

February - 27

TNPSC BITS

- ❖ Minister of State for Culture & External Affairs, Meenakashi Lekhi has released a signature tune for 'Vande Bharatam'.
 - The tune is composed by Grammy Award winner Ricky Kej and Oscar contender Bickram Ghosh.
- ❖ The Ministry of External Affairs has identified four locations in Hungary, Poland, Slovak Republic, and Romania to evacuate Indians from Ukraine.

NATIONAL

OCEANS 2022 conference

- ❖ The Indian Institute of Technology Madras Research Park in association with the National Institute of Ocean Technology (NIOT) hosted the "OCEANS 2022 conference".
- ❖ OCEANS conference is a bi-annual event of global marine researchers.
- ❖ It was hosted in India, for the first time.
- ❖ Department of Ocean Engineering is coordinating the OCEANS 2022 conference, on behalf of the Marine Technology Society and Institution of Electrical & Electronics Engineering Ocean Engineering Society.
- ❖ The theme of the "OCEANS 2022" conference was "inspire-innovate-sustain".



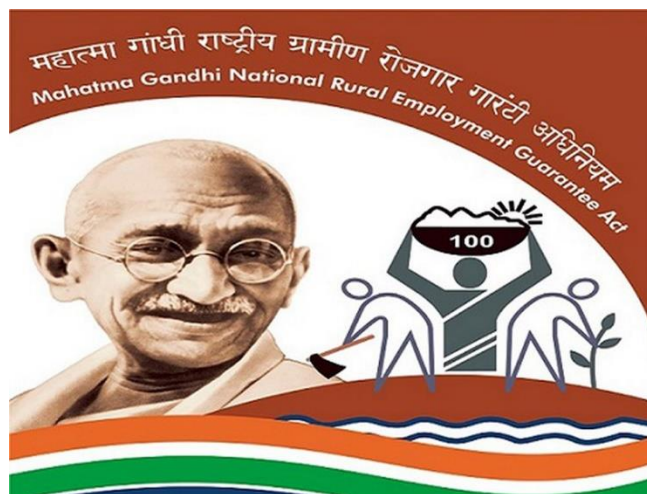
PM-Kisan 3rd Anniversary

- ❖ About 11.78 crore farmers as of February 22, 2022, have been benefitted under the PM Kisan scheme.

- ❖ The amount worth Rs1.82 lakh crore has been disbursed to eligible beneficiaries across India in various intervals.
- ❖ PM-KISAN is a center sector scheme that was launched on 24th February 2019.
- ❖ It was launched to substitute the monetary needs of landholding farmers.



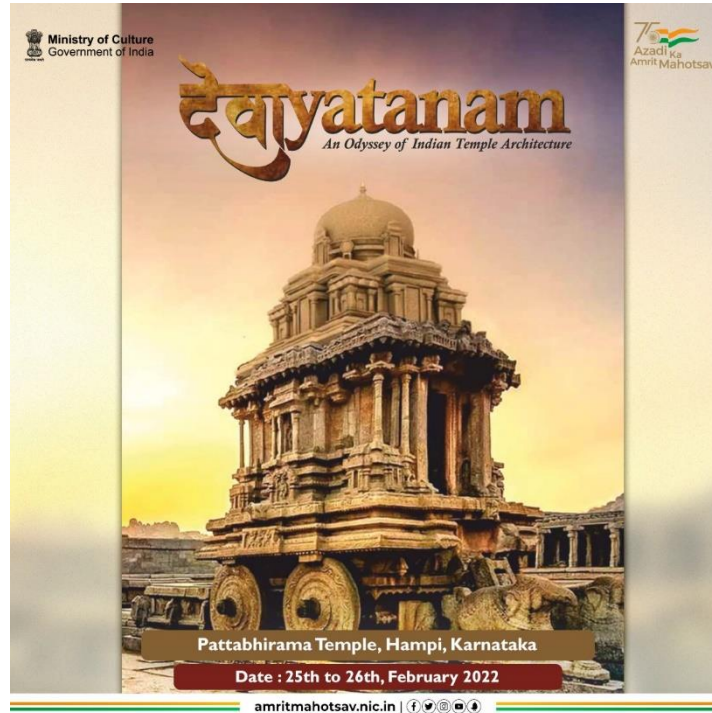
Ombudsperson App



- ❖ Union Minister for Rural Development and Panchayati Raj, Giriraj Singh has launched Ombudsperson App for Mahatma Gandhi NREGA.

- ❖ Ministry of Rural Development has developed an Ombudsperson App for smooth reporting and categorization of grievances by Ombudsperson based on complaints he received from various sources.

Devayatanam



- ❖ Archaeological Survey of India of Ministry of Culture, Government of India is organizing a two-day international conference Devayatanam - An odyssey of Indian temple architecture.
- ❖ It is organized at Hampi, Karnataka.
- ❖ Union Minister G Kishan Reddy inaugurates the conference.
- ❖ The conference aims to deliberate upon the philosophical, religious, social, economic, technical, scientific, art and architectural aspects of the temple.

EX DHARMA GUARDIAN-2022

- ❖ The third edition of the joint military exercise “EX DHARMA GUARDIAN-2022” between India and Japan is conducted at Belagavi (Belgaum), Karnataka.
- ❖ It is a 12-day long joint exercise.
- ❖ The 15th Battalion the Maratha Light Infantry Regiment of the Indian Army and the 30th Infantry Regiment of Japanese Ground Self Defence Forces are participating.

- ❖ The military exercise will focus on operations in Jungle & Semi-Urban/Urban terrains.



Health Star Rating



**FOOD SAFETY AND STANDARDS
AUTHORITY OF INDIA**

Inspiring Trust, Assuring Safe & Nutritious Food

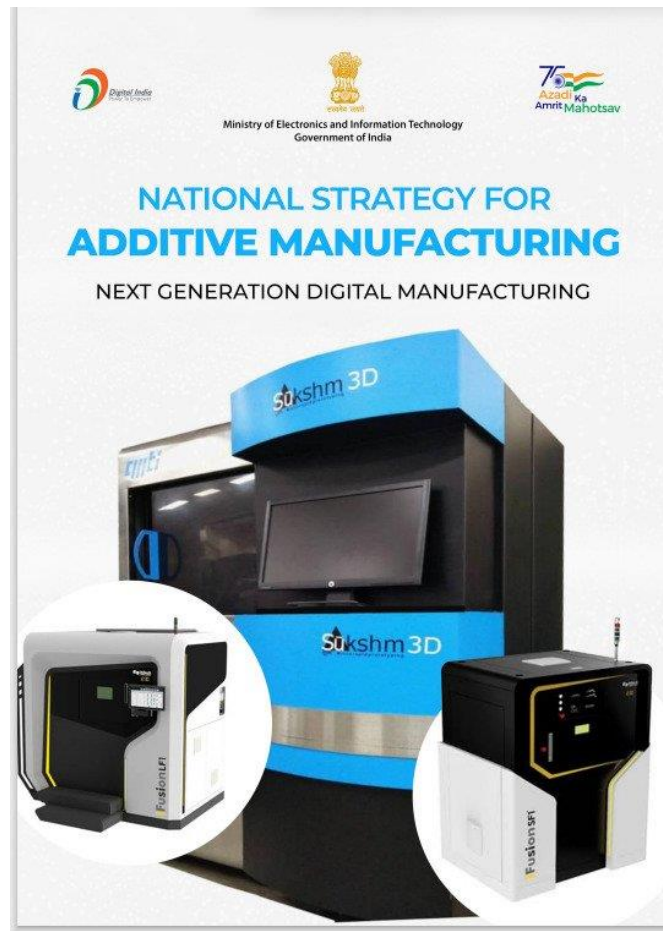
Ministry of Health and Family Welfare, Government of India

- ❖ According to the Food Safety and Standards Authority of India (FSSAI), packaged food goods will soon display a 'health star' as part of the new system.
- ❖ The packaged foods will have the number of stars displayed on them which will indicate whether the item is healthy or unhealthy.
- ❖ The amount of fat, sugar, and salt in the food item will be used to determine the rating.

National Strategy on Additive Manufacturing

- ❖ National Strategy on Additive Manufacturing is announced to cater to the next generation of digital manufacturing.

- ❖ It also aims to mitigate the immediate disabilities which are being faced by the local industries.
- ❖ Through this India is aiming to reach certain goals by 2025, which include 50 India-specific technologies for machines, materials, and software, 100 new additive manufacturing firm start-ups, and 500 new products.
- ❖ 3D printing, also known as additive manufacturing, is a method of creating prototypes or models of products.



International IP Index 2022

Rank 1- United States
Rank 2- United Kingdom
Rank 3- Germany
Rank 4- Sweden
Rank 5- France



- ❖ India has improved its overall IP score from 38.4 percent to 38.6 percent.
- ❖ The country is ranked 43 out of 55 countries on the International Intellectual Property Index 2022.
- ❖ This index was released by the Global Innovation Policy Center of the U.S. Chamber of Commerce.

Euphlyctis jaladhara

- ❖ The Zoological Survey of India, Pune, has discovered a new frog species.
- ❖ They grow in the freshwater regions along all the states spanning the Western Ghats.
- ❖ Scientists from the Zoological Survey of India, the National Institute of Science Education and Research, Bhubaneswar, Mount Carmel College, Bengaluru, tied up on the discovery.
- ❖ The common name of this frog is Jaladhara skittering frog and *Euphlyctis jaladhara* is the scientific name.
- ❖ This species was first discovered in freshwater bodies located near the Thattekad Bird Sanctuary in Ernakulam District of Kerala.

Reports on India's COVID-19 Vaccine Development

- ❖ Two reports, from the Institute for Competitiveness on India's Covid-19 vaccine development and administration journey, were released by Union Health Minister Mansukh Mandaviya.
- ❖ This report focused on how coordination at the central, state, and district levels helped the massive adult vaccination drive succeed.
- ❖ The two vaccines whose maximum number of doses were used in India are the indigenously developed Covaxin by Bharat Biotech and Covishield which was developed by Serum Institute of India in association with Oxford/AstraZeneca.

ECONOMY

Core financial services solution

- ❖ The RBI asked the non-banking financial companies (NBFC) to implement Core Financial Services Solution by September 30, 2025.
- ❖ The upper & middle layer NBFCs, which have 10 or more fixed point services delivery units should implement it by Sept 2025.

SCIENCE AND TECHNOLOGY

Detection of Solar Proton Events

- ❖ ‘Chandrayaan-2 Large Area Soft X-ray Spectrometer (CLASS)’, the payload of Chandrayaan-2 Orbiter, detected solar proton events recently.
- ❖ The Solar Proton Events significantly increase the radiation exposure to humans in space.
- ❖ CLASS Payload also recorded coronal mass ejections recently.

New Species of Pterosaur



- ❖ Researchers have discovered new species of Pterosaurs, who were the first vertebrates to evolve flight.
- ❖ The species include the largest flying animals in the history of Earth.
- ❖ The newly-discovered species is named “Dearc sgiathanach”.
- ❖ It is the largest Jurassic Pterosaur known.

Two Prehistoric Bird Species

- ❖ In China, researchers have discovered specimens of two Prehistoric Bird Species.
- ❖ It was namely, Meemannavis ductrix and Brevidentavis zhangii.
- ❖ The specimens were discovered from Changma locality in northwestern China.
- ❖ It is an important place for paleontologists, to study bird evolution.
- ❖ It is the second-richest Mesozoic fossil bird site worldwide.
- ❖ However, more than half of the fossils found there belong to Gansus yumenensis.

- ❖ Gansus Yumenensis is a species of aquatic bird.

PERSONALITIES, AWARDS, AND EVENTS

Book by Anirudh Suri

- ❖ Indian author, Anirudh Suri has come out with his new book titled “The Great Tech Game: Shaping Geopolitics and the Destinies of Nations.’
- ❖ It has been published by HarperCollins India.
- ❖ In this book, the author lays out a roadmap for how any country must develop its own strategic plan to succeed in this technology-dominant era.

