

September - 21

TNPSC BITS

- ❖ India beats Nepal and won the SAFF U-17 football Championship Title, held at Srilanka.
- ❖ India's largest lender State Bank of India touched the Rs 5-trillion-mark in market capitalisation for the first time.

NATIONAL

India's first plastic project



- ❖ EKI Energy Services, a developer and seller of Carbon credits, announced that it is the first company to list an Indian plastic project under a global accreditation standard.
- ❖ Thus, this firm became the first company to ever list a plastic project from the nation with the goal of creating India's first-ever international plastic credits.
- ❖ The project by EKI Energy Services makes sure that plastic waste, primarily Polyethylene Terephthalate (PET) waste, PET flakes, and chips, are properly sourced and recycled to create Recycled Polyester Staple Fibre (RPSF).
- ❖ RPSF can then be used in the textile industry for clothing and other utility products made of fabric.

India's first Lithium Cell Manufacturing Plant

- ❖ India's first lithium-ion cell manufacturing facility has launched the pre-production run at Tirupati, Andhra Pradesh.
- ❖ It is slated to start commercial production of battery cells from next month.
- ❖ The state-of-the-art facility has been set up by the Chennai based Munoth Industries Limited.

- ❖ The installed capacity of the plant at present is 270 Mwh.
- ❖ It can produce 20,000 cells of 10Ah capacity daily.



GEF Small Grants Program

- ❖ The Ministry of Environment of Environment, Forest and Climate Change (MoEF), UNDP and The Energy and Resources Institute (TERI) have jointly launched the Global Environment Facility Small Grants Programme.
- ❖ The aim of this project is to build local communities' capacity to take collective action towards conserving the environment and achieving sustainable development.
- ❖ It provides financial and technical assistance to projects focusing on conserving and restoring environment while also enhancing the lives of local communities.
- ❖ 2022 marks the 7th operational phase of this programme.
- ❖ The grants are given to non-governmental organizations and other institutions working in specific landscapes.



World Water Congress and Exhibition 2022

- ❖ This was organized in Denmark from September 1 to 15.



- ❖ It is organized every few years across the world to bring together experts to share insights, network and do business.
- ❖ It provides opportunity to focus on current issues and trends and reflect on the strengths of the location in which the event is being organized.
- ❖ The 2022 edition was organized in Copenhagen based on the theme 'Water for Smart Liveable Cities'.
- ❖ It showcased the best practices in Denmark and other Nordic countries as well those from the rest of the world.
- ❖ During the event, India and Denmark launched the Joint Whitepaper on 'Urban Wastewater Scenario in India'.
- ❖ This Whitepaper aims to comprehensively capture the present status of wastewater treatment in India.



India Discrimination Report 2022

- ❖ Oxfam India recently released the India Discrimination Report, 2022.
- ❖ Labour force participation rate of women in India is just 25 per cent in 2021.
- ❖ This is lesser than the figure of 42.7 per cent in 2004-05 and the lowest among the BRICS countries.
- ❖ Gender discrimination is the main reason behind the 98 per cent employment gap between males and females in India.
- ❖ The average earning of a man is about 2.5 times that of a woman.
- ❖ In 2019-20, 60 per cent of all men aging 15 and above have regular salaried and self-employed jobs.
- ❖ During the same period, only 19 per cent of women in that age group had jobs.

- ❖ Apart from gender-based salary gaps, the report also found differences in income among castes.
- ❖ The mean income of regular employed persons belonging to the Scheduled Castes or Scheduled Tribes in urban regions was Rs.15,312.
- ❖ This is lesser than Rs.20,346 earned by those belonging to the General Category.
- ❖ This means that general category's earnings is 33 per cent higher than SC/ST communities.
- ❖ In 2019-20, 68% of difference between Muslim and Non-Muslim engaged as salaried workers in urban areas was due to discrimination

TABLE 2 - DISCRIMINATION IN WAGES/EARNINGS, IN PERCENTAGES

VARIABLES	2019-20			2018-19			2004-05	
	RS	SE	CL	RS	SE	CL	RS	CL
SC/ST	20.7	58.1	76.6	10.9	49.7	72.7	19.4	63.5
MUSLIMS	2.0	2.6	0.0	0.0	0.0	0.0	9.1	0.0
GENDER	75.7	84.6	95.4	82.7	75.1	95.0	67.2	90.4

INTERNATIONAL

Green Fins Hub



- ❖ UNEP and the UK-based charity Reef-World Foundation have launched the Green Fins Hub to boost sustainable marine tourism.
- ❖ It is first-ever global marine tourism industry platform.

- ❖ It would help diving and snorkelling operators across the world to make simple, cost-efficient changes in their daily practices by implementing international best practices that promotes sustainability of marine tourism.
- ❖ It was developed by The Reef-World Foundation in collaboration with the UNEP.

Indo-Pacific Trilateral Development Cooperation Fund

- ❖ India and France have agreed to work towards the establishment of Indo-Pacific trilateral development cooperation.
- ❖ It would facilitate development projects, especially in the framework of the International Solar Alliance.
- ❖ It also provides a platform for Indian innovations and startups to demonstrate their relevance to the requirements of other societies.
- ❖ International Solar Alliance now has formed projects in three countries which shows the impact that India and France make together in Bhutan, Papua New Guinea and Senegal.



National Programme on ACC Energy storage

- ❖ NITI Aayog presented a report on the current status and future trends in the ACC battery sector.
- ❖ The report emphasises the potential role of the Production Linked Incentive (PLI) scheme on ACC energy storage in creating domestic economic value.
- ❖ The policies and incentives recommended in this report could pave the way for top-level battery manufacturers to invest in India.

- ❖ Ministry of Heavy Industries & Public Enterprises is the nodal ministry for National Programme on Advanced Chemistry Cell (ACC) Energy storage.
- ❖ The manufacturing of ACCs will facilitate production and use of Electric Vehicles.



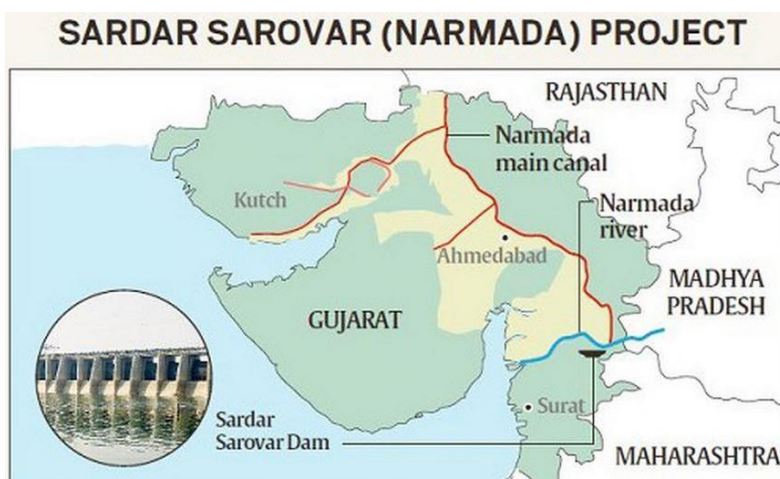
Enhancing India's Cell Battery Manufacturing Capability

PLI Scheme "National Programme on Advanced Chemistry Cell Battery Storage" Approved

- ₹ To achieve manufacturing capacity of 50 GWh of ACC and 5 GWh of "Niche" ACC with an outlay of ₹18,100 crore
- 🔋 Direct investment of around ₹45,000 crore in ACC Battery storage manufacturing projects
- 🚗 Facilitate demand creation for EV and battery storage in India
- 🏭 Net savings of - ₹2,50,000 crore on account of oil import
- 🏭 Import substitution of around ₹20,000 crore every year

STATES

Sardar Sarovar dam



- ❖ The Sardar Sarovar dam on the river Narmada, the life line of Gujarat, was filled to its highest capacity.

- ❖ The water level at the dam has reached the historic 138.68 meters.
- ❖ It is above the highest capacity of the dam.
- ❖ This is for the third time in history that the dam is filled to its highest capacity after 2019 and 2020.

SPORTS

Roger Federer (Switzerland) retirement

- ❖ Roger Federer has announced that he will retire from the ATP Tour and grand slams following the Laver Cup next week in London.
- ❖ He has played more than 1500 matches over 24 years.
- ❖ He won 20 Grand Slam singles titles.

ROGER, OVER & OUT

FED EX: The Swiss maestro's career spanned over 24 yrs

Roger Federer (41), regarded by many as the greatest male player to wield a tennis racquet, says he'll retire after next week's Laver Cup. He's won 20 Grand Slam titles, finished 5 seasons ranked No. 1 and helped create a golden era along with Nadal and Djokovic

> At 369, Federer has **won the most Grand Slam men's singles main matches in Open Era**, ahead of Djokovic (334), Nadal (313), Connors (233) & Agassi (224)

> Holds the record for **most consecutive weeks - 237 - at No. 1**. Also oldest No. 1 in ATP history at 36 yrs & 10 months

> **Only player to reach the finals of all 4 Slams in a season thrice (2006, '07, '09) and win five or more titles at three Slams (Wimbledon, Aus & US Open)**

Total matches played	1,526	Won	1,251	No. of titles	103	Olympic Gold	(2008 doubles)
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Dear Roger, my friend & rival, (it was) an honor & privilege to share all these years with you —Rafa Nadal

FINALLY, TO THE GAME OF TENNIS: I LOVE YOU AND WILL NEVER LEAVE YOU —Roger Federer

