Tamil Nadu – Hon’ble CM Releases State Disaster Management Perspective Plan 2018–2030

- It was prepared by Tamil Nadu State Disaster Management Authority in line with the Sendai Framework for Disaster Risk Reduction.
- The 198-page document includes hazard vulnerability analysis and preparedness measure.
World Yoga Festival, 2018 – Inaugurated In Mahabalipuram On 22nd Aug, Along With World Yoga Conference

- It was conducted across 5 days with yoga exponents from Thailand, Sri Lanka, China, Hong Kong along with India participating in it

Chennai Port – To Create History When It Berths One Of The World’s Largest Ship, A Very Large Crude Carrier (VLCC) ‘MT New Diamond’ On 31st Aug, 2018

- The ship has 1,60,079 gross registered tonnage carrying 1,33,719 tonnes of Crude oil from Basra Oil Terminal, Iraq
- It is the first ever instance of an Indian port berthing a VLCC in an enclosed harbor
- The vessel has been chartered by IOCL for Chennai Petroleum corporation Limited
IIT, Madras – Enters Into Mou With Continental, A Tech Company – For Joint Research In High Computing Platform And Cyber Security For Powertrain Applications

STATES

Punjab – Has Passed The ‘Police (Amendment) Bill 2018’ – To Set Up ‘State Security Commission’ For Selection Of The Director General Of Police (DGP)

- The bill seeks to amend the Punjab Police Act, 2007
- It has to be recalled that Supreme Court, in its order dt July 3, 2018, directed states to appoint the DGP from a panel, which will be constituted by the UPSC based on the concerned state government’s proposals.
- The commission will be chaired by the state’s Chief Minister and will have the Home Minister as its Vice-Chairperson
- The members of the commission includes the Leader of the opposition in the Punjab Assembly, a Retired high court judge, Chief secretary, Principal secretary to state government, Department of home affairs and Justice and state Advocate general
- Under the bill’s provisions, the state government shall select the DGP from amongst the Indian Police Service (IPS) from a panel of at least three eligible officers
NATIONAL

넷 Horizon 2020 – A New ‘Research Program’ To Be Jointly Developed By India And European Union

- It aims to produce the ‘Next Generation’ Influenza vaccine to protect the citizens across the world
- For the ‘Research’ program, India and EU have jointly committed 15 Million Euros (Rs 240 crores)

- Department of Bio technology will coordinate the research program from the Union Government
- The project require 3 applicants, from 3 European member states and India respectively
- The enrolment will be open till 16th April 2019 to allow applicants from other countries to join the EU-India consortia
- In order to create more awareness about the programme, the next information sessions will be held in Hyderabad on 30th August, in Bangalore on 24th September and in Pune on 28th September 2018.
- The program is expected to boost India’s ‘National Health Mission’

넷 Project ‘Navlekha’ – Unveiled By The Search Giant ‘Google’ To Make Online Content Relevant For More Indian Users Especially In Local Languages – At The ‘Google For India’ Event In New Delhi
‘Navlekha’ means ‘a new way to write’ in Sanskrit

The platform aims to bring 1,35,000 publishers in Local languages together ‘online’ by making webhosting simpler

It will allow local publishers, who doesn’t have websites, to make their offline content fit for online publishing, without necessitating any technical knowledge

It will allow publishers to simply scan documents or PDFs and create instant web pages on the platform

Google will train these publishers and provide support along with a branded page domain for the initial 3 years

Apart from this project, Google plans to introduce more technology to develop vernacular language content as majority of Internet is accessed by Indian local language users.

India – Signs $300 Million Loan Agreement With World Bank – To Scale-Up Its Energy Efficiency Program (EEP)

The loan will be provided through the lending division of World Bank, International Bank for Reconstruction and Development (IBRD)

It has maturity of 19 years and 5-year grace period

The EEP is implemented by Energy Efficiency Services Limited (EESL)

Under it, EESL will deploy 219 million LED bulbs and tube lights, 5.8 million ceiling fans, and 7.2 million street lights, supplied by the private sector manufacturers

The move would support ‘Unnat Jyoti by Affordable LEDs for All’ (UJALA) program of Central Government

It has to be recalled that India has committed to reduce carbon emissions by 33-35% by 2030
India – Signs $250 Million Loan Agreement With World Bank – For Electricity Distribution Sector Reforms In Rajasthan

- The loan will be provided by World Bank’s lending arm International Bank for Reconstruction and Development (IBRD)
- It has maturity of 21 years and 3-year grace period
- The move would benefit Rajasthan’s ‘24x7 Power for All’ program, which aims to provide continuous power supply to all households in Rajasthan by 2019
- Rajasthan had joined in Central Government’s ‘UDAY’, Ujwal DISCOM Assurance Yojna, in 2016
- It will also help to improve Institutional and Operational Reforms and performances of DISCOMs


- MoveHack is global mobility hackathon event organized by NITI Aayog to crowdsourcing solutions aimed at the future of mobility in India
- It will provide participants in MoveHack event with graphics processing unit (GPU) and deep learning technologies along with Supercomputers with NVIDIA DGX systems
Union Government – Has Constituted The ‘Science And Technology Council’ With 21 Members – To Advise PM On Matters Related To Science, Technology And Innovations

- It is named as ‘Prime Minister's Science Technology and Innovation Advisory Committee’ (PM-STIAC)
- It will be headed by K Vijay Raghavan, the principal scientific adviser to the Union Government
- The panel will facilitate the formulation and implementation of policies and decisions in directing science and technology to solve the socio-economic problems in the country
- Key Members of the Council
  - Manjul Bharghava - Noted Mathematician and Professor at Princeton University
  - Major General Madhuri Kanitkar - First Woman Dean of Army Forces Medical College, Pune
  - A S Kiran Kumar - Former ISRO Chief
  - VK Saraswat - Member of NITI Aayog and former DG of DRDO
  - Ajay Sood - Professor at Indian Institute of Science
  - Subhash Kak - Professor at Oklahoma State University, United States
  - Sangamitra Bandopadhyay - Director of Indian Statistical Institute
  - Baba Kalyani - Indian Industrialist and MD of Bharat Forge
New Delhi – 2 Charging Stations For E-Vehicles – Inaugurated In Udyog Bhavan

- Inaugurated by - Anant G. Geete, Minister of Heavy Industries & Public Enterprises
- This is as part of the Swachhta Pakhwada celebrations of the Department of Heavy Industry
- Out of the 2 charging stations, 1 is for Fast charging (DC) and the other is slow charging (AC)
- Totally 8 charging stations are installed in the Udyog Bhavan, so far
- Out of the 8 charging stations, 2 fast charging stations are installed by BHEL and 6 slow charging stations are installed by Energy Efficiency Services Limited (EESL)
- AC charger – has 3 outlets, charging 3 cars at the same time with the charging time from 6-8 hours
- DC charger – has a single outlet, charging one car at a time with the charging time of 1.5 hours

Jaipur Foot Camp – Inaugurated By Sushma Swaraj, Min Of External Affairs In Hanoi, Capital City Of Vietnam

- India is donating 500 ‘Free’ India-made Prosthetic limbs to Vietnamese beneficiaries
- Similarly, 500 more prosthetic limbs are provided in Yangon City of Myanmar, where the Jaipur-based Bhagwan Mahaveer Viklang Sahayata Samiti has started an artificial limb fitment camp in association with the Central government
CONFERENCES & SUMMITS

💧 Smart Railway Conclave, New Delhi

⭐ Inaugurated by - Piyush Goyal, Minister of Railways & Coal
⭐ Organised by – FICCI

SCIENCE, TECHNOLOGY & ENVIRONMENT

💧 ISRO – Unveils ‘Gaganyaan’ Mission For Manned Space Flight - To Send Indians In Space By 2022

⭐ The mission was announced and named ‘Gaganyaan’ by the PM in his independence day speech
⭐ The programme will make India the fourth nation in the world to launch a Human Spaceflight Mission, after US, Russia and China
**Highlights of the Mission**

- ISRO will launch 2 unmanned Gaganyaan missions, prior to the actual launch of 2022.
- GSLV Mk-III launch vehicle will be used to put the spacecraft into Space.
- The spacecraft will be placed in a low earth orbit of 300-400 km and will comprise a crew module and a service module.
- It weighs approximately 7 tonnes, and will be carried by a rocket.
- The mission will send a three-member crew to space for 5 to 7 days.
- After the take off, the manned flight will reach the orbit in 16 minutes. The crew will do microgravity experiment during the mission.
- The crew will be selected by Indian Air Force and ISRO jointly, after which they will undergo training for two-three years.
- The crew, while coming back to the Earth, could land in the Arabian Sea off the Gujarat coast or in the Bay of Bengal or even on land.
- The total project cost is expected to be around Rs 10000 crores.
● முதல் பாணிப்பில் தொலை, கோவில் பொருளாதாரம், அரச மற்றும் தொலைக்காட்சியாளர் துறவிலிருந்து பொருளிலிருந்து வாரவல்ல

● முதல் லிங்கம், விளையாட்டிக் முறைத்தொடர் அடிப்படை 4அமைப்புகள் நிகழ்த்தும் முன் முன்னாள் சாதனைக்குத்

● முதல் லிங்கத்தில் விளையாட்டிற்கு நிறுவனம துப்பு நாளத்தில் நுழைவுப்பதிவு வந்தது

● விளையாட்டு அமைப்பாளர், அளிக்கப்பட்ட நுழைவுப்பதிவு முன்னாள் முறைத்தொடர் அடிப்படை

30-வது நிறுவன 36 மாதந்திகழக பொருளறியுந்து

● முன்னாள் முறைத்தொடர் அடிப்படை 40 மாதந்திகழக அதன் 2021-ஆம் ஆண்டு வருடம் 2022-ஆம் ஆண்டு தொடங்கும் முறை

● முன்னாள் வருடம் முறைத்தொடர் 3.7 முறை முறைக்காண்செய்யப், 7 முறை சாதனை வந்தாலும்

● கட்டு 2004-ஆம் ஆண்டு அனுமானிக்கு விளையாட்டிக் முறைத்தொடர் அடிப்படை 5 முறை ஆரம்பம் முன்னாள் ஆரம்பம் 2004

16 முறை முறைக்காண்செய்யப் புனித முறைப்படை ஆரம்பம் 5 முறை 7 முறை முறைக்காண்செய்யப்

● புனித முறையை அப்படிகளின் 36 முறைக்காண்செய்யப் புனிதநடைக்கம்பிடை ஆரம்பக் 15 முறை 20 முறை முறைக்காண்செய்யப் புனிதநடை

● முன்னாள் வாழ்கையில் நுழைவு அனுமானிக்கு மூன்று பதிவுப்பாடும் வேளாண்மை

● காலனித்த வாழ்கைகள் நுழைவு தொலைவு அனுமான்கள் 861 புனித கட்டுப்பாடு 15,000 புனித கட்டு

● முன்னாள் முறைத்தொடர் விளையாட்டு நுழைவு முறைத்தொடர் அனுமானிக்கு 861 புனித கட்டுப்பாடு 15,000 புனித கட்டு

● முன்னாள் முறைத்தொடர் விளையாட்டு நுழைவு முறைத்தொடர் அனுமானிக்கு 861 புனித கட்டுப்பாடு 15,000 புனித கட்டு
**World’s Smallest Medical Robot**

🌟 It measures only 120 nanometers in size, entering the Guinness Book of World Records
🌟 It would help in cancer and Alzheimer’s treatments in future
🌟 It was created by Soutik Betal in the United States

**DEFENCE**

**Veera – The Trial Run Of The Indigenous Patrol Vessel Of Indian Coast Guard Commences Off Chennai**

🌟 The Patrol vessel has been built by L&T at their Kattupalli Private ship building centre off Chennai at a cost of Rs 185 crores
It has to be recalled that Patrol vessels ‘Vikram’ and ‘Vijaya’ were the earlier Patrol vessels developed by L&T and whose trial run were undertaken.

PERSONALITIES

World’s Oldest Woman

Julia Flores Colque (Bolivia) - 117 years and 10 months old

But, Guinness Book of World Records is yet to officially recognize and confirm her as the World’s oldest living Woman.

AWARDS

Vairamuthu’s ‘Kallikaattu Idhigaasam’ – Wins ‘Best Hindi Book Of The Year 2018’ – As Announced By FICCI (Federation Of Indian Chambers Of Commerce & Industry)

It had earlier received the ‘Sahitya Akademy Award’

The Hindi translation of the book under the title, ‘Nagaphani Van ka itihaas’ was done by translator H Balasubramaniyam

It was launched last year
FICCI – was founded in the year 1927 by GD Birla on the advice of Mahatma Gandhi

SPORTS

Asian Games, Indonesia – Day 10 Highlights

- **Manjit Singh** – won Gold in Men's 800m event – after the 1982 Asian Games when Charles Borromeo won for the last time
- **Jinson Johnson** – won Silver in Mens’s 800m event
- It was India’s only second one-two finish in 800m at the Games since Ranjit Singh and Kulwant Singh achieved the feat at the inaugural edition held in New Delhi in 1951.

- **P V Sindhu** – won Silver in the Badminton Women’s singles – becoming the 1st player to win Silver in Asian Games

- Indian table tennis men’s team (G Sathiyan, Achanta Sharath Kamal and A Amalraj) – won Bronze medal – and becomes the 1st Indian Table tennis team to win a medal in Asian Games
- **Pinky Balhara** - won silver in the women's 52 kg final in Kurash Wrestling, which is one of the sport making its debut in Indonesia
- **Malaprabha Yallapa Jadav** – won Bronze in the Women’s 52 kg final in Kurash Wrestling
- **Indian women’s compound archery team** (Muskan Kirar, Madhumita Kumari and Jyothi Surekha Vennam) – won Silver medal
✓ Indian men’s compound archery team (Abhishek Verma, Rajat Chauhan and Aman Saini) – Won Silver medal
✓ India now has 9 Gold, 19 Silver and 22 Bronze and stays at 8th position in the overall medals tally

♦ World Youth Boxing, Budapest – 4 Indian Boxers Wins Bronze Medal

✓ Men’s - Bhavesh Kattimani (52kg) and Ankit Khatana (60kg)
✓ Women’s - Neha Yadav (+81kg) and Sakshi Gaidhani (81kg)

INTERNATIONAL DAYS

♦ National Sports Day – Aug 29

✓ National Sports Day 2018, marks the birth anniversary of the Legendary hockey player Major Dhyan Chand who was born on August 29, 1905

NEWS IN PICTURE
2022: India’s space odyssey
What is the Human Space Flight Project all about?

- In 2022, 3 Indian astronauts, mostly flight test pilots from the IAF, will circle earth for seven days from a distance of 300-400 km
- They will travel in a 7,000-kg crew capsule. A GSLV-MkIII launch vehicle will lift them to their orbit
- The flight will take off from a refurbished launchpad at Sriharikota
- The entire project could cost roughly between ₹7,000 to 9,000 crore

ALSO PROPOSED
- Food, suits and other life systems for crew
- Astronaut selection & training
- Two unmanned trials, the first in two years
- A new command & tracking centre at ISTRAC, Bengaluru
- Improved launchpad at SDSC, Sriharikota

INDIA’S TRYST WITH ITS MAN IN SPACE

April 2, 1984: Rakesh Sharma becomes the first and only Indian citizen to travel in space

2007 - First proposals for ISRO’s manned space mission

2008 - India and Russia sign MoU for manned space mission; plan abandoned in 2010

Dec 2014 - Experimental flight of the manned mission launcher - GSLV Mk-III - tested

2016 - Then director of Vikram Sarabhai Space Centre, K Sivan announced ‘Pad abort’ test for the mission capsule

2017 - Initial estimates of the successful manned space mission

July 2018 - Pad abort test conducted successfully in Sriharikota

2022 - PM Narendra Modi’s new target for manned space mission
REMEMBERING MAJOR DHYAN CHAND ON HIS 113th BIRTH ANNIVERSARY
(August 29, 1905 – December 3, 1979)

CHILDHOOD AND EARLY LIFE

★ Dhyan Chand was born in Allahabad to Sameshwar Dutt Singh and Sharadha Singh

★ He could get only six years of schooling as his family had to move from one city to another continually because of the transferable nature of his father's job

★ His family finally settled in Jhansi, Uttar Pradesh

★ He loved to wrestle as a youngster though he was not much inclined towards other sports

CAREER

★ He joined the Indian Army when he was just 16

★ He started playing hockey seriously during his army stint, often practicing late in the night after duty hours

★ He was a good player and from 1922 started playing in army hockey tournaments

★ Due to his skills, he was selected to play in the Indian Army Team which was to tour New Zealand in 1926

★ His team won 18 matches out of 21 in the tournament and Dhyan Chand was greatly appreciated for his performances
★ He was promoted to **Lance Naik** upon his return to India

★ Field hockey was reintroduced in the 1928 Amsterdam Olympics and the Indian Hockey Federation wanted to send its best team for the event

★ Dhyan Chand with his great performance in the inaugural nationals secured a place in the team

★ Dhyan Chand emerged as the hero of the 1928 Olympics by scoring 14 goals in five matches

★ He was made the captain of the Indian hockey team in 1934 and he led the team to the 1936 Berlin Olympics

★ There too, he worked his magic and team win the gold medal - India’s third successive gold in field hockey

★ He continued playing hockey till the late 1940s and retired from army as a **Major in 1956**

★ He became a coach after his retirement

**AWARDS AND ACHIEVEMENTS**

★ He was part of the Indian hockey teams that won three Olympic gold medals in field hockey in **1928, 1932 and 1936**

★ Over his sporting career, he had scored more than 1,000 goals out of which 400 were international ones

★ He was honoured with the Padma Bhushan, India’s third highest civilian award in **1956** for his contributions to the field of sports

**PERSONAL LIFE AND LEGACY**

★ He married **Janaki Devi** in 1936 and had seven sons with her

★ He suffered from liver cancer and died in 1979 at the age of 74

★ India’s highest award for lifetime achievement in sports, **The Dhyan Chand Award** is named after him
TRIVIA

☆ A statue of Dhyan Chand with four hands and four sticks was erected in Vienna depicting his master control over the ball

☆ Birthday of the great hockey player on August 29 is celebrated as National Sports Day in India

☆ National Stadium in Delhi was renamed as Dhyan Chand National Stadium in 2002 in his honour

☆ Government of India has issued a commemorative postage stamp and a First Day Cover in honour of Dhyan Chand. He remains the only Indian hockey player to have a stamp in his honour

NATIONAL SPORTS DAY

☆ It is celebrated every year on August 29

☆ This day marks the birth anniversary of Major Dhyan Chand, the hockey wizard who won gold medals in Olympics for India in the years 1928, 1934 and 1936

☆ On the national level, a grand function is organised at the Rashtrapati Bhavan, with the President giving away the National Sports Awards, to players who have made the country proud with their great sporting skills

☆ Awards include the Arjuna Award, Rajiv Gandhi Khel Ratna Award and the Dhronacharya Award

☆ The Dyan Chand Award, which is the nation's highest award for sporting excellence and which was first given in 2002 is also given away on this day