

April - 11

TAMIL NADU

Solar-powered poultry incubator

- ❖ The Tamil Nadu Veterinary and Animal Sciences University, in association with Panimalar Engineering College, recently developed a solar-power backed poultry incubator.
- ❖ This is designed for rural and small-scale poultry farmers.
- ❖ This over comes the disadvantage of electric incubators, which affects hatchability due to power shortage or frequent suspension of supply.

NATIONAL

India H2 Alliance

- ❖ The Global energy and industrial majors have joined together to form a new coalition called the India H2 Alliance.
- ❖ The initiative to form the alliance was begun by the Reliance industries and Chart Industries.
- ❖ The India H2 Alliance, IH2A, mainly focuses on commercialising hydrogen technologies.
- ❖ It will work towards boosting the hydrogen economy and supply chain in India.

Main objectives

- ❖ To build hydrogen economy and supply chain in India.
- ❖ To help develop blue and green hydrogen production and storage.
- ❖ To build hydrogen-use industrial clusters and
- ❖ To increase hydrogen-powered fuel cells-based transport.

PLI Scheme

- ❖ The Union Cabinet approves Production Linked Incentive (PLI) Scheme for White Goods (Air Conditioners and LED Lights).
- ❖ The scheme is expected to attract global investments, generate large scale employment opportunities and enhance exports substantially.
- ❖ The PLI Scheme for White Goods shall extend an incentive of 4% to 6% on incremental sales of goods manufactured in India for a period of five years to companies engaged in manufacturing of Air Conditioners and LED Lights.

#PLIforAatmanirbharBharat

Government approves

**PRODUCTION LINKED
INCENTIVE SCHEME FOR
AIR CONDITIONERS AND
LED LIGHTS**

 Incentive of ₹6,238 crore over 5 years for manufacturing in India

 Production worth ₹1.68 lakh crore & Exports worth ₹64,400 crore estimated

 Creation of 4 lakh direct & indirect jobs in 5 years

Anamaya initiative

- ❖ The Union Health and Family Welfare Minister recently launched the Tribal Health Collaborative called “Anamaya”.
- ❖ It was launched by the Ministry of Health and Family Welfare in collaboration with the Ministry of Tribal Affairs.
- ❖ The initiative will also be supported by the Bill and Melinda Gates Foundation and Piramal Foundation.
- ❖ The main objective of the initiative is to enhance health and nutrition ecosystem of tribal communities in India.

Abolition of Film Certificate Appellate Tribunal

- ❖ The Government of India by an ordinance has abolished the Film Certificate Appellate Tribunal (FCAT).
- ❖ The Tribunals Reforms (Rationalisation and Conditions of Service) Ordinance, 2021, amends the Cinematograph Act, 1952.
- ❖ It amends the act by omitting some sections and replacing the word “Tribunal” with “High Court” in other sections.

- ❖ The abolition of FCAT means filmmakers will now have to approach the High Court whenever they want to challenge a CBFC (CBFC - Central Board of Film Certification) certification, or lack of it.

ECONOMY

World Economic Outlook

- ❖ The IMF has raised India's growth projection to 12.5 per cent for FY22 in its fresh outlook.
- ❖ This puts the country on top in terms of GDP growth.
- ❖ The 12.5 per cent growth projection is the highest even among the advanced economies.

IN THE FAST LANE
Growth forecast, in %

	2020	2021	2022
India	-8	12.5	6.9
China	2.3	8.4	5.6
US	-3.5	6.4	3.5
World	-3.3	6	4.4

CONCERNS FOR EMERGING ECONOMIES

Slower labour force growth

Covid-19 protection
unavailable for most of the population in 2021

Frequent need for lockdowns, containment measures

Protectionist tendencies over tech emerging

Pharma protectionism to impede global vaccine supply



RXIL

- ❖ RXIL is Receivables Exchange of India.
- ❖ Recently RXIL has become the first TReDS platform to cross monthly throughput of Rs 1000 crores.



- ❖ The transaction volume in the platform grew from Rs 69 crores in April 2020 to Rs 1,105 crores in March 2021.
- ❖ This shows economic recovery in the country.
- ❖ Also, it shows that the MSME sector that was badly hit during COVID-19 is getting revived.

Note

- ❖ RXIL was incorporated in 2016.
- ❖ It is a joint venture between Small Industries Development Bank of India (SIDBI) and National Stock Exchange of India Limited.
- ❖ It operates TReDS.

TReDS

- ❖ TReDS is an electronic platform that facilitates financing of MSMEs through multiple financiers.
- ❖ The main three participants in the TreDS are,
 - MSMEs (sellers),
 - financiers and
 - Corporate entities (buyers).
- ❖ According to RBI, only MSMEs can participate as sellers in TReDS.

Madhu Kranti portal and Honey Corners

- ❖ The Union Agricultural Minister Narendra Singh Tomar launched the Madhukranti portal and Honey Corners of NAFED to promote the Honey Mission in India.
- ❖ The Madhukranti portal is an initiative of National Bee Board.
- ❖ It is operated under the National Beekeeping and Honey Mission.

Madhukranti portal

- ❖ The portal has been developed to achieve the traceability source of honey and bee hive products on the digital platform.
- ❖ Also, the platform will help in checking the quality and source of adulteration of honey
- ❖ The portal will hold the database of all the stakeholders involved in honey production, marketing chains, hive production and sales.

Honey Corners

- ❖ The Honey Corners are special spaces for the sale of honey.
- ❖ It is operated by NAFED.



NAFED

- ❖ NAFED is National Agricultural Cooperative Marketing Federation.
- ❖ NAFED has developed 14-15 honey corners.
- ❖ More honey corners are to be developed in most of the upcoming major 200 NAFED stores.
- ❖ This will promote market support for honey.

Note

- ❖ Indian Bank is the technical and banking partner for the development of digital platform.
- ❖ The bank has signed a Memorandum of Understanding with the National Bee Board to implement the platform.

Integrated Health Information system

- ❖ Union Minister of Health & Family Welfare, Dr Harsh Vardhan virtually launched the Integrated Health Information Platform (IHIP).
- ❖ It is an advanced version of the Integrated Disease Surveillance Programme (IDSP)
- ❖ With the launch, India became the 1st Country in the World to adopt an Advanced Digital Disease Surveillance System.
- ❖ It is also the World's biggest online disease surveillance platform (in terms of Geographical coverage, number of diseases covered & quantum of data generated).
- ❖ National Centre for Disease Control (NCDC), World Health Organization (WHO) were associated with the development of the platform.
- ❖ The platform is in sync with the National Digital Health Mission and will help in achieving the dream of 'Atma Nirbhar Swasth Bharat'.
- ❖ IHIP is capable of tracking 33 diseases & provides real-time data in digital mode.

SCIENCE AND TECHNOLOGY

Rapid diagnosis of dengue

- ❖ Researchers at the Indian Institute of Technology Delhi have developed a handheld Surface Enhanced Raman Spectroscopy (SERS)-based platform.
- ❖ This is helpful in early diagnosis of dengue.



- ❖ It also gives dengue test results within one hour (rapid diagnosis).
- ❖ The early diagnosis of dengue is the key to prevent deterioration of a patient's health.
- ❖ The research work was funded by IMPRINT India programme of the Ministry of Education.

