizations started in recent years.
- ❖ The number of FPOs registered as cooperatives or societies is very small.

## Quantum Laboratory



- ❖ The Indian Army recently established the "Quantum Laboratory" at Mhow in Madhya Pradesh.



- ❖ The Quantum Laboratory was established with the help of the National Security Council Secretariat (NSCS).
- ❖ It was established at Military College of Telecommunication Engineering (MCTE) in Mhow.
- ❖ It was established with the objective of spearheading research and training in the key developing field.

## Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021

1. CFTIs/Central University/Institute of National Importance (Technical): Top 10 Ranks				
Sl. No	Institute ID	Institute Name	Rank	State
1	ARI-U-0456	Indian Institute of Technology Madras	1	Tamil Nadu
2	ARI-U-0306	Indian Institute of Technology Bombay	2	Maharashtra
3	ARI-I-1074	Indian Institute of Technology Delhi	3	Delhi
4	ARI-I-1075	Indian Institute of Technology Kanpur	4	Uttar Pradesh
5	ARI-U-0560	Indian Institute of Technology Roorkee	5	Uttarakhand
6	ARI-U-0220	Indian Institute of Science	6	Karnataka
7	ARI-U-0013	Indian Institute of Technology Hyderabad	7	Telangana
8	ARI-U-0573	Indian Institute of Technology Kharagpur	8	West Bengal
9	ARI-U-0263	National Institute of Technology Calicut	9	Kerala
10	ARI-U-0530	Motilal Nehru National Institute of Technology	10	Uttar Pradesh

2. State University & Deemed University (Govt. & Govt. Aided) (Technical): Top 10 Ranks				
Sl. No	Institute ID	Institute Name	Rank	State
1	ARI-U-0078	Panjab University	1	Chandigarh
2	ARI-U-0098	Delhi Technological University	2	Delhi
3	ARI-U-1056	Netaji Subhas University of Technology	3	Delhi
4	ARI-U-0159	Chaudhary Charan Singh Haryana Agricultural University	4	Haryana
5	ARI-U-0444	Avinashilingam Institute For Home Science And Higher Education For Women	5	Tamil Nadu
6	ARI-U-0308	Institute of Chemical Technology	6	Maharashtra
7	ARI-U-0135	Gujarat Technological University	7	Gujarat
8	ARI-U-0323	Savitribai Phule Pune University	8	Maharashtra
9	ARI-U-0136	Gujarat University	9	Gujarat
10	ARI-U-0470	Periyar University	10	Tamil Nadu

- ❖ The Union Ministry of Education released this award list.
- ❖ The top position was achieved by IIT Madras.
- ❖ It topped the ranking as the most innovative educational institute in India in the technical category.
- ❖ IIT Madras won this recognition for the third consecutive time.
- ❖ Institutes that are among the top 10 institutions include- IIT Bombay, IIT Delhi, IIT Roorkee, IIT Kanpur, IIT Kharagpur, Indian Institute of Science (IISc), and IIT Hyderabad.
- ❖ Under the ‘Colleges/Institutes (Govt. & Govt. Aided in Technical)’ category, the College of Engineering in Pune and PSG College of Technology won the awards.

- ❖ Under the “non-technical institutions” category, Indira Gandhi National Open University (IGNOU), Delhi and Indian Institute of Management (IIM), Kozhikode won the awards.

## Hydropower Projects

- ❖ The foundation stone of Hydropower Projects was laid down by Prime Minister Modi in Mandi, Himachal Pradesh.
- ❖ The hydropower projects in Himachal Pradesh inaugurated by PM also included the Renukaji Dam Project that was lying pending for three decades.
- ❖ The four projects are,
  - Sawra-Kuddu Hydropower Project
  - Luhri Stage 1 Hydro Power Project
  - Dhaulasidh Hydro Power Project
  - Renukaji Dam Project

## Gram Ujala Programme



The banner features logos for the Ministry of Power, Government of India; the Ministry of New and Renewable Energy, Government of India; CONVERGENCE Energy Services Limited; and the Gram Ujala logo. Below the logos is a portrait of Shri Raj Kumar Singh, Hon'ble Minister of Power and the Minister of New and Renewable Energy, Government of India. The text on the banner states: "Gram Ujala programme will provide affordable, high-quality, and long-lasting LED bulbs, which will positively impact energy usage and economies of rural households."

- ❖ The state-owned CESL has achieved a milestone to distribute 50 lakh LED bulbs.
- ❖ This milestone was achieved under the Project Crore of the Gram Ujala Programme.
- ❖ Gram Ujala’s scheme is being implemented in rural households across the states of Telangana, Andhra Pradesh, Bihar, Uttar Pradesh, and Karnataka.

- ❖ The will be run till March 31, 2022.

## INTERNATIONAL

### New Meat Alternatives With 3D Printing

- ❖ Israeli food-tech firm SavorEat launched a plant-based burger system, that has been personalized to each customer.
- ❖ SavorEat has become one of the first companies to use 3D printing technology to cook food.
- ❖ Through this technology, customers can also choose how much fat and protein they want in each burger.



## SCIENCE AND TECHNOLOGY

### Artificial Intelligence Prosecutor



- ❖ Researchers in China have developed a machine that can charge people with crimes by using artificial intelligence.
- ❖ This is the world's first kind of technology.

- ❖ The AI prosecutor has the capability to file a charge with more than 97 percent accuracy.
- ❖ It will file a charge on the basis of a verbal description of the case.

## **PERSONALITIES, AWARDS, AND EVENTS**

### **The National Breed Conservation Award for 2021**

- ❖ The award has been bagged by the “All-India Co-ordinated Research Project (AICRP)” on poultry breeding, Mannuthy of Kerala.
- ❖ It received the prestigious award for the cause of conservation and research activities on the Tellicherry breed.
- ❖ Tellicherry breed is the only registered native chicken breed in the state of Kerala.



## **SPORTS**

### **4th Para-Badminton National Championship**

- ❖ Nitesh Kumar won double gold at the 4th Para-Badminton National Championship.
- ❖ The championship was concluded in Bhubaneswar, Odisha.

- ❖ Haryana's Nitesh along with his partner Tarun Dhillon defeated World No. 1 Paralympic Games gold medallist Pramod Bhagat and Manoj Sarkar in the Men's doubles finals to win the gold.
- ❖ Earlier, Nitesh also won the gold medal in the Men's singles category.

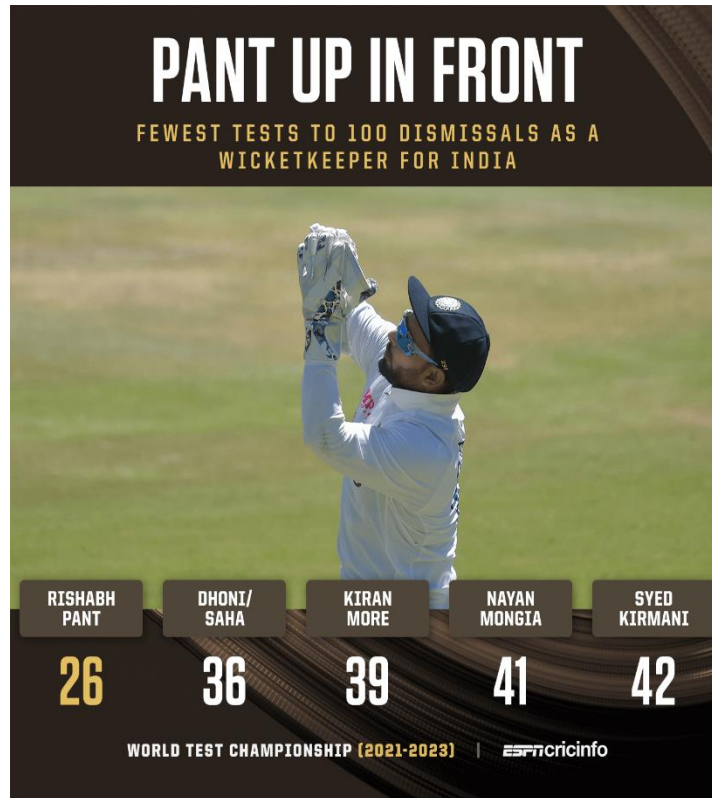


### **11th Hockey India junior national championship**



- ❖ Uttar Pradesh has been crowned the winner of the 11th Junior National Men's Hockey Championship.
- ❖ It won Chandigarh in the final at Kovilpatti, Tamil Nadu.
- ❖ The tournament's top scorer was Sharda Nand Tiwari of Uttar Pradesh.

## Rishabh Pant



- ❖ Wicketkeeper-batsman Rishabh Pant achieved a remarkable feat by becoming the fastest Indian wicketkeeper to record 100 Test dismissals.
- ❖ The 23-year-old reached the landmark during the first Test against South Africa at SuperSport Park, Centurion.
- ❖ Pant has broken the joint record of MS Dhoni and Wriddhiman Saha who reached the figure in their 36th Test.
- ❖ Pant has achieved the milestone in his 26th Test.

## Mohammed Shami

- ❖ He has established himself among the greats of Indian cricket by becoming only the fifth Indian pacer to take 200 Test wickets.



- ❖ Shami achieved the feat on Day 3 of the first India-South Africa Test match in Centurion.
- ❖ Shami has joined Kapil Dev, Javagal Srinath, Zaheer Khan, and Ishant Sharma in the elusive list.
- ❖ Shami reached the milestone in 55 Test matches.
- ❖ He is the third quickest Indian after Kapil and Srinath to join this list.



#### Mohammed Shami becomes 5th Indian fast bowler to claim 200 Test wicket

- Mohammed Shami has become the fifth Indian pacer to take 200 Test wickets.
- Shami achieved the feat against South Africa in Centurion on 29 Dec 2021.
- Shami has joined Kapil Dev, Javagal Srinath, Zaheer Khan, and Ishant Sharma in the elusive list.
- Shami reached the milestone in 55 Test matches and is the third quickest Indian after Kapil and Srinath to join the list.

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