Tamil Nadu Government – signs MoU with Robert Bosch Centre – for data-driven Governance

- The MoU was signed by Tamil Nadu’s e-Governance Agency with Robert Bosch Centre for Data Science and Artificial Intelligence at IIT-Madras.
- It was signed during the ‘Connect 2018’, organised by Confederation of Indian Industry in the presence of Information Technology Minister, M Manikandan and IT secretary, Santosh Babu.
- The state has also proposed to establish IT parks in Ramanathapuram and Cuddalore districts and a Centre of Excellence for Fin Tech at Software Technology Park in Chennai.
STATES

- Jharkhand – will be the ‘Partner state’ in International Film Festival at Goa
  - It will be held between November 20 and 28, 2018
  - It was also decided to organize a separate ‘Jharkhand Film Festival’, under Indian Panorama, in two towns of Jharkhand in January 2019

- Haryana – to set up ‘Kavach’, an anti-terrorist force in the state
  - The force will comprise of specially trained recruits from the state police, to deal with security challenges
  - For this, Haryana police recruits will be trained by the National Security Guard (NSG)

NATIONAL

- Indian Air Force (IAF) – launches a new mobile health app ‘MedWatch’
  - It will provide information about health issues, first aid and nutritional topics to Air force personnel and to the General public
  - It was launched on October 8th on the occasion of 85th anniversary of IAF
  - It is the first-of-its-kind mobile health app developed by any of the three armed forces
  - It’s available for download on the website - www.appsmgov.gov.in
Min of External Affairs – launches ‘India for Humanity’ initiative - on the occasion of Mahatma Gandhi’s 150th birth anniversary

- The initiative will feature year-long series of artificial limb fitment camps in various countries
- For this initiative, MEA has collaborated with renowned charitable organization, Bhagwan Mahaveer Viklang Sahayata Samiti (BMVSS)
- The aim of this initiative is to rehabilitate differently-abled persons around the world and make them as productive members of the society
- Initially, the camps will be held in 12 countries through their Missions with financial support of Indian government
- BMVSS –
  - Established – 1975 by Dr Mehta
  - It is better known by its trademark limb ‘Jaipur Foot’
  - It has served over 1.73 million amputees with artificial limbs, crutches, calipers, wheel chairs etc.,

Prime Minister – unveils 64-foot-tall statue of Peasant leader ‘Chhotu Ram’ at his native village Sampala in Rohtak, Haryana

- The statue has been sculpted by renowned sculptor and Padma Bhushan-recipient, Ram Vanji Sutar
- Sir Chhotu Ram (1881-1945)
  - He is regarded as the Messiah of Peasants and fought for farmers rights during the British rule
  - He was instrumental in getting the pro-farmers law enacted by the British
  - For this feat, he was Knighted (given the title of Sir) in the year 1937
  - He was the co-founder of National Unionist Party (Zamindara League) which ruled United Punjab Province in pre Independent India
  - He was popularly known as Deen Bandhu (in Urdu as ‘Rahbare Azam’, which translates as Messiah of poor)
Union Cabinet – approves the closure of ‘Biecco Lawrie Limited’
The Ministry of Petroleum and Natural Gas has taken various steps for the revival of the company from time to time but still the company ended up as a Loss making unit every year

Union Cabinet – approves the establishment of permanent campuses of the 2 new ‘Indian Institutes of Science Education & Research’ (IISERs) at Tirupati, Andhra Pradesh and Berhampur in Odisha
The construction of permanent campuses of these institutes shall be completed by December 2021

Country’s 1st Biofuel plant – to be set up at Bargarh district of Odisha

The proposed 58-acre Second Generation (2G) Ethanol Bio-refinery plant will be set up in Baulsingha village by Bharat Petroleum Corporation Limited (BPCL)
Proposed Budget – Rs 1000 crore
Commercial production – By 2020
Capacity – 3 crore litre/year of fuel grade Ethanol
It will utilise about two lakh tonne of rice straw annually
It is one among 12 refineries planned in 11 States in the country
The National Bio Fuel Policy 2018 – aims to blend 20% of Ethanol to Petrol by the year 2030, from the current levels of 3% to 4%

Doctors from Pune – have successfully performed the country’s 1st ever Skull implant surgery on a four year old Girl
The doctors replaced 60% of her damaged skull with a three-dimensional individualised polyethelene/ polyethene (PE) bone, developed by a US-based company as per the exact measurements
Centre – plans 13 Inter-state River basins including one each for the Cauvery and Krishna – to end the water disputes between states

- The draft of ‘River Basin Management Bill, 2018’ has been sent to the states for their views by Nov 5, 2018
- The plan is to repeal the River Boards Act, 1956, under which no board has been set up so far
- The bill has been under preparation since 2012
- Each river basin authority will prepare a master plan for development, management and regulation after studying various tribunal awards and authorities
- A two-tier system of management will be constituted:
  - Governing council (with CM and Ministers of basin states)
  - Executive boards (with experts from various departments)
- An advisory council will also be put in place with elected representatives of the states concerned

2 new cyclones have formed on either side of the Southern Peninsula in India

- The cyclone in the Arabian sea is named as ‘Luban’ (name given by Oman) – heading towards Oman
- The cyclone in the Bay of Bengal is named as ‘Titli’ (name given by Pakistan) – heading towards Odisha

INTERNATIONAL

China – to sell 48 ‘Wing Loong II’ Military drones to Pakistan

- This is China’s largest export deal for high-end armed drones in international market
- China – has already sold similar drones to UAE and Egypt apart from selling Wing Loong I to Indonesia and Kazakhstan
- Wing Loong II
- It is a high-end unmanned aerial system capable of being fitted with air-to-surface weapons
- It is manufactured by Chengdu Aircraft Industrial (Group) Company
- It is 11m long, can carry a payload of up to 480 kg and fly at a maximum altitude of 9000 m with a speed of 150-370 km/h
- It is roughly equivalent to American MQ-9 Reaper drone, which are far more sophisticated
✓ The law intends to tackle the hurting of religious sentiments, spreading negative propaganda against 1971 Liberation War and Bangabandhu (Sheikh Mujibur Rahman), illegal activities in e-transactions and spreading defamatory data in Social media
✓ It provides for minimum of 7 years and a maximum of 14 years’ imprisonment along with hefty fines
✓ The law has faced widespread opposition from rights groups and journalists that it could endanger freedom of speech – especially on social media

The ‘Break Free from Plastic movement’ - revealed that Coca-Cola, PepsiCo, and Nestle are the worst contributors of ocean pollution with single-use plastics
✓ This was identified in 239 cleanups along coasts by 10000 volunteers across 42 countries and six continents
✓ Coca-Cola was the top polluter in the global audit, followed by PepsiCo and Nestle
✓ Overall, polystyrene, which is not recyclable in most locations, was the most common type of plastic found, followed closely by PET bottles
✓ The ‘Break Free From Plastic Movement’
✓ It is a global movement with 1300 international organizations, launched in September 2016
✓ It aims to develop a future free from plastic pollution

Alphabet Inc’s Google - has decided not to compete for the Pentagon’s ‘Cloud-computing contract’
✓ The company said that the project will conflict with its corporate values
✓ The $10 billion project, which might take even 10 years, involves the transitioning of massive amounts of defence department data to a commercially operated cloud system

CONFERENCES & SUMMITS

President – inaugurates 29th Accountants General Conference in New Delhi on Oct 10
Organised by - Comptroller and Auditor General of India (CAG)
Notable Speakers in the 2 day conference –
  ✓ Finance Minister, Arun Jaitley,
  ✓ CAG of India, Rajiv Mehrishi,
  ✓ Lok Sabha Speaker, Sumitra Mahajan
  ✓ Public Accounts Committee (PAC) Chairman, Mallikarjun Kharge

✓ CAG
The Comptroller and Auditor General is an authority established by Article 148 of the Indian Constitution
It keeps a watch on the system of governance in the country to ensure the best use to taxpayer's money
The CAG is also the external auditor of Government-owned corporations
The Comptroller and Auditor General of India enjoys the same status as a Judge of the Supreme Court of India
The current CAG of India is Rajiv Mehrishi, who assumed office as the 13th CAG on September 25, 2017

PERSONALITIES

➢ Nikki Haley, Indian-American – resigns as US Ambassador to United Nations

Haley, one of the most high-profile women in the US Cabinet, was elected as the first Woman Governor of South Carolina in 2010 and reelected in 2014
She was the one who announced the withdrawal of US from the Human Rights Council of the UN
She was serving as US Ambassador to the United Nations since 2017
She is the second Indian-American, after Bobby Jindal to serve as a Governor in the United States
In January 2016, she delivered the official Republican response to President Barack Obama's final ‘State of the Union’ address.
Nikki Haley was born as ‘Nimrata Randhawa’ to Indian immigrant parents
She was raised as a ‘Sikh’ and converted to ‘Christianity’ later
DEFENCE

- Clear Sky 2018 – Ukraine launched large-scale Air exercises with United States and other NATO allies

- Duration & Venue – Oct 9 to 19 in Western Ukraine
- The war games will aim to secure air sovereignty and promote peace in the region
- 700 troops are participating with NATO countries such as the United States, Britain, the Netherlands, Poland and Romania.
- US will be represented by F-15C Eagle fighter planes and C-130J Super Hercules in the exercise.

APPOINTMENTS

- 133rd IOC meeting, Buenos Aires, Argentina
- 9 new International Olympic Committee members were elected, which included ---

- Samira Asghari (24 year old, former Captain of Afghan Women’s Basket ball team) – who was elected as the head of Afghan Olympic committee
SPORTS

- **2018 Youth Olympics, Buenos Aires, Argentina**
  - **Manu Bhaker (Shooting, Haryana, 16 years)** – becomes the first Indian shooter to clinch the Gold medal in the Youth Olympics

  - She won the Gold in the 10m air pistol event
  - This is India’s third medal from shooting at the Games after Shahu Mane and Mehuli Ghosh clinched silver in the men’s and women’s 10m air rifle events respectively

- **4th Edition of Youth Olympic Games** – will be held in Dakar, Senegal in 2022
  - It will be the first ever Olympic event in the entire Africa
  - This was announced by the International Olympic Committee (IOC) in Buenos Aires, which is hosting the 2018 edition

- **2018 Para Asian Games, Jakarta – Day 3**
  - Gold medal winners
  - **Ekta Bhyan (Para-athletics) - Women’s F32/51 club throw event**
Narayan Thakur (Para-athletics) - Men’s T35 100m dash
Manish Narwal (Para-shooting) - Men’s SH1 10m air pistol event
Bhyan had earlier won the Gold medal at the Indian Open Para Athletics Championship this year
India also secured three silver medals through Surender Aneesh Kumar (men’s F43/44,F62/64 discus), Ram Pal (men’s T45/46/47 high jump), Virender (men’s F56/57 shot put)
With these medals, India is ranked at 8th position in the overall medals tally, which is topped by China followed by Korea and Uzbekistan

INTERNATIONAL DAY

World Mental Health Day – October 10

The day was observed by World Health Organisation (WHO)
Objective - to raise awareness of mental health issues around the world
Theme 2018 – ‘Young People and Mental Health in a Changing World’
The Day was first celebrated in the year 1992 at the initiative of the ‘World Federation for Mental Health’
Significance of the Theme 2018
- Half of all mental health conditions start by 14 years of age but most cases are undetected and untreated
- The mental health conditions account for 16% of disease and injury in people aged between 10-19 years
- Suicide is the third leading cause of death in 15-19 year olds
- Globally, depression is one of the leading causes of illness and disability among adolescents

- **World Homeless Day – October 10**

- Objective – to draw the attention of international community to the local needs of homeless people
- Theme 2018 - Ngā Huarahi – Pathways
- It was observed since 2010
- The World Homeless week is observed between 7th to 14th October every year
REPORT

'Commitment to Reducing Inequality (CRI) Index' – Released by UK-based charity ‘Oxfam International’

- India ranks at 147th among 157 countries
- The index is topped by Denmark, based on its progressive taxation, high social spending and good protection of workers
- The index rates the commitment of different nations to reduce inequalities in their populations

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>RANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>DENMARK</td>
<td>1</td>
</tr>
<tr>
<td>GERMANY</td>
<td>2</td>
</tr>
<tr>
<td>FINLAND</td>
<td>3</td>
</tr>
<tr>
<td>AUSTRIA</td>
<td>4</td>
</tr>
<tr>
<td>NORWAY</td>
<td>5</td>
</tr>
<tr>
<td>BELGIUM</td>
<td>6</td>
</tr>
<tr>
<td>SWEDEN</td>
<td>7</td>
</tr>
<tr>
<td>FRANCE</td>
<td>8</td>
</tr>
<tr>
<td>ICELAND</td>
<td>9</td>
</tr>
<tr>
<td>LUXEMBOURG</td>
<td>10</td>
</tr>
<tr>
<td>INDIA</td>
<td>147</td>
</tr>
</tbody>
</table>

Source: Oxfam International
REMEMBERING Dr. MU. VARADARAJAN ON HER DEATH ANNIVERSARY
(Apr 25, 1912 – Oct 10, 1974)

தமிழ் அதிச்சிற்று, இரதக்கிய அருங்காட்சியகத்து

20-ம் நூற்றாண்டில் தினசரியில் தமிழ் அதிச்சிற்று இரதக்கிய அருங்காட்சியகத்து, இரதக்கிய அருங்காட்சியகம், பல்லவர் என்பவர் தினசரியிலும், பல்லவர் என்பவர் தினசரியிலும் தனியாராகவும் பாதுகாக்கவும்.

பிறப்பு:-

என்று அறுக்கும் என்னும், கிருத்தவன இராச சந்திக்கியின் புத்தகங்கள் (1912). தமிழ் மொழியிலிருந்து தினசரியில் மாற்றும் பதிப்பிகள் சந்திக்கியின் புத்தகங்கள் பிறப்பு நூற்றாண்டில் செயல்பட்டுள்ளது.

குறிப்பிட்டு:-

மார்டை மதசாம் வரலாற்றுப்பட்டது இராச சந்திக்கியின் குறிப்பிட்டு குறிப்பிட்டு குறிப்பிட்டு

1931-ம் விலங்குவளியின் தினசரி குறிப்பிட்டு பூர்த்தியாக பூர்த்தியாக பூர்த்தியாக பூர்த்தியாக பூர்த்தியாக பூர்த்தியாக
புதுக்கோட்டை, திசையுறுத்துகள் பல்கில் அணிப்பு தொட்டு பக்தியும் பொறுத்து. 1939-ம் பி.சூப்பு.

அதிகாரப் பங்களி:-

காட்சிப்பட்டு பங்களிப்பு முதிர்க்கியவர்கள் பல்கியை வழிகாட்டினார். பல்கியின் கதாமுகத்தில் விளங்கியது செங்கோட்டு பொறுத்து. பின்னர் முதலில் பல்கியின் கதாமுகத்தில் விளங்கியது பல்கியை வழிகாட்டினார்.

காட்சிப்பட்டின், இளையிலா, நட்டவாகம், நட்டவாக்கங்கள், நட்டவாக்கங்கள், பொருநாட்டுகள், நட்டவாக்கங்கள், நட்டவாக்கங்கள் அதிகாரியின் நோக்குறுத்தலாக வழிகாட்டினார்.

பல:-

1944-ம் காலத்தில் விளங்கியது விளங்கியது அணிப்பு தொட்டு வழிகாட்டினார். பல்கியும் பொறுத்து.

1948-ம் காலத்தில் விளங்கியது விளங்கியது அணிப்பு தொட்டு வழிகாட்டினார். பல்கியின் பின்னர் வழிகாட்டினார்.

காட்சிகள் அமைப்பு மத்தியில் பல்கியின் கதாமுகத்தினது நடும் பொறுத்து வழிகாட்டினார்.

1972-ம் ஆண்டில் அமைப்பு வழிகாட்டினார். பல்கியும் வழிகாட்டினார்.

நோக்குறுத்தல்:-

'அணிப்பு தொட்டு' கதாமுகத்தின் விளங்கியது 1961-ம் ஆண்டில் காட்சிகள் அகற்றி விளங்கியது.
1. குண்டாம் கட்டியல்
2. காக்கண்டியல்
3. புருஷ மகம்
4. கிலிக்கர் குறு மாகன்
5. குறிப்பிட்டும்
6. மலர் குண்டு
7. நீட்சனால் (இ. எ.)
8. பரடப்பு
9. ஆர்க் புரவா
10. ஆயை
11. கமலம்
12. பாரா பாரு

பிற்பக்தம் விளக்கம்:
1. குண்டாம் கட்டியல்
2. காக்கண்டியல்
3. புருஷ மகம்
4. கிலிக்கர் குறு மாகன்
5. குறிப்பிட்டும்
6. மலர் குண்டு
7. நீட்சனால் (இ. எ.)
8. பரடப்பு
9. ஆர்க் புரவா
10. ஆயை
11. கமலம்
12. பாரா பாரு

பாரதங்கள் முறைந்தன:
1. குண்டாம் கட்டியல்
2. காக்கண்டியல்
3. புருஷ மகம்
4. கிலிக்கர் குறு மாகன்
5. குறிப்பிட்டும்
1. ஆர்யன் ஆர்வத்தின்
2. ஆர்வத்தின் அத்தந்தவி
3. பெருமை பொடிக்
4. கோர்
5. காக்க பொடி
6. பெருமை பொடி
7. பொடிபொடி
8. மாணவை மதிப்பி
9. கி.பி. 2000
10. புனிபொ பொடியம்

தம்பி:-

காவல் தொழிற்கலையில் தினைகள் கல்லுறுத்துவி. அதன் பின்னர் 'பி.ம.' போல் நிறுத்தப்பட்டது அதுடன் அதிகமில்லை. தினைகள் தொழில் பல்லவக் கல்லுறுத்துவி போல் பொறுப்பாக நிற்பவருகிய, 1974-ஆம் ஆண்டு 62-வது பப்பான் மதிப்பி.