



July - 04

NATIONAL

Indrajaal

- ❖ Hyderabad-based technology R&D firm Grene Robotics has designed and developed India's first indigenous drone defence dome called "Indrajaal".
- ❖ The drone defence dome has the capability to autonomously protect an area of 1000-2000 sq km.
- ❖ It can give protection against the aerial threats by assessing and acting on aerial threats.
- ❖ The aerial threats include Unmanned Aerial Vehicles (UAVs), loitering munitions and Low- Radar Cross Section (RCS) targets.

First voyage of Green Freight Corridor-2

- ❖ Ministry of Shipping launched the maiden voyage under Green Freight Corridor-2.
- ❖ This newly launched service will connect Cochin with Beypore-Azhikkal in the initial phases while Kollam ports in Kerala in later phases.
- ❖ This will improve connectivity and synergies between major & non-major ports by promoting coastal trading.

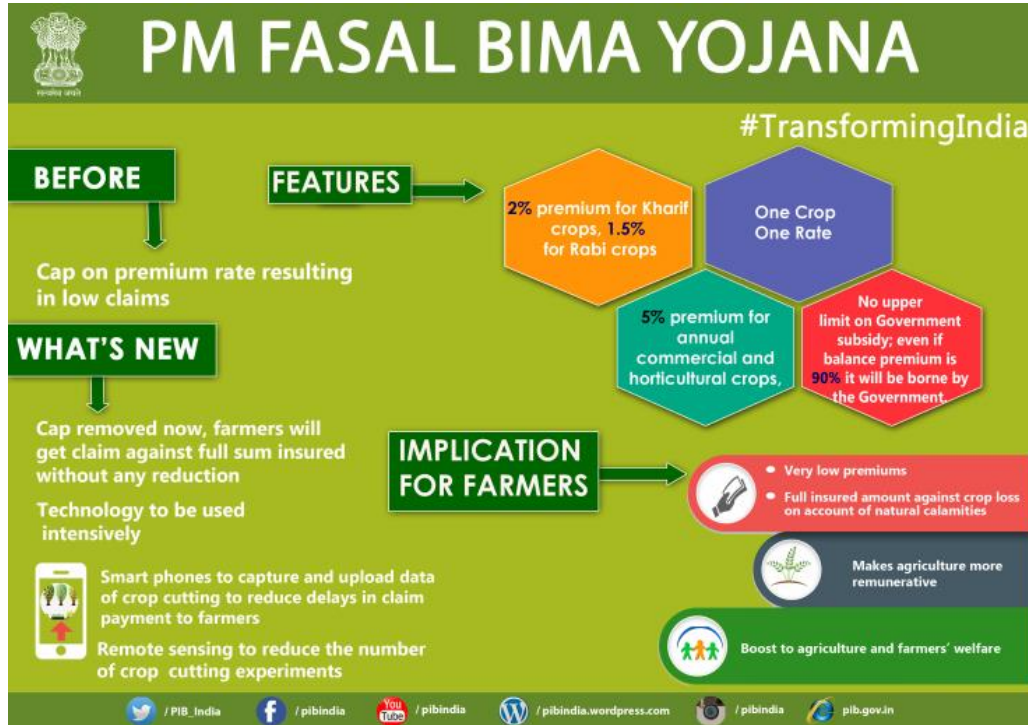
National Convention on Prevention of Obesity - NITI Aayog

- ❖ The National Convention on Prevention of Maternal, Adolescent and Childhood Obesity was convened by NITI Aayog.
- ❖ This Convention was held under the chairmanship of Dr. V.K. Paul and Co-chairmanship of Dr. R Hemalatha.
- ❖ NITI Aayog described obesity as "silent epidemic".

Crop Insurance Awareness Campaign

- ❖ The Agriculture and Farmers Welfare Minister, Narendra Singh Tomar, has launched the Crop Insurance Awareness Campaign for Fasal Bima Yojana.
- ❖ It was launched during Crop Insurance Week (1st July to 7th July).
- ❖ PMFBY was launched on February, 18, 2016.

- ❖ Fasal Bima Yojana was launched with the aim of providing security cover to each farmer.
- ❖ This scheme covers all Food & Oilseeds crops along with Annual Commercial or Horticultural Crops for which past yield data is available.



Fund for Industrial Research Engagement initiative

- ❖ The Science and Engineering Research Board (SERB) in partnership with Intel India have launched a first of its kind research initiative.
- ❖ It is called as 'Fund for Industrial Research Engagement (FIRE)'
- ❖ This initiative helps in advance deep tech-based research in India.
- ❖ This will help the Indian research community to pursue industry-relevant research opportunities in areas of deep technologies. (Like Artificial Intelligence, Machine Language, etc.)
- ❖ Science and Engineering Research Board is a statutory body under Department of Science & Technology.
- ❖ 'FIRE' is a joint government and industry initiative with a co-funding mechanism.

INTERNATIONAL

Cyber Capabilities and National Power Report

- ❖ The report was recently released by the International Institute for Strategic Studies (IISS).
- ❖ The report analyses the cyber ecosystem of each state and how it intersects with international security, economic competition and military affairs.
- ❖ The report has divided the countries into three tiers of cyber power.
- ❖ First Tier - States with world-leading strengths across all the categories in the methodology.
- ❖ The United States of America is the only country in this tier.
- ❖ Second Tier - States that have world-leading strengths in some of the categories.
- ❖ Australia, Canada, China, France, Israel, Russia and the United Kingdom are in this tier.
- ❖ Third Tier - States that have strengths or potential strengths in some of the categories but significant weaknesses in others.
- ❖ India is in this tier.



SCIENCE AND TECHNOLOGY

Surabhi e-Tag

- ❖ Dvara E-Dairy Solutions Pvt Ltd in partnership with IFFCO-Tokio General Insurance Co. Ltd. launched an artificial intelligence (AI) powered digital identity (ID) tag.
- ❖ It is named as 'Surabhi e-Tag'

- ❖ It is to identify cattle based on muzzle identity.
- ❖ Muzzle is the projecting part of an animal's face (including the nose and mouth).

ENVIRONMENT

LowCarbon.Earth

- ❖ The United Nations Environment Programme in collaboration with Massive Earth Foundation has announced the launch of LowCarbon.Earth.
- ❖ It was launched in a bid to boost the start-up ecosystem and promoting the transition to a Low Carbon Lifestyle in the Asia Pacific.
- ❖ The program will provide a platform for start-ups to interact with established corporates, leading technology companies and industry mentors.
- ❖ This will help to build collective capabilities for the industry in the cutting-edge areas of advanced sustainable technologies.

Black-bellied Coral snakes - Uttarakhand

- ❖ The Researchers have discovered Black-bellied Coral snakes in the forests of Uttarakhand for the first time in history.
- ❖ The snake is related to the Elapidae family and Sinomicrurus genus.
- ❖ Its scientific name is *S. nigriventer*.
- ❖ It was found in the Bhadraj Block of Benog Wildlife Sanctuary in the Mussoorie Forest Division.





STATES

Cloud-based Health Project - Delhi

- ❖ The Delhi government has informed that a cloud-based Health Care Information Management System (HIMS) is likely to be rolled out by March 2022.
- ❖ Delhi will become the only place in India to have this system.
- ❖ Along with HIMS, a health helpline will be issued.
- ❖ Special surveys will also be conducted to issue e-health cards for residents of Delhi.

Andhra's IT policy

- ❖ The Andhra Pradesh government has launched its new 'AP Information Technology Policy 2021-24'.
- ❖ This New policy was approved by State Cabinet chaired by Chief Minister Y S Jagan Mohan Reddy.
- ❖ This Policy will be in force till March 31, 2024.

PERSONALITIES, AWARDS, AND EVENTS

Icius Tukarami named after Tukaram Omble

- ❖ Two new species of jumping spiders have been discovered from the Thane-Kalyan region of Maharashtra.
- ❖ One of the spider species was named after the brave police constable Tukaram Omble.
- ❖ He lost his life in the 26/11 Mumbai terror attack.
- ❖ The species is called as 'Icius Tukarami'.

IMPORTANT DAYS

World UFO Day - July 02

- ❖ It is observed by the World UFO Organization.
- ❖ The day aims to raise awareness about the existence of Unidentified flying objects.
- ❖ It also encourages people to think about the possibility of us not being alone in the Universe.

World Sports Journalists Day - July 02



- ❖ The day aims to acknowledge the work of sports journalists & to encourage them to do better at their work.
- ❖ The associations of the journalists all over the world were found and united by the International Sports Press Association.
- ❖ The World Sports Journalist Day was established by the International Sports Press Association in 1994.

MISCELLANEOUS

Salute Doctors – ICICI



- ❖ ICICI Bank has launched India's most comprehensive banking solutions for medical doctors.
- ❖ It is titled as 'Salute Doctors'.
- ❖ It offers customized banking as well as value-added services for every doctor, beginning from a medical student to a senior medical consultant.



- ❖ The initiative is powered by ICICI STACK.

SalaamDilSey – HDFC



- ❖ HDFC Bank launched an initiative called SalaamDilSey.
- ❖ This initiative encourages one and all to take a moment to acknowledge and celebrate the contribution of doctors.
- ❖ As part of this initiative, the bank has created a web platform www.salaamdilsey.com.
- ❖ The general public can share the thank you message for doctors here.

