



SHANKAR
IAS ACADEMY

THE BEST IAS ACADEMY IN SOUTH INDIA SINCE 2004

1

ISSUES

INDIA AND TAMILNADU

1. 2019 Pulwama attack

- 14 February 2019
- attacked by a vehicle-borne suicide bomber at Lethpora
- deaths of 40 Central Reserve Police Force (CRPF)
- attack was claimed by the Pakistan-based Islamist militant group Jaish-e-Mohammed



2. Very Severe Cyclonic Storm Gaja

- Tamil Nadu sought Rs 15,000 crore from Centre
- November 16
- 175–180 km/h speed
- Center released 353.7 crore from NDRF
- Nagappattinam, Thanjavur, Thiruvarur, Pudukottai, Karaikal, Trichy and Ramanathapuram(10 Dist)
- 18,000 hectares of Coconut trees were damaged, mostly uprooted
- Totally 56,000 hectares of crops and trees were destroyed
- 46 People Dead
- The Government has sanctioned an assistance of Rs.30,000 for cattle and Rs.3,000 for goats

Your Actions as District Collector



3. 34th district KALLAKURICHI

- On January 8, 2019 – Announced
- came into existence on 26th november 2019
- by bifurcated from Villupuram district
- difficult for the administrators to govern the district.
- covers 6 taluks namely Kallakurichi,Chinnasalem, Sankrapuram, Ulunderpet, Thirukovilur and Kalvarayanmalai.
- Kallakurichi is known for its rice production, Sugarcane, Maize, Turmeric, Cotton and Urad.
- **Home of Agriculture“**
- over 10 Rice processing units
- Gomukhi dam, Manimukdha dam
- Periyar, Megam and Kaviyam waterfalls
- Collector Mr.Kiran Gurralla, IAS
- Superintendent of Police Mr.Jayachandran, IPS



3.33rd district Tenkasi

- July 18, 2019 – Announced
- on 22.11.2019
- Revenue Divisions` (2)
 - Tenkasi
 - Sankarankovil
- 8 Taluks
- Collector G.K.Arun Sundar Dhayalan, IAS
- Superintendent of Police G.Suguna Singh, IPS



3.37th district Chengalpattu

- July 18, 2019 – Announced
- 29 November 2019
- Maduranthakam lake is the largest lake in Chengalpattu district and is the second largest one in tamilnadu.
- Rice is the major crop, Sugarcane, Groundnuts, Urid dhal, Moong dhal, Karamani, Sesame
- Vegetables such as brinjal, ladies finger , Watermelons
- Beetel leaves were produced in Karunguzhi



- Chengalpattu District has 3 Revenue Divisions
 - Tambaram Revenue Division: Pallavaram taluk, Tambaram taluk, Vandalur taluk
 - Chengalpattu Revenue Division: Chengalpattu taluk, Thiruporur taluk, Tirukalukundram taluk
 - Madurantakam Revenue Division: Madurantakam taluk, Cheyyur taluk
- Pallavaram and Tambaram taluks lies in the Chennai Metropolitan Area.
- Chengalpattu District has 8 Municipalities
- Superintendent of Police T.Kannan, IPS
- District Collector A. John Louis, IAS
- Kalpakkam
- Medipark



Industries

1. Siruseri SIPCOT IT Park which is the largest IT parks in Asia is situated in Thirupporur taluk.
2. Madras Export Processing Zone has large number of IT and BPO based companies in Tambaram.
3. Maraimalai Nagar is Detroit of Chengalpattu district having various automobile manufacturing units such as Ford motors, Hyundai, Rane TRW etc.
4. Mahindra World City has large number of companies in IT SEZ, Auto Ancillary SEZ, Apparel & Fashion SEZ and DTA.
5. Madras Atomic power station is present in Kalpakkam.
6. Marg Swarnabhoomi SEZ present in Kodur.
7. Ultra Mega Power Projects (UMPP) is about to be setup in Cheyyur by government of India.
8. Distilleries are present in Chengalpattu and Madurantakam areas.



Major Places

1. Mamallapuram rock cut cave temples built by pallavas.
2. Vandalur Arignar Anna zoological park.
3. Vedanthangal birds sanctuary.
4. VGP golden beach, Kovalam surf point, Mamallapuram beach.
5. Sadurangapattinam Dutch fort.
6. Edaikazhinadu backwaters.
7. Edaikazhinadu Portuguese fort remains.
8. Thirukazhukundram vedagiriswarar temple.



3.36th District Ranipet

- Raja Desingh – Wife –Sati - Ranipettai
- on August 15, 2019
- November 28, 2019
- District CollectorS Divya dharshini IAS
- Superintendent of Police A Mayilvaganan IPS
- two revenue divisions: Ranipet and Arakkonam;
- four taluks: Walajah, Arcot, Nemili and Arakkonam
- First rail – 1856 – Ranipet to Walaja
- Walaja – First municipality in Tamilnadu
- Navalak – Coconut farm – Largest in the state
- BHEL, Ceramic- Parry, SIPCOT, SIDCO, Leather



3.35th District Tirupattur

- on August 15, 2019
- 28 November 2019
- District Collector Mr. Sivan Arul, IAS
- Superintendent of Police Mr. Vijaya Kumar, IPS
- reservoir of fine sandal wood



Can we create many small districts?

- Long demand
- Accessibility
- Reach – Scheme
- Inclusive development
- Can be done



4. Chennai got its first Drainage-cleaning robot, Bandicoot

- Drainage cleaning



5. Erode Turmeric GI Tag

- It consists of 2.5-4.5% curcumin, has a golden yellow colour and is resistant to pests after boiling.
- potential to prevent heart disease, Alzheimer's and cancer
- It's a potent anti-inflammatory and **antioxidant** and may also help improve symptoms of depression and arthritis



6. World's largest rail coach manufacturer

- ICF
- Indian Railway's oldest and premier coach manufacturing unit becomes the single largest rail coach manufacturer in the world.
- 2,919 coaches from April 2018 to February 2019 as compared to 2,600 coaches by Chinese manufacturers.




7. National Institutional Ranking Framework (NIRF)

- First in 2016
- 4th Edition
- The parameters for the ranking were Teaching, Learning and Resources, Graduation Outcomes, Research and Professional Practices, Outreach and Inclusivity, and Perception.
- IIT Madras was the best institute among top 10 government institutes.



8. 'Tamil Yeoman' or 'Tamil Maravan' state butterfly

- found in the Western Ghats
- TN – 5th State
- Maharashtra was the first to declare Blue Mormon as its state butterfly
- Uttarakhand (Common peacock), Karnataka (Southern bird wings) and Kerala (Malabar banded peacock)

SPECIAL STATUS			OTHER RECOGNIZED SPECIES IN TN
<p>TIDBITS ABOUT TAMIL YEOMAN BUTTERFLY SPECIES</p> <p>Habitat Endemic to Western Ghats. They occur in moist deciduous, evergreen forests and along streams</p> <p>Size 60-75 mm</p> <p>Habit Fast, straight flight with few wing beats and long glide</p>			
<p>Larva They lay eggs in vertical chains of 8-10. Larva initially stay in group, below the leaf and often in shady areas. They eat edges of soft tender leaves</p> <p>No. of butterfly hotspots in TN 32</p>		<p>Scientific name <i>Cirrochroa thais</i></p>	



9. 'Hospital Day' on July 30, 2019

- Tamil Nadu (TN) celebrated its first 'Hospital Day'
- birth anniversary Muthulakshmi Reddy.
- one of India's prominent successful woman doctors in the early 20th century and
- TN's first woman legislator.
- Born on July 30, 1886, in Pudukottai,
- founder of Adyar Cancer Institute in Chennai (1954).
- She was the prime mover behind the legislation that abolished the Devadasi system and played a keen role in raising the minimum marriage age for women in India •



GI Tag

- What is GI Tag?
 - It is an indication
 - It originates from a definite geographical territory.
 - It is used to identify agricultural, natural or manufactured goods
 - The manufactured goods should be produced or processed or prepared in that territory.
 - It should have a special quality or reputation or other characteristics
- Benefits
 - It confers legal protection to Geographical Indications in India
 - Prevents unauthorised use of a Registered Geographical Indication by others
 - It provides legal protection to Indian Geographical Indications which in turn boost exports.
 - It promotes economic prosperity of producers of goods produced in a geographical territory.



10. 'Panchamirtham' of Palani – GI TAG

- Palani Dandayuthaswamy temple
- using 5 sweet substances including plantains, jaggery, grapes, forest honey, and ghee.
- Besides, these five basic ingredients, dates and diamond sugar candies are also added for flavour.
- No water is added during preparation of panchamirtham
- Central Research Institute of Food Technology in Mysore, Karnataka.
- Tanjavoor Veenai, Madurai Malligai, Neelgiri Tea leaves and Turmeric from Erode from Tamil Nadu were given the GI tags.
- Now, the total number of such products indigenous to Tamil Nadu mounted to 29.



10. Dindigul lock and Karaikudi Kandangi sarees.

- handmade Dindigul locks
 - traditional design, superior quality,
 - 150 years old
 - introduced by the Sankaranalingacharya brothers
- Kandangi cotton sari
 - by brilliant colour large contrast borders.
 - 150 years
 - typical checkered patterns, earthen colours, contrasting borders



10. “Srivilliputtur Palkova”

- On september 10, 2019 “Srivilliputtur Palkova” in Virudhunagar district
- high quality flavour of milk with sugar.
- milk is fetched only from in and around reared cows of Srivilliputtur.



11. A.P.J. Abdul Kalam award

- On August 15, 2019
- Given to ISRO Chairman **K.Sivan,**
- Leadership the Chandrayaan- 2 mission
- Kalpana Chawla award for Courage and Daring Enterprise – P. **Ramyalakshmi,**
- Special award for extraordinary Act of Bravery- **Shanmugavelu and his wife Senthamarai.**



12. CM foreign Visit

- 14 days visit
- August 28- September 10 2019
- To attract Investment
- Visited the United Kingdom (UK) , United States(US) and United Arab Emirates(UAE)
- fetched total investment worth Rs 8,830 crore
- 41 Memorandum of Understanding(MoU) signed
- first trip abroad travel by an active Chief Minister.



13. contract farming

- Tamil Nadu (TN) becomes the first state in India to enact the law on contract farming.
- involves agricultural production being carried out on the basis of an agreement between the buyer and farm producers.
- In addition to poultry, there was contract farming of sugarcane and herbs.
- But, there was no law to ensure the welfare of the farmers involved in it, until now.



14. 2nd India-China Informal Summit in Mahabalipuram,

- 11-12 October
- first informal summit between the two nations was held in Wuhan, China in April 2018. ‘Wuhan Spirit’, ‘Chennai Connect’.
- 2020 as Year of India-China Cultural and People to People Exchanges.
- 70th anniversary of the establishment of India-China relations.
- Trade deficit \$53 billion.
- Gift - Nachiarkoil, a six-feet Annam lamp coated with gold and also a three-feet high Thanjavur painting of dancing Saraswathi(Godess)
- a gold-and- red silk handwoven shawl bearing his image
- link between Mahabalipuram and Fujian



London

- in control of vector borne diseases, especially malaria and dengue.
- Flagship hospital: The King's College Hospital, London
- Visit to Suffolk
- tied up with International Skills Development Corporation

USA

- He also launched **YaadhumOore** (the world is our home) scheme for non-resident Tamils willing to invest in projects in TN.
- set up a livestock park in Thalaivasal, Salem.
- visited the wastewater treatment plant.
-



15.National Organ Donation Day

- *Tamil Nadu* bagged- Best State Award in cadaveric organ donation.
- fifth consecutive year.
- India performs the second largest number of transplants in the world, next only to USA



16. Chennai-Kanyakumari Industrial Corridor (CKIC)

- Phase 1: Madurai-Virudhnagar-Dindigul-Theni and Thoothukudi-Tirunelveli nodes
- manufacturing.
- ADB has been assisting in developing CKIC
- 23 out of 32 districts, accounting for 64% of Tamil Nadu's area and 70% of state population
- Rs.3,200 crore loan to strengthen power connectivity
- The estimated date of completion of project is by end of 2024.



17. EWS Quota

- 10% - Economically weaker section in General Category
- Indra Sawhney case judgement – 50% - VP Singh Government
- Nagaraj Case
- *Equality of opportunity in matters of public employment*
- 76th CAA 1994

Quota Call

2006

SC says creamy layer must be excluded from SC, ST reservations

This would ensure benefits reach the poorest of them

2018

Rejects AG's plea to refer issue to 7-judge bench

Reiterates that creamy layer concept is an inherent part of the principle of equality; will apply to SCs, STs too

2019

AG again wants case to be referred to larger bench

Says issue sensitive



18.FSSAI

- Eat Right Movement
- Swasth Bharat Yatra Award – Over all best state - Tamilnadu



19.KEEZHADI

- Vaigai river
- Sivagangai Dist
- Archaeologist Amarnath Ramakrishna
- excavations carried out by the Archaeological Survey of India (ASI) and the Tamil Nadu Archaeology Department (TNAD)
- Phase 1 and 2 – ASI
- Phase 3, 4, 5 – TNAD
- More than 900 artefacts were unearthed in 5th phase
- there might be a possible **link between** the scripts of Indus Valley Civilisation
- Tamil **Brahmi script** – aathan, kumizhan aathan
- existence of an **urban civilisation** on the riverbed of Vaigai that was contemporary to the Gangetic plain civilisation



Keeladi-An Urban Settlement of Sangam Age on the Banks of River Vaigai ³³

- second urbanisation [the first being Indus] of Vaigai plains happened in Tamil Nadu around 6th century BCE as it happened in Gangetic plains.
- attained literacy or learned the art of writing as early as 6th century BCE
- The society in Keeladi had used animals predominantly for agricultural purposes
- Bass Indicas



20. Megadatu Dam

- ***set up by the Karnataka government***
- near Mekedatu, in Ramanagaram district, across the river Cauvery
- objective is ***to supply drinking water to Bengaluru and recharge the groundwater table in the region***
- ***Opposed by Tamilnadu Government***
- Karnataka - Will not come in the way of releasing the stipulated quantum of water to Tamil Nadu, nor will it be used for irrigation purposes



21. FBPR

- India's first indigenously developed 500-megawatt (mw) Prototype Fast Breeder Reactor (PFBR) at Kalpakkam in Tamil Nadu
- Expected to reach criticality
- uranium-plutonium MOX fuel, a mixture of PuO_2 and UO_2 .
- designed indigenously by Indira Gandhi Centre for Atomic Research (IGCAR)



22. Energy in TN

Tamilnadu (31.01.2019)

Thermal	14,886 MW
Hydro	2,178 MW
Renewable (39%)	11,934 MW
Nuclear	1,448 MW
TOTAL	30,446 MW

● Demand - 16,151MW

India (31.01.2019)

Thermal	2,22,927 MW
Hydro	45,399 MW
Renewable (21.2%)	74,082 MW
Nuclear	6,780 MW
TOTAL	3,49,188 MW

23. Cauvery Water Management Authority (CMA)

- a chairman, a secretary and eight members
- two will be full time, while two will be part time members from centre's side.
- Rest four will be part time members from states
- main mandate of the CMA will be to secure implementation and compliance of the Supreme Court's order in relation to "storage, apportionment, regulation and control of Cauvery waters".
- promoting use of micro-irrigation, change in cropping patterns, improved farm practices and development of command areas
- Cauvery Water Regulation Committee that shall give effect to the decision of the Cauvery Water Disputes Tribunal
- will meet every 10 days during months of June and October



The final allocation for a total of 740 TMC is:

1. Karnataka : 284.75 (270 + 14.75) TMC
2. Tamil Nadu : 404.25 (419 – 14.75) TMC
3. Kerala : 30 TMC
4. UT of Pondicherry : 7 TMC

Environmental Protection : 10 TMC

Inevitable wastage into sea : 4 TMC



24. Food Production

Crop	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19**
Rice	71.15	79.49	73.75	35.54	66.38	61.19
Millet	32.73	40.79	34.25	13.45	35.18	34.21
Pulse	6.14	7.67	5.85	3.39	5.56	6.23
Total	110.02	127.95	113.85	52.38	107.13	101.65
*Lakh metric tonne *Third Advance Estimate						



25. Tamilnadu State Marketing Corporation Ltd. (TASMAC)

- 23.05.1983
- owned by Govt. of Tamilnadu
- doing the retail business also successfully with effect from 29.11.2003.
- Closure of 500 +500 Shops
- Changed the timing

5,152 liquor retail vending shops across

A new high

Year	Excise revenue	VAT (Sales tax)	Total
2014-15	5,731.18	18,433.77	24,164.95
2015-16	5,836.01	20,009.57	25,845.58
2016-17	6,248.17	20,747.08	26,995.25
2017-18	6,009.25	20,788.71	26,797.96
2018-19	6,863.11	24,294.72	31,157.83

(All values in ₹ crore. Figures indicate the revenue generated through liquor sales in the past five fiscals)



26.CAB/CAA

- Passed on December 11, 2019
- with 125 votes in favor and 105 votes against
- received presidential assent on December 12.
- North East, West Bengal, New Delhi
- Jamia Millia Islamia – JNU and DU



Vivek Joshi – Census Commissioner

CAB/CAA

- to grant Indian citizenship to the religious minorities
- Pakistan, Bangladesh and Afghanistan-
- due to religious persecution or the fear of being persecuted.
- six non-Muslim communities
- Hindu, Sikh, Christian, Jain, Buddhist and Parsi
- Based on religion
- CAB will grant citizenship to the religious minorities who entered India on or before **December 31, 2014.**

NRC

- aimed at removing illegal immigrants from India
- recently completed in Assam
- NRC will be implemented across India
- either they or their ancestors were in India on or before March 24, 1971
- to weed out illegal Bangladeshi immigrants,
- NRC will include those who can prove that either they or their ancestors lived in India on or before **March 24, 1971.**



Why Assam Protesting?

- CAA expected to help those excluded by the Assam NRC
- would nullify the Assam Accord of 1985
- Will benefit the non muslims
- violates the spirit of equality guaranteed under Article 14



26. CAB

“Now, people say that the Citizenship (Amendment) Bill doesn't affect Muslims who are already in India and are Indian citizens. But that's not the point. The point is that it makes those 200 million Muslims feel as if somehow their religion is not as valid or as Indian as the others. That's not a good recipe for harmony. India should not be competing with Pakistan or Afghanistan.”

Venkatraman Ramakrishnan, Nobel Laureate



Narendra Modi ✓ @narendramodi · Dec 16

Violent protests on the Citizenship Amendment Act are unfortunate and deeply distressing.

Debate, discussion and dissent are essential parts of democracy but, never has damage to public property and disturbance of normal life been a part of our ethos.



Narendra Modi  @narendramodi · Dec 16 

The Citizenship Amendment Act, 2019 was passed by both Houses of Parliament with overwhelming support. Large number of political parties and MPs supported its passage. This Act illustrates India's centuries old culture of acceptance, harmony, compassion and brotherhood.



Narendra Modi  @narendramodi · Dec 16 

I want to unequivocally assure my fellow Indians that CAA does not affect any citizen of India of any religion. No Indian has anything to worry regarding this Act. This Act is only for those who have faced years of persecution outside and have no other place to go except India.



Narendra Modi  @narendramodi · Dec 16 

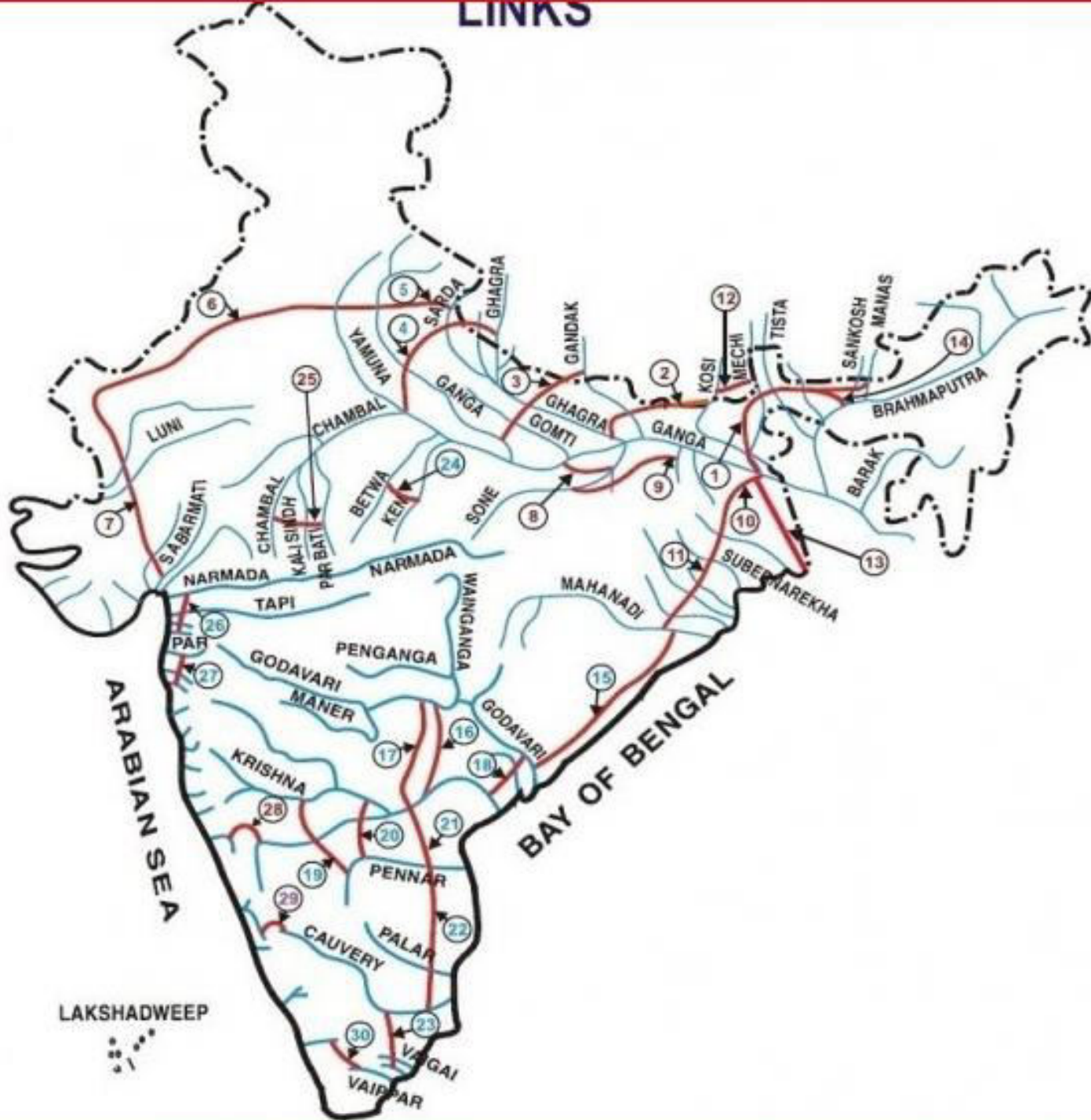
The need of the hour is for all of us to work together for the development of India and the empowerment of every Indian, especially the poor, downtrodden and marginalised.

We cannot allow vested interest groups to divide us and create disturbance.

27.NEET Issue

- No of medical seats
- Tamil Nadu would not benefit from the state's 69% reservation rule. The Centre allows only 49.5% quotas.
- only three attempts.
- In the year 2018, only 4 students from Government schools were able to join Medical College
- In 2017, it was only 2 students
- Can NEET be cleared by most students without the getting coaching from private coaching classes?
- What will make a student a good doctor? NEET score or what the students learn in the five years and later?





28. Interlinking of River⁴⁷

- Pros
 - Drought free
 - Reduce farm suicides
 - Flood Control
 - Agricultural Production
 - Employment
- Cons
 - Environment
 - Ecological damage
 - Cost
 - Displacement of people
 - Protest
- Sustainability

28.Green Crackers – Air Pollution

- Council of Scientific and Industrial Research (CSIR) _NEERI
- Barium Nitrate
- Copper-blue, Barium-green, Sodium-yellow or orange, Calcium-Orange, Gold-iron, Strontium and Copper are mixed together to give purple colour.
- **Green crackers** does not contain harmful chemicals and reduce air pollution. They are eco-friendly. That is green crackers are less harmful as compared to conventional firecrackers and reduces air pollution.
- new formulations for reduced emission light and sound emitting crackers with 30% reduction in particulate matter.



What are Green Crackers?

Formulations developed by CSIR-NEERI

Uses **potassium nitrate and zeolite** instead of barium nitrate

125 decibels emitted by green crackers against 160 by conventional ones

30% less production of PM 2.5

Source: Department of Science & Technology and CSIR

29. Stagflation

- lofty inflation amid rising unemployment and stagnant demand
- India's retail price inflation in November jumped to a 40-month high
- Asia's third largest economy has slowed to a six-year low
- India is entering into stagflation phase.
- Annual retail inflation increased to 5.54%
- October industrial output fell 3.8%
- RBI – 5% (Lower than 2008 growth)
-
- Govt actions:
 - cutting corporate tax rate
 - incentivising commercial banks to pump in liquidity
- Weak demand is reflected in the power, fuel, real estate and sales of vehicles
- Lose of jobs
- Heavy rain, increased food prices
- Demonetization
- GST Implemtation



30.GST Issue

- compensation was to be released after every two months but the same was pending since August, drawing protests from states, particularly non-BJP ruled ones.
 - Rs 35,298 crore
 - compensation amount was fixed at 14 per cent on top of revenue in the base year of 2016-17
 - Punjab, West Bengal and Kerala
- Sitharaman had in press conferences and industry events acknowledged the dues but never mentioned timelines for making the payment
- due to natural calamities and also due to a slowdown in consumption

A Silver Lining

Expert's take



Govt measures to improve collection : Bump may be due to festive sales

GST Mop-Up

	Collections (In ₹cr)	Growth
April	1,13,865	10.10%
May	1,00,289	6.70%
June	99,939	4.50%
July	1,02,033	5.80%
August	98,202	4.50%
Sep	91,916	-2.70%
Oct	95,380	-5.30%
Nov	1,03,492	6.00%

▶ **GST** collections up on festive sales, better compliance

▶ **Improved collections** a sign of revival: govt sources

▶ **Returns** filed in November up **5.4% to 77.83 lakh**

▶ **GST** on domestic transactions grew **12%**



31. Article 370

Earlier condition

- Part XXI - Temporary, Transitional and Special Provisions.
- Article 370 of the Constitution which grants special status to J&K
- **Defence, External Affairs, and communication.**
- Laws related to union and concurrent list in J & K can be passed only after **consultation with the state government.**
- **Article 35A – Permanent Resident**

Now

- state into two Union territories – Jammu and Kashmir, which will have a legislature, and Ladakh, which will be without a legislature
- Constitution (Application to Jammu & Kashmir) Order, 2019 {Ref. Article 370(1) of Constitution of India} – issued by President of India to supersede the 1954 order related to Article 370.
- Resolution for Repeal of Article 370 of the Constitution of India {Ref. Article 370 (3)}.
- Jammu & Kashmir (Reorganisation) Bill, 2019 {Ref. Article 3 of Constitution of India}.
- Jammu & Kashmir Reservation (2nd Amendment) Bill, 2019.



- “public order” and “police” which will remain in the domain of the Centre vis-a-vis the LG.
- Article 3
- Reservation apply
- Article 370 has prevented J&K to merge with India
- Article 370 discriminatory
- private investment in J&K would be opened
- increased job creation
- mechanism that the government used
- dismembering a State without prior consultations
- executive excess.
- sensitive border - Protected



32. Disinvestment

- government proposes to raise Rs 1.05 lakh crore from disinvestment
- To allow Private players to enter the retail market
- net worth of ₹250 crore to set up outlets
- investments of ₹2,000 crore
-

Strategic Sale

BPCL*

Sale of full
53.3% stake to
strategic buyer

(*After
removing
Numaligarh
Refinery from
its fold)

Shipping Corp

Sale of entire **63.8%**
stake to strategic buyer

Concor

30.8% stake and
management control to
strategic buyer
(Govt to retain 24% stake)

Tehri Hydro

Entire **74.2%**
stake to NTPC

Neepco

Entire **100%**
stake to NTPC

DISINVESTMENT

Reduction of govt
stake in select PSUs
to below 51%

PSUs to be identified
by officials

Govt to retain
management control
on case-to-case basis



- In 2013, Government of India launched the National Electric Mobility Mission Plan 2020
- Faster Adoption and Manufacturing of (Hybrid) Electric Vehicles in India (FAME India) was launched in March, 2015 for two years as Phase-I
- vision of “Safe, Comfortable and Efficient mobility” with an eye on environmental protection and affordability
- FAME India Phase-II (FAME II) for period of three years from 1 April 2019
- outlay of ₹10,000 crore (₹ 100 billion) for three years till 2022
- EV30@30 campaign, launched in 2017 under Electric Vehicle Initiative (EVI)

What the scheme proposes

Scheme will be effective for 3 years starting April 1, 2019

₹**10,000 cr**
Funds allocated for the scheme



EVs likely to be subsidised

- **1 million** Two-wheelers for personal use
- **500,000** Three-wheelers
- **55,000** Four-wheelers, mainly registered for commercial purposes
- **7,000** E-buses

2,700 Public charging stations to be set up in metros and other large cities

3km x 3km One charging station per grid of this size

One charging station every 25 km along all major highways

₹**895 cr** Outlay for the first phase



Incentives around the world

China: Carmakers required to earn a stipulated no. of credits by selling ‘new-energy vehicles’ or face sanctions. Credits can be bought from others with a surplus if one misses its target

Norway: VAT exemption of 25% and free access to toll roads, public charging and municipal parking

US: Federal tax credit of up to \$7,500 on purchase of electric or plug-in hybrid cars

Higher taxes on conventional powertrain cars to subsidise EVs in many countries around the world



Text: Nehal Challawala



'Tamil Nadu Electric Vehicle Policy 2019' with Rs.50,000-cr investment target

Why TN?

- Detroit of India – Chennai
- 2nd highest number of vehicle
- first EV SUV made in India was manufactured in Tamil Nadu by Hyundai
- power surplus state
- state has many technical instuon
- Tamil Nadu to aract ₹50,000 crore (₹500 billion) of investment
- 1.5 Lakh jobs

- 100% road tax exempon will be provided II 30.12.2022.
- Waiver on Registraon charges/fees will be done as per Government ofIndia's noficaon.

FAME India

Securing a Greener future

Supports the hybrid/electric vehicles market development and manufacturing eco- system



1,51,928

electric/hybrid vehicles
given direct support



Fuel saving of
14,83,380
litres



Demand incentives
amounting to

₹192.56
Crore (approx.)



CO₂ reduction of
3,71,87,255 kg



34. Fastag

- ***Radio-Frequency Identification (RFID) is the use of radio waves to read and capture information stored on a tag attached to an object. A tag can be read from up to several feet away and does not need to be within direct line-of-sight of the reader to be tracked.***
- The tag is valid for five years and comes in seven different colours — violet, orange, yellow, green, pink, blue, black. Each colour is assigned to a particular category of vehicles.
- It was rolled out in April 2016, and the Government made it mandatory from December 1, 2017 for all new cars and trucks to be fitted with a FASTag before they were sold.
- To encourage the use of FASTags, the National Highway Authority of India (NHAI) refunds 5% of the total monthly transactions.
- Indian Highways Management Company Limited (IHMCL) (a company incorporated by National Highways Authority of India) and National Payment Corporation of India (NPCI) are implementing this program.
- FASTag is presently operational at both, national and state highways.





SHANKAR IAS A

TYPE OF VEHICLES	COLOUR CODE	AMOUNT
CAR/JEEP/VAN	VIOLET	₹500
TATA ACE/MINI LCV	VIOLET	₹500
LCV 2 AXLE	ORANGE	₹600
BUS/TRUCK/ 3-AXLE	YELLOW	₹700
BUS/TRUCK 2-AXLE	GREEN	₹600
TRUCK 4-AXLE AND ABOVE	PINK	₹800
OVER-SIZED	LIGHT BLUE	₹900
EARTH MOVERS	GREY	₹800



34. Fastag

- Benefits
- Ease of payment – No need to carry cash for the toll transactions, saves time.
- Near non-stop movement of vehicles leading to lower fuel cost.
- Other benefits are:
 - Environmental benefit : reduced air pollution, reduced use of paper.
 - Social benefit : reduced toll payment hassles ,analytics for better highway management.
 - Economic benefit : reduced effort in management at toll plaza, reduced effort in monitoring centrally.



35. Brexit

- British Exit” from the European Union (EU).
- EU is a political, trade and economic union founded in 1957
- 28/51
- EU treaty provided for a European Parliament and European Council
- largest trading bloc in the world
- 19/28 – Euro Area
- Britain is not part of Euro Area
- Why? Losing more, Paying more for EU parliament, Impact over exports, Migration(PIGS)
- 51.9% - voted for Exit



Impact for India

- One of the top investor – India
- 800 Indian companies are there
- 1/4th of IT exports – 30 Billion Dollar
- UK is the third largest source of foreign direct investment in India
- "As far as India is concerned, if there is an entry point for us to the EU, that is the UK"
- UK is only India's 12th largest trade partner, well behind other European countries such as Germany and Switzerland.
- UK is also among just seven in 25 top countries with which India enjoys a trade surplus.



36. Merging the banks

- international standards
- expand their coverage
- Consolidation
- gain greater recognition
- Reduce unnecessary interference
- Bank staff - better wages and service conditions in future
- Reduction in the cost of doing business
- manage their liquidity
- Reduces the risk
- Wide products at low cost
- Recapitalization will be low
- Can maintain basel III
- Effective management
- Closure of ATM
- Lose of employment
- Risky
- Class in working culture
- Union problems



Chandryaan 2 Failure? Or Success?

- The average distance between the Earth and Moon is 3,84,000 km.
- Moon takes the same amount of time (27.3 days) to revolve around the Earth as it takes to rotate around its spin axis.
- 130 °C, and freezing cold at -180 °C during night.
- diameter is about 3,476 km which is about one fourth (1/4th) of Earth.
- The mass of the Moon is only 1/81 of the mass of Earth.
- The gravity on the surface of the Moon is only 1/6th of that on Earth



Chandrayaan-1

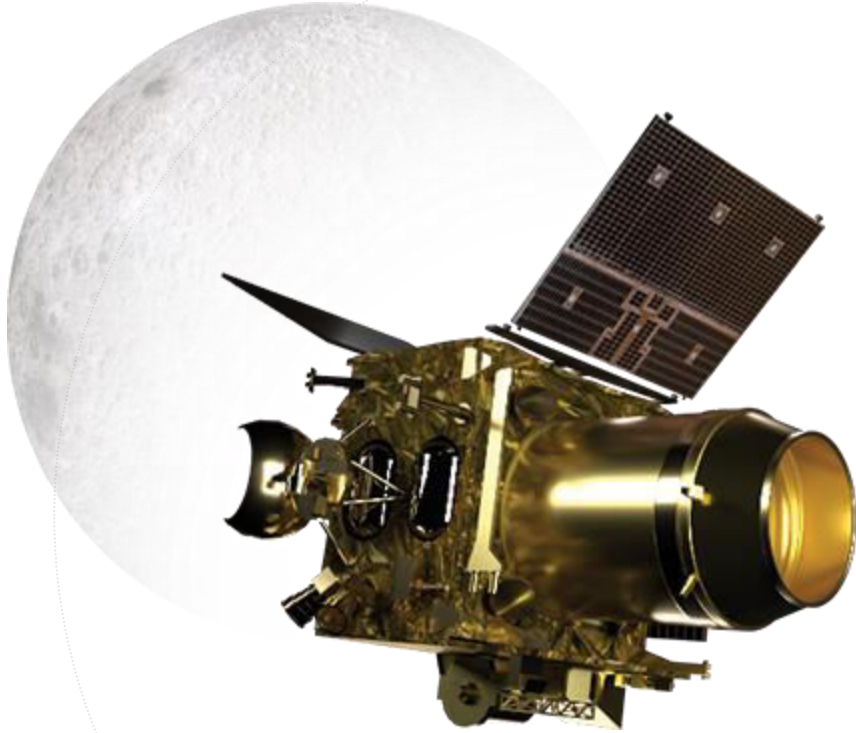
- India's first mission to the moon
- Chandra- Moon, Yaan-vehicle
- 1380 kg
- PSLV-C11 on October 22, 2008
- operational for 312 days till August 29, 2009.
- discovered traces of water on the moon - also discovered water ice in the North polar region
- detected Magnesium, Aluminium and Silicon

Chandrayaan-2

- India's second lunar expedition
- South Polar region
- comprises of an Orbiter, Lander (Vikram) and Rover (Pragyaan).
- weighs 3850 kg
- launched by GSLV MK-III M1 launch vehicle
- July 22, 2019
- Vikram lander on the Moon's surface is likely to be on September 06, 2019



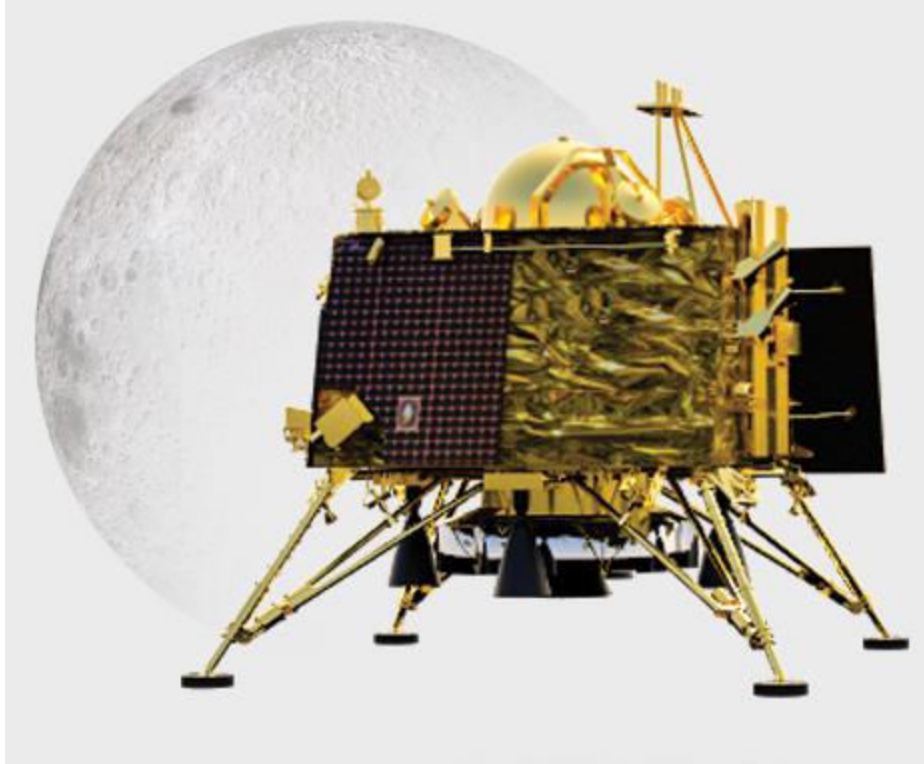
Orbiter



1. 2,379 kg
2. observe the lunar surface
3. relay communication between Earth and Chandrayaan 2's Lander — Vikram.
4. placed in a 100X100 km lunar polar orbit.
5. communicating with Indian Deep Space Network (IDSN) at Byalalu

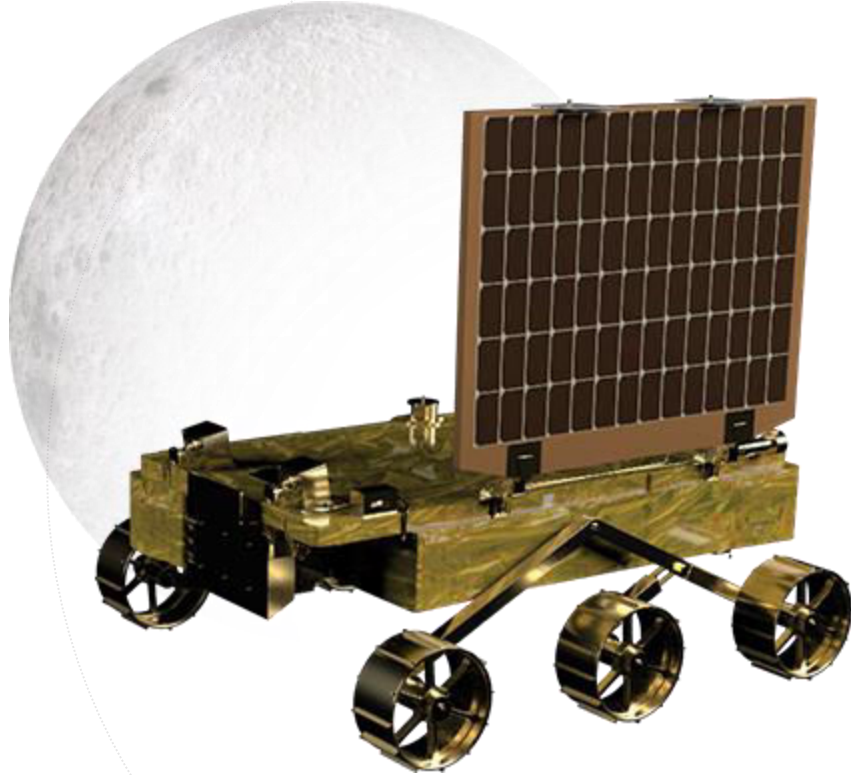


Lander — Vikram



1. 1,471 kg
2. Named ***Vikram*** after Dr Vikram A Sarabhai
3. Designed to function for ***one lunar day***, which is equivalent to about **14 Earth days**
4. capability to communicate with ISDN at Bhalalu near Bangalore, as well as with the Orbiter and Rover

Rover — Pragyan



1. 27 kg
2. **6-wheeled** robotic vehicle named *Pragyan*
3. translates to 'wisdom' in Sanskrit.
4. can travel up to **500 m** (½-a-km)
5. leverages solar energy for its functioning.
6. can only communicate with the Lander.



37.TNPSC

- Group I Prelims results declared in 30 days
- Group I mains results declared in 145 days
- Change of Main syllabus – 3 papers – 250 marks each – Analytical questions
- Group 4 results declared in 72 days
- Group II mains results declared in 8 months
- Group II – New Syllabus according to present requirement – a welcome step
- Highest number of recruitments in 2019
- Release of Annual planner
- Strict adherence to Annual Planner
- Transparency in Key release, students given option to challenge the keys



38. Panchayat Election

- 27 DISTRICTS
- Date: Dec 27 and 30
- **State Election Officer**
 - State Election Commission may appoint the **Director of Rural Development** as the State Election Officer, subject to the superintendence, direction and control of the State Election Commission
 - The State Election Officer shall co-ordinate and supervise the preparation and publication of Panchayat electoral rolls and also the conduct of elections of the [offices of members] of Panchayats at different levels, Presidents and VicePresidents of Village Panchayats, [and Chairpersons and ViceChairpersons of Panchayat Union Councils and District Panchayats].
 - He shall also perform such other functions as may be entrusted to him by the State Election Commission from time to time.



Panchayat Election

- **District Election Officer:**

- The **District Collector** shall be appointed as the District Election Officer, subject to the superintendence, direction and control of the State Election Commission
- The District Election Officer shall co-ordinate and supervise the preparation and publication of Panchayat electoral rolls and also the conduct of elections to the [offices of members] of Panchayats at different levels, Presidents and Vice-Presidents of Village Panchayats, [and Chairpersons and Vice-Chairpersons of Panchayat Union Councils and District Panchayats].
- He shall also perform such other functions as may be entrusted to him by the State Election Commission from time to time.



- **Observers:**

- Tamil Nadu State Election Commission may nominate an observer, who shall be an officer of the Government to watch the conduct of election or elections to the Panchayats or a part or a group thereof within a Revenue Division or a part of Revenue Division or a group of Revenue Divisions and to perform such other functions as may be entrusted to him by the State Election Commission
- shall have the power to direct the Returning Officers concerned, to stop the counting of votes at any time before the declaration of the result or not to declare the result, if in the opinion of the Observer, booth capturing has taken place at a large number of polling stations or at places fixed for the poll or counting of votes or any ballot papers used at a polling station or at a place fixed for the poll are

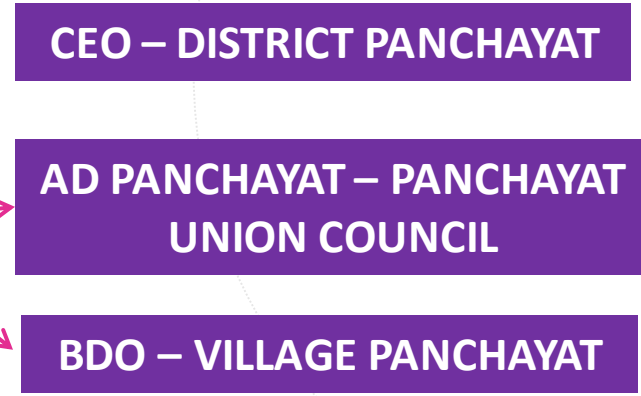
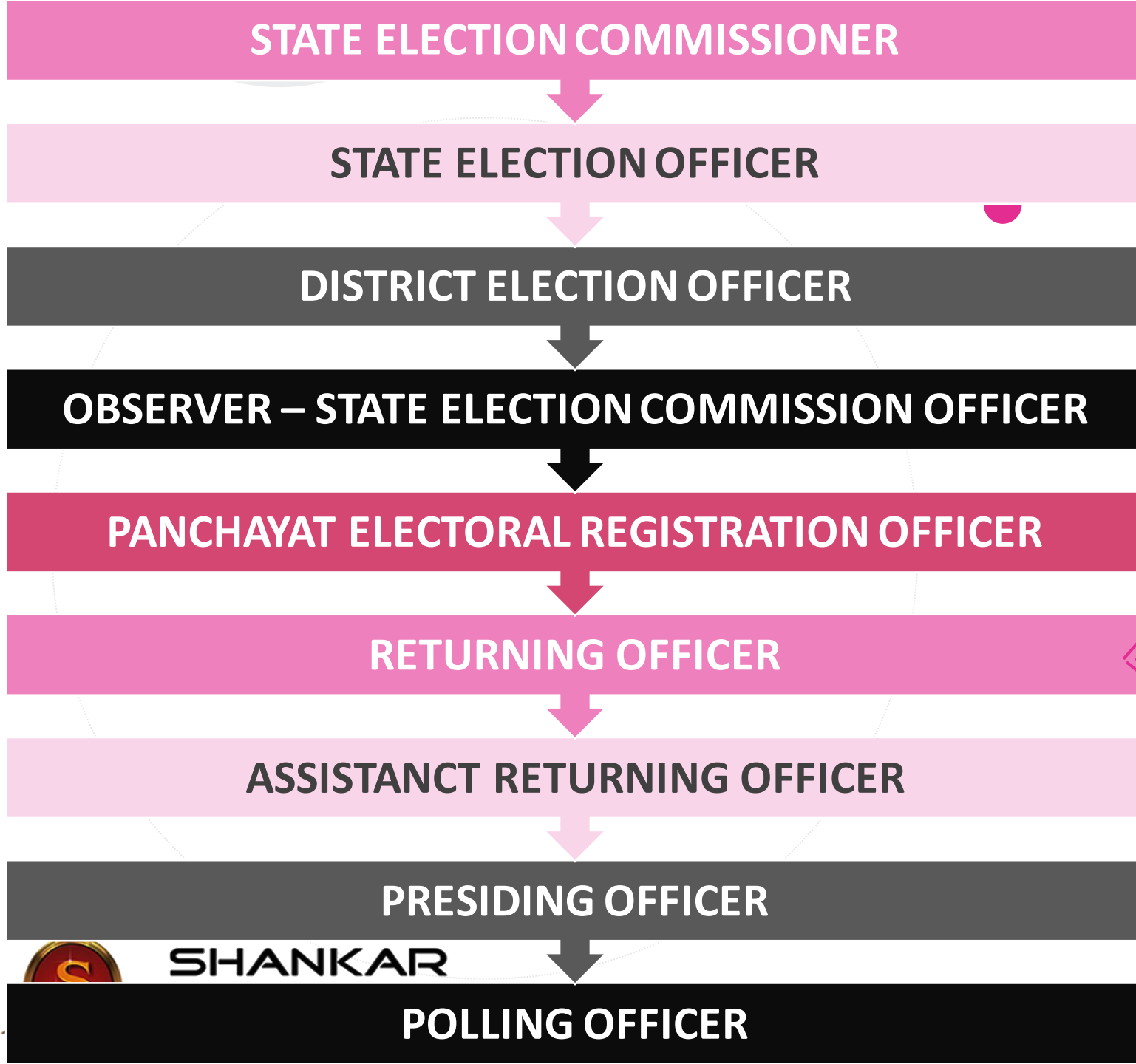


- Panchayat Electoral Registration Officer:
 - Panchayat Union Commissioner shall be the Panchayat Electoral Registration Officer
 - preparing and publishing Panchayat Electoral Rolls in respect of the Wards of the Panchayats in his jurisdiction.



Returning Officer

Conducting election for	Returning Officer	Function
members of District Panchayat	not below the rank of the Chief Executive Officer	conduct of election of Territorial Ward members of the District Panchayat
members of Panchayat Union Council	not below the rank of the Assistant Director of Rural Development	conduct of election of Ward members of the Panchayat Union Council
member or members and President of Village Panchayat	not below the rank of a Block Development Officer	conduct of the election of President and members of any particular Village Panchayat or of all Village Panchayats comprising a Panchayat Union



- First Kalvi Tholaikatchi
- First electric bus in the state
- Amma patrol vehicles
- Amma Ambulance
- Amma Two Wheeler Scheme
- 2019, November 1 – Tamilnadu Day



- Startup Innovation Policy
- Tamil Nadu defence industrial Corridor in Tiruchirappalli
- Second edition of Tamil Nadu Global Investor Meet 2019 held in Chennai
- It will establish a new arts and science college at Rameswaram named after former President APJ Abdul Kalam.
- ‘Tamil Nadu Electric Vehicle Policy 2019’ with Rs.50,000-cr investment target
- Rupa Gurunath appointed as first woman president of Tamil Nadu Cricket Association



- Project Kannamma, sanitary napkins are provided to over 300 students from across Government Schools in and around Chennai(Rotary Club of Madras North)





The Architect of Modern India

Sardar Vallabhbhai Patel

(31 October 1875 - 15 December 1950)



**FIRST Home
Minister of India**

**FIRST Deputy
Prime Minister of India**

THE IRON MAN OF INDIA

He was mobilized the farmers, who gave him the title of 'SARDAR'

Sardar Patel played a major role in the country's struggle for Independence.

He was posthumously conferred with Bharat Ratna in 1991





**SHANKAR
IAS ACADEMY**

THE BEST IAS ACADEMY IN SOUTH INDIA SINCE 2004

Thank
you