

June – 28

TNPSC BITS

- ❖ Girish Koushik (22) from Mysore, Karnataka became India's 63rd Grandmaster at the 37th Balaton International Chess Festival in Hungary.

NATIONAL

Five judges – PIL

- ❖ Chief Justice of India Ranjan Gogoi has notified a new roster of work saying that top five judges of the Supreme Court will be hearing Public Interest Litigation (PIL) matters.
- ❖ Earlier, fresh PIL matters were notified to be heard only by the CJI and the second senior-most judge after the CJI.

தலைமை நீதிபதி ரஞ்சன் கோகோய்	
1. பொது நல மனுக்கள் 2. சமூக நீதி வழக்குகள் 3. தேர்தல் விவகாரங்கள் 4. ஆள்கொளர்வு மனுக்கள் 5. குற்றவியல் வழக்குகள்	
நீதிபதி எஸ்.ஏ.போட்டே	
1. பொது நல மனுக்கள் 2. கல்வி நிறுவனங்களில் மாணவர்களின் சேர்க்கை விவகாரங்கள் 3. நேரடி வரி தொடர்பான வழக்குகள் 4. தேர்தல் விவகாரங்கள் 5. வர்த்தக சட்டங்கள்	
நீதிபதி என்.வி.ரமணா	
1. பொது நல மனுக்கள் 2. இழப்பீடு விவகாரங்கள் 3. குற்றவியல் விவகாரங்கள் 4. நீதித்துறை அதிகாரிகள் தொடர்பான வழக்குகள் 5. ஆயுதப்படை, துணை ராணுவப்படை தொடர்பான வழக்குகள்	
நீதிபதி ஆர்.எஃப். நாராயண்	
1. பொது நல மனுக்கள் 2. வாடகை சட்டங்கள் 3. குடும்ப சட்டங்கள் 4. உரிமையியல் விவகாரங்கள் 5. தீர்ப்பாயங்கள், பல்வேறு ஆணையங்கள் பிறப்பிக்கும் உத்தரவுகளுக்கு எதிரான மேல்முறையீட்டு மனுக்கள்	
நீதிபதி அருண் மிஸ்ரா	
1. பொது நல மனுக்கள் 2. நில கையகப்படுத்துதல் விவகாரங்கள் 3. நிறுவன சட்டங்கள் 4. நிதிமன்ற அலமதிப்பு 5. கல்வி நிறுவனங்கள் தொடர்பான வழக்குகள்	


Prime Minister's Japan Visit

- ❖ Prime Minister Narendra Modi held wide-ranging talks with his Japanese counterpart, Shinzo Abe.
- ❖ It was the first meeting between the two leaders since the start of Japan's Reiwa era and Mr. Modi's re-election.
- ❖ He announced President Ram Nath Kovind would participate in the coronation ceremony of Emperor Naruhito in October.



National Mission on Natural Language Translation

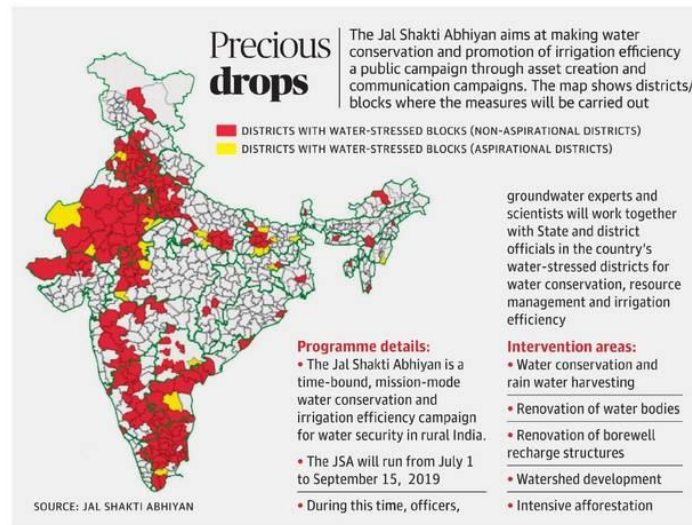
- ❖ The Ministry of Electronics and IT will place before the Union Cabinet a proposal for Natural Language Translation.
- ❖ It aims to make science and technology accessible to all by facilitating access to teaching and researching material bilingually in English and in Local language.
- ❖ To achieve this, the government plans to leverage a combination of machine translation and human translation.
- ❖ Besides natural language translation, following other missions also identified by the body:
 - Quantum Frontier,
 - Artificial Intelligence,
 - National Bio-diversity mission,
 - Electric vehicles,
 - Bio-Science for Human Health and
 - Deep ocean exploration.

Going local The Ministry of Electronics and IT's Natural Language Translation mission aims to enable access to teaching and researching material in English and one's native language <small>SOURCE: CENSUS 2011</small>	Language	Mother tongue of speakers (%)	 The proposed cost of the Natural Language Translation mission is ₹450 crore
	Hindi and associated languages	43.63	
	Bengali	8.03	
	Marathi	6.86	
	Telugu	6.7	
	Tamil	5.7	
	Gujarati	4.58	
	Urdu	4.19	
	Kannada	3.61	

Jal Shakti Abhiyan

- ❖ The Centre is set to initiate the Jal Shakti Abhiyan to ramp up rainwater harvesting and conservation efforts in 255 water-stressed districts from July 1.
- ❖ The campaign would follow the model of Gram Swaraj Abhiyan of 2018.

- ❖ The campaign would run from July 1 to September 15 in States receiving rainfall during the south-west monsoon.
- ❖ while States receiving rainfall in the retreating or north-east monsoon would be covered from October 1 to November 30.
- ❖ Progress would be monitored in real time through mobile applications and an online dashboard at indiawater.gov.in.



Rankings of Police Stations - 2018

- ❖ The Ministry of Home Affairs released the rankings of police stations for the year of 2018.
- ❖ The Kalu police station in Bikaner district of Rajasthan was ranked the best police station in the country.

State Name	District	Police Station Name	Final Rank	Part A Rank	Part B Rank
Rajasthan	Bikaner	Kalu	1	1	1
A&N Islands	Nicobar	Campbell Bay	2	2	2
West Bengal	Murshidabad	Farakka	3	5	5
Puducherry	Puducherry	Nettapakkam	4	6	9
Karnataka	Dharwad	Gudageri	5	4	19
Himachal Pradesh	Shimla	Chopal	6	7	21
Rajasthan	Bundi	Lakheri	7	9	14
Tamil Nadu	Theni	Periyakulam	8	3	58
Uttarakhand	Pithoragarh	Munsyari	9	12	16
Goa	South Goa	Curchorem	10	8	26

- ❖ Campbell Bay police station in Nicobar district of Andaman & Nicobar Islands was ranked second.

- ❖ Periyakulam in Theni, Tamil Nadu, police station stands at 8th place.
- ❖ In 2017, R S Puram police station in Coimbatore, Tamil Nadu, was ranked as the best, followed by Panjagutta in Hyderabad and Gudamba in Lucknow.

Self Defense Training for girls


- ❖ The government has introduced a self-defence training programme for girls under Samagra Shiksha Scheme.
- ❖ This scheme was launched to ensure the safety and security of girls keeping in mind the rising number of crimes against girls and women.
- ❖ Self-Defence training is also being given in Kasturba Gandhi Balika Vidyalayas.
- ❖ States will be given funds through the Nirbhaya Fund under Ministry of Woman and Child Development.
- ❖ “Samagra Shiksha” is an Integrated Scheme for School Education which is launched by the Department of School Education and Literacy.

SCIENCE AND TECHNOLOGY

Avishkar Hyperloop

- ❖ The team of IIT Madras plans to unveil an indigenously designed and developed hyperloop pod at the finals of a competition organised by SpaceX.

HOW IT WORKS?



- Hyperloop pressure pod uses magnetic levitation to float on the track in a low-pressure tube
- Motors (linear induction) propel the pressurized pod with air bearings at a required speed
- Motors, magnets will help decelerate when required
- Developers across the world working to achieve supersonic speed of more than 1,200kmph

Project specs

- Self-propelled and autonomous, with DC motor
- Powered by batteries similar to lithium ion

Max speed | 480kmph

Pod Length | 267cm

Width | 36cm

Status of IIT-M pod: Design ready; fabrication for prototype under way

- ❖ It is an indigenous design and development for building the first-ever self-propelled, completely autonomous Hyperloop Pod in India.

- ❖ Hyperloop is the 5th mode of transportation, a high-speed train that travels in a near-vacuum tube.

ENVIRONMENT

Desert dinosaur – *Vespersaurus*

- ❖ A desert-based carnivorous dinosaur has been unearthed in southern Brazil.
- ❖ The dinosaurs had used claws to capture small prey 90 million years ago.
- ❖ The fossil remains of the *Vespersaurus paranaensis* were found in Brazil.



STATES

Kaleshwaram Lift Irrigation Project

- ❖ Kaleshwaram Lift Irrigation Project (KLIP) was inaugurated on June 21, by Telangana Chief Minister K Chandrashekhara Rao.
- ❖ This world's largest multi-stage, multi-purpose lift irrigation project is built across Godavari river.
- ❖ KLIP will lift the water to a height of half-a-kilometer.
- ❖ It is claimed to be the world's biggest project of its kind, completed in the shortest span of time.

THE LONGEST AND BIGGEST IRRIGATION SYSTEM Total length 1,832 km <hr/> Total gravity canal 1,531 km <hr/> Total tunnel length 203 (not single tunnel) <hr/> Pressure pipe line 98 km	Total number of lifts 20	New reservoirs 20	Live storage 147.71 TMC
	Total number of pump houses 22	Old and excising reservoirs 5	Highest pump capacity 139 mw
	Total number of pumps 120	Live storage 147.71 TMC	Per day 2 TMC water can be lifted, by far the biggest
	Power requirement 5,512 MW (2 TMC)	Highest pump capacity 139 mw	Highest power consumption scheme, requires about
	Power requirement 7,700 MW (3 TMC)	Old and excising reservoirs 5	7.7 giga watts (7,700 mw)

Amma Vodi Extension – Andhra Pradesh

- ❖ Chief Minister of Andhra Pradesh announced that ‘Amma Vodi’ scheme was being extended to Intermediate students in both government and private colleges and also residential schools and hostels.
- ❖ An annual financial assistance of Rs.15000 will be granted to each mother who sends her wards to school or college, under Amma Vodi scheme.

Sindhu Darshan Festival

- ❖ The 23rd edition of Sindhu Darshan Utsav 2019 celebrated at Sindhu Ghat Shey in Leh, Kashmir.
- ❖ The “Sindhu Darshan” or Sindhu festival was first started in month of October 1997.
- ❖ It aims at projecting Indus as a symbol of India’s unity, peaceful coexistence and communal harmony and is also a symbolic salute to brave soldiers of country.



PERSONALITIES, AWARDS AND EVENTS

Ranjith Singh Statue – Lahore

- ❖ On the 180th death anniversary of Maharaja Ranjit Singh, a statue was unveiled at the Lahore Fort.
- ❖ Maharaja Ranjit Singh was a legendary ruler of Punjab.
- ❖ Around 500 people crossed the Wagah border to attend the unveiling event.
- ❖ The main ceremony will take place at Gurdwara Dera Sahib.



Cyrus Poonawalla - Oxford honour

- ❖ Cyrus Poonawalla is the founder and Chairman of the Serum Institute of India.
- ❖ He has received an honorary degree from the University of Oxford for his work in the field of life-saving vaccines and philanthropy.
- ❖ Founded in 1966, the Serum Institute is the world's largest manufacturer of life-saving vaccines by number of doses.
- ❖ Headquarters – Pune, India.



SPORTS

Fastest 20K runs

- ❖ Virat Kohli became the to 20,000 international runs when he reached 37 during India's 6th match of the 2019 Cricket World Cup against West Indies in Manchester.
- ❖ Kohli reached the 20000-run mark in only his 417th innings (131 in Tests, 223 in ODIs, and 62 in T20Is).



- ❖ Sachin Tendulkar and Brian Lara took 453 innings to reach this milestone.
- ❖ Ricky Ponting got to 20000 international runs in 468 innings.
- ❖ Overall, Virat Kohli became the 12th batsman of the World and 3rd Indian after Sachin Tendulkar and Rahul Dravid to reach 20,000 international runs.

Suspension of Olympic status of AIBA

- ❖ International Olympic Committee decided to suspend AIBA's (International Boxing Association) Olympic status.
- ❖ Also, the Committee take over the responsibilities of the qualifying and final tournaments for the 2020 Tokyo Games.
- ❖ AIBA is a sport organization that sanctions amateur (Olympic-style) boxing matches and awards world and subordinate championships.
- ❖ It was established in 1946 and headquartered in Lausanne, Switzerland.



IMPORTANT DAYS

World Hydrography day - June 21

- ❖ World Hydrography Day is observed on 21 June every year since 2006.
- ❖ This initiative was started by the International Hydrographic Organization (IHO).
- ❖ It is observed to publicise the work of hydrographers and the importance of hydrography.
- ❖ It aims to increase awareness about the safe navigation, technical standards and protection of the marine environment.
- ❖ This year's theme for World Hydrography Day is "Hydrographic information driving marine knowledge."

