

October - 07

TAMIL NADU

Iron sword at Konthagai

- ❖ An iron sword measuring 40 cm, the longest sword so far, was unearthed at Konthagai.
- ❖ It is a part of the Keeladi cluster near Madurai.
- ❖ It was found along with the grave goods, skeletal remains and black and red ware vessels in the urn.
- ❖ It was the first sword unearthed during the eighth phase of the excavation being carried out at Konthagai.



NATIONAL

Extension of PMGKAY Scheme

 
CABINET DECISIONS
28-09-2022

Extension of Pradhan Mantri Garib Kalyan Ann Yojana (PMGKAY)
Cabinet approves extension of PMGKAY for another three months (October 2022–December 2022)

 Free good grains at **5 kg per person per month** for all the beneficiaries of NFSA

 Phase VII entails an estimated subsidy of **Rs. 44,762 Crore**

 The total outgo of foodgrains is expected to **122 LMT**





- ❖ Union Cabinet has approved the extension for the Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY-Phase VII) for a further period of 3 months.
- ❖ Under this welfare scheme, 5 kg of food grain per person per month is provided free of cost.
- ❖ So far, PMGKAY has been in operation for 25 months since April 2020.

Equal abortion rights

OPERATION SAFE
7 million abortions are conducted a year in India
Only 50% of these operations are legal
8% of women opting for abortion die due to complications arising from unsafe procedures
22 million unsafe abortions are reported globally every year

- ❖ The Supreme Court has allowed all women in the country, regardless of marital status, can undergo an abortion up to 24 weeks into pregnancy to access safe and legal abortion care.
- ❖ It has ruled over a 51-year-old abortion law (Medical Termination of Pregnancy Act of 1971).
- ❖ This act bars unmarried women from terminating pregnancies which are up to 24-weeks old.
- ❖ The latest amendment to the MTP Act was made in 2021.
- ❖ Until the 1960s, abortion was illegal in India and a woman could face three years of imprisonment and/or a fine under Section 312 of the Indian Penal Code (IPC).

- ❖ Based on the report of the Shanti Lal Shah Committee, a medical termination bill was passed in August 1971.
- ❖ The Medical Termination of Pregnancy (MTP) Act, 1971 came into force on 1st of April 1972.
- ❖ It is applied to whole of India except the state of Jammu and Kashmir.

Revival of Sukapaika river

- ❖ The National Green Tribunal (NGT) has directed the state government of Odisha to revive Sukapaika River within 6 months.
- ❖ It is a distributary of Mahanadi River.
- ❖ The NGT alleged that the Sukapaika river in Cuttack district became dead because of the closure of its mouth in the 1950s.

Telecom Technology Development Fund scheme



- ❖ Universal Service Obligation Fund (USOF) recently launched Telecom Technology Development Fund scheme.
- ❖ It aims to fund R&D in rural-specific communication technology applications and form synergies among academia, start-ups, research institutes, and the industry to build and develop the telecom ecosystem.
- ❖ The scheme entails grants to Indian entities to encourage and induct indigenous technologies tailor-made to meet domestic needs.

ECONOMY

RBI raises repo rate

- ❖ RBI raised the benchmark lending rate by 50 basis points to 5.90 per cent.
- ❖ The latest repo rate hike has come in a bid to curb inflation.

- ❖ The repo rate or the short-term lending rate at which banks borrow from the central bank is now close to 6 per cent.

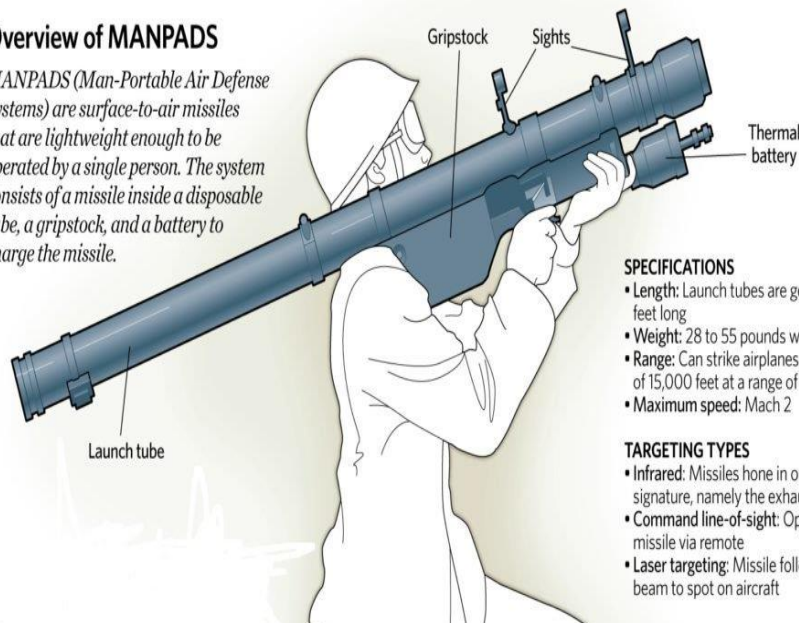


SCIENCE AND TECHNOLOGY

VSHORADS missile

Overview of MANPADS

MANPADS (Man-Portable Air Defense Systems) are surface-to-air missiles that are lightweight enough to be operated by a single person. The system consists of a missile inside a disposable tube, a gripstock, and a battery to charge the missile.



SPECIFICATIONS

- **Length:** Launch tubes are generally four to 6.5 feet long
- **Weight:** 28 to 55 pounds with launcher
- **Range:** Can strike airplanes up to an altitude of 15,000 feet at a range of about 3.2 miles
- **Maximum speed:** Mach 2

TARGETING TYPES

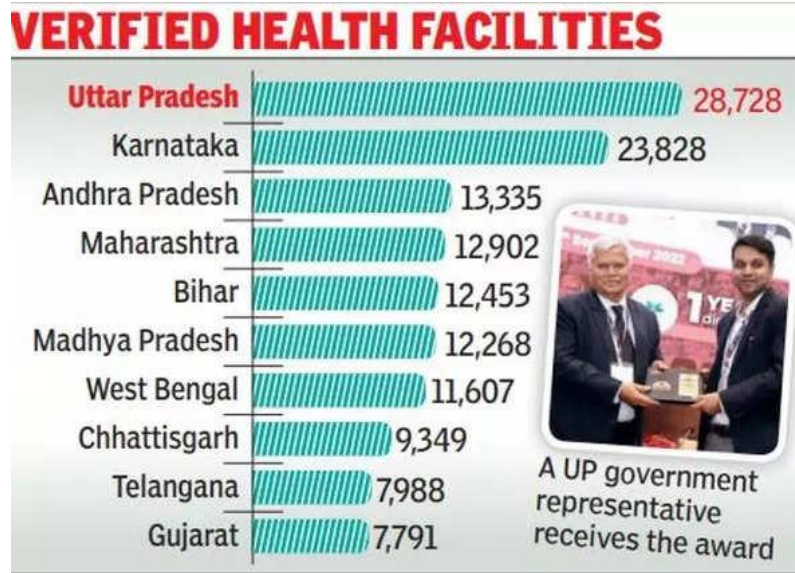
- **Infrared:** Missiles hone in on an aircraft's heat signature, namely the exhaust
- **Command line-of-sight:** Operator controls missile via remote
- **Laser targeting:** Missile follows aimed laser beam to spot on aircraft

- ❖ The DRDO conducted two successful test flight of Very Short-Range Air Defence System (VSHORADS) missile.
- ❖ It is a Man Portable Air Defence System (MANPAD).
- ❖ This missile is capable of neutralizing low-altitude aerial threats at short range.

- ❖ It is propelled by a dual thrust solid motor.
- ❖ MANPADS are short-range, lightweight and portable surface-to-air missiles.
- ❖ It can be fired by individuals or small groups to destroy aircraft or helicopters.

PERSONALITIES, AWARDS, AND EVENTS

Ayushman Utkrishtha award 2022



- ❖ They conferred to the top performers in the implementation of Ayushman Bharat Pradhan Mantri – Jan Arogya Yojana (AB PM-JAY).
- ❖ Ayushmann Utkrishta Award 2022 has been given to Uttar Pradesh for adding several healthcare facilities to the health facility register.

Other awards

- ❖ Top Performing State/UT: Andhra Pradesh
- ❖ Top Performing District: Andhra Pradesh's Parvathipuram Manyam
- ❖ Top Performing Government Facility: District Hospital Dharwad in Karnataka
- ❖ Best Performing States: Kerala, Meghalaya, Gujarat, Manipur, Jharkhand, Uttarakhand, Chhattisgarh and Madhya Pradesh
- ❖ Best Performing UTs: Chandigarh and Jammu & Kashmir
- ❖ Top government integrator with highest number of health records linked to ABHA: National Informatics Centre
- ❖ Best private integrator with the highest number of health records linked to ABHA: Eka Care.
- ❖ AB PMJAY was launched on September 23, 2018.

- ❖ Ayushman Bharat Health Account (ABHA) is a unique health ID launched by the National Health Authority (NHA).
- ❖ It uses a 14-digit identification number that is generated using Aadhaar card or mobile number.
- ❖ It allows users to digitally share their health records with hospitals, clinics, insurance providers and other concerned stakeholders.

SPORTS

Berlin marathon 2022

- ❖ Eliud Kipchoge shattered his own world record with a time of 2:01:09 in the Berlin marathon.
- ❖ It's the second time the Kenyan runner has set the official men's world record at the race in the German capital.
- ❖ Kipchoge's previous best in an official 42.2km race was 2:01:39 set in 2018.
- ❖ Ethiopia's Tigist Assefa won the women's race in a course record of 2:15:37.
- ❖ It is the third fastest time in history.



IMPORTANT DAYS

World Maritime Day - September 29

- ❖ The International Maritime Organization observed this Day on the last Thursday of September.

- ❖ The day focuses on drawing public attention to maritime safety and the marine environment.
- ❖ The theme for this year is 'New technologies for greener shipping'.



MISCELLANEOUS

Global Innovation Index 2022



- ❖ India was ranked 40th position out of 132 in the Global Innovation Index (GII) 2022.
- ❖ It was released by World Intellectual Property Organisation.
- ❖ Theme for 2022: "What is the future of innovation-driven growth?".
- ❖ Switzerland is the most innovative economy in the world in 2022 for the 12th year in a row.
- ❖ It is followed by the United States, Sweden, the United Kingdom and the Netherlands.
- ❖ China is nearing the top 10.

- ❖ Türkiye and India enter the top 40 for the first time.

Hurun India 40 & under self-made rich list 2022

- ❖ The IIFL Wealth Hurun India Rich List 2022 was released recently.
- ❖ Nikhil Kamath, the cofounder of Zerodha, topped the list.
- ❖ Bhavish Aggarwal, the founder of Ola, came in second place.
- ❖ Divyank Turakhia of Media.net came in third place.

Rank	Name	Wealth INR Cr
1	Nikhil Kamath	17,500
2	Bhavish Aggarwal	11,700
3	DivyankTurakhia	11,200
4	Nakul Aggarwal	9,900
4	Ritesh Arora	9,900
6	Binny Bansal	8,100
7	Ritesh Agarwal	6,300
8	HarshilMathur	5,500
8	Shashank Kumar	5,500
10	Neha Narkhede& family	4,700

