It makes mandatory that a doctor should prescribe medicines along with date, diagnosis and treatment advise.

- He should also maintain a register, with complete details of the patients

- All the hospitals should register compulsorily with the Government and must comply with the basic ‘Standards’ and ‘Medicines’
Tamil Nadu – Announces A Cash Award Of Rs 20 Lakhs To The Asian Games Bronze Medal Winners In Squash, Saurav Ghoshal, Dipika Pallikal And Joshana Chinappa

IIT, Madras – Launched A New Initiative ‘E-21’ To Prepare School Students For The 21st Century Challenges

The 21st century is not in the distant future - it is today.
We do not have a moment to lose in preparing our students, and our nation, to compete and to succeed.
And E21 exactly does that!

- The year-long campaign will focus on enhancing innovation, creativity, leadership and entrepreneurship among 150 select students from various Chennai schools
Odisha – Launches ‘Mu Hero, Mu Odisha’ Programme

- It aims at identifying and giving recognition to the young achievers of the state
- It is proposed to be conducted by the Biju Yuva Vahini members, who are the volunteers of the Department of Sports and Youth Affairs of the state government
- The programme was launched by Naveen Patnaik, CM of the state

India’s 1st Biofuel Flight

- A 25 minute flight, Bombardier Q-400 aircraft, operated by SpiceJet between Dehradun and Delhi on 27th Aug 2018 was propelled by a blend of oil from Jatropha seeds (25%) and aviation turbine fuel (75%)
- It was named as ‘Haldi’ and had 20 officials and five crew members on board
- It was flagged off by Uttarakhand CM Trivendra Singh Rawat from Dehradun
❖ It landed at Indira Gandhi International Airport in New Delhi

❖ The blend of bio jet fuel with the Aviation turbine fuel, ATF can reduce fuel costs by 15-20%

❖ As per international standards, upto 50% of biofuel can be added with ATF

❖ The use of bio jet fuel will reduce greenhouse gas emissions by about 15% and sulfur oxides (SOx) emissions by over 99%

❖ The biofuel, derived from the jhatropa plant was grown by 500 farmer families in Chhattisgarh
   The aircraft had 1300 kg of fuel, out of which 325 kg was biofuel

❖ The flight result showed biofuel had 1.8% higher energy density than regular aviation turbine fuel
   Jatropa seeds has oil content of 37% which be combusted as fuel without being refined

❖ The fuel mix was developed by Council for Scientific and Industrial Research (CSIR) lab based in Dehradun along with Indian Institute of Petroleum

❖ India – becomes the 1st developing country to conduct the test flight, even though developed countries like Canada, Australia and US have already done it

**World’s 1st dedicated biofuel flight**

❖ Operated by – Qantas (Australian carrier)

❖ Flight - Dreamliner Boeing 787-9

❖ Route – Los Angeles (US) to Melbourne (Australia) – 15 hours

❖ Year – Jan 2018
Fuel – 10% from Industrial Mustard seed along with ATF

**National Policy on Biofuels, 2018**

- Notified by - Ministry of New and Renewable Energy - On August 10, 2018

**Key points**

- To triple ethanol production over the next 4 years
- Set a target of 20% blending of ethanol in petrol by 2030


- It strives to enable easy, efficient and transparent booking of common carrier capacity for natural gas transmission services under GAIL’s pipelines
- It is the first step to facilitate gas trading on a hub or exchange-traded platform in India.
- It is the first of its kind in the natural gas sector of the country
- It provides gas consumers the facility to register pipeline capacity bookings ‘online’ on a first-come-first-serve basis
Drone Regulations 1.0 - Civil Aviation Requirements

- Civil Aviation ministry – notifies the ‘Regulations for civil use of Remotely Piloted Aircraft System’ commonly known as ‘Drones’

Drone Regulations 1.0 – 3 Zones of Air space

- Red zone – Flying not permitted
- Yellow Zone – Controlled airspace
- Green zone – Automatic permission

5 Categories of Drones

- Nano, Micro, Small, Medium and Large
Key points

❖ All drones, except nano and those owned by NTRO, ARC and Central Intelligence agencies, will be issued a ‘unique identification number’ (UIN)

❖ The Unmanned Aircraft Operator Permit will be required for drone operators, except for nano drones operating below 50 ft, micro drones operating below 200 ft, and those owned by NTRO, ARC and Central Intelligence Agencies.

❖ For flying in controlled Airspace, filing of flight plan and obtaining Air Defence Clearance is necessary

❖ It species ‘No Drone zones’ around airports, near international border, Vijay Chowk in Delhi, State Secretariat Complex in State Capitals, strategic locations/vital and military installations etc.,

❖ A separate ‘Digital Sky Platform’ was created, in which drones are registered and operated

❖ It is the first-of-its-kind national Unmanned Traffic Management platform that implements “No Permission, No Takeoff” policy

❖ Drone Regulation 2.0

❖ The task force was constituted under, Jayant Sinha, Min of State for Civil aviation to provide draft regulations in selected areas that are not covered in the Drone Regulation 1.0

❖ Ayushman Bharat – Pradhan Mantri Jan Arogya Yojna (Ab-Pmjay)

❖ Proposed launch on - September 25, 2018

❖ Logo launched on – Aug 27, 2018
Logo launched by – J P Nadda, Health Minister

It is a National Health Protection Scheme – and provides a benefit coverage of Rs 5 lakh per family per year for secondary and tertiary care hospitalisation to 10 crore poor families (approximately 50 crore beneficiaries).

The scheme envisages the setting up of Ayushman Bharat National Health Protection Mission Council (AB-NHPMC) at the national level - to give policy directions and to develop coordination between centre and states. It will be chaired by Union Health and Family Welfare Minister.

The states to set up a dedicated entity called ‘State Health Agency’ to implement the scheme.

So far, 29 States and Union Territories have signed the Memorandum of Understanding (MoU) for the implementation of the scheme.

The pilot project has already started in 16 States and UTs.

A MoU was also signed between National Health Agency with NSDC to train ‘Arogyamitras’ who will be stationed in every Hospital to ensure effective roll-out and quality implementation.

The training will be provided under PMKVY and PMKK schemes of the Union Government.
Nitin Gadkari, Union Min For Water Resources, River Development And Ganga Rejuvenation, Shipping And Road Transport & Highways – To Sign Mou With The CM’s Of 6 States/UT, Uttarakhand, UP, HP, Rajasthan, Haryana And Delhi – For The Construction Of Rs. 3966.51 Crore Lakhwar Multi-Purpose Project In The Upper Yamuna Basin

- The project will also generate 300 MW of power. The project is to be executed by M/s Uttarakhand Jal Vidyut Nigam Limited
- It will provide irrigation for 33,780 hectares of land and availability of 78.83 MCM water for domestic and industrial use in the six states.

CBSE – Has Developed ‘Parinam Manjusha’, A Digilocker Facility – Along With National E-Governance Division
It acts as a digital repository to provide digital mark sheets, migration certificates and pass certificates to students from CBSE-affiliated schools in Kerala, whose academic documents have been lost or damaged in the recent floods.

This academic repository has been integrated with DigiLocker.

The students can visit https://digitallocker.gov.in and https://digitallocker.gov.in and download their academic documents using the login-id / password.

These digitally signed documents are also having QR codes and can be verified for the authenticity using the DigiLocker mobile app.

GST Helpline, 011-21400643 – Was Introduced By National Anti-Profiteering Authority (NAA) – To Encourage Consumers To File Complaints Against The Companies That Are Not Passing GST Rate Cut Benefits.

NAA said that the consumers can call the helpline number between 9.30 am to 1 pm and 1.30 pm to 6 pm on all working days.

GST was earlier rolled out on July 1, 2017.
**4th Asian Electoral Stakeholders Forum (AESF) – Held In Colombo, Srilanka**

- The forum discussed wide range of issues like the state of Elections and the democracy in the region
- This is the 1st time the forum was being held in South Asia
- It was jointly organized by Election Commission of Sri Lanka and Asian network for free elections
- Theme - Advancing Election Transparency and Integrity: Promoting and Defending Democracy Together”
- Indian participation - Ashwini Kumar, Chief Electoral Officer of Maharashtra and a NGO
- Total countries – 45 with around 250 delegates
- 1st AESF – Thailand in 2012
- 2nd AESF – Dili, Timor Leste in 2015
- 3rd AESF – Bali, Indonesia in 2016
COMMITTEES

♦ Injeti Srinivas Committee – Submits Its Report To Arun Jaitley, Min Of Finance

❖ The committee was constituted to review framework dealing with offences under the Companies Act, 2013

INTERNATIONAL

♦ Scotland - Becomes The World's 1st Country To Provide Free Sanitary Products To All The Students Of Its Schools, Colleges And Universities

❖ Nearly 4 lakh students are expected to benefit from this scheme, to be implemented at a budget of $6.7 million
Satya S Tripathi (India) – Appointed As Assistant Secretary-General Of United Nations Environment Programme, New York

- He is a renowned Development and Environment expert
- He becomes the 3rd Indian to be appointed at the senior levels of UN
- He is the Senior advisor on the 2030 agenda for sustainable development at the UNEP since 2017
- Atul Khare, the Under-Secretary-General who heads the Department of Operational Services, is the senior-most Indian at the UN
- Nikhil Seth, the Executive Director of UN Institute for Training and Research, is at the level of an assistant Secretary-General
Prachi Misra – Appointed As Managing Director And Chief India Economist Of Goldman Sachs

- She was the Head of RBI Research unit from February 2016 to May 2017.
- She also worked as a senior economist at IMF and the Finance Ministry of India.
- Goldman Sachs is a global investment banker offering financial services.
- It had set up an onshore presence in India in December 2006.

New Envoys Of India

- Prashant Agrawal - appointed as the next High Commissioner of India to the Republic of Namibia.
- Sandeep Kumar - appointed as the next Ambassador of India to Ireland.
Asian Games, Indonesia – Day 9 And 10 Highlights

- **Neeraj Chopra** (Javelin throw) – won Gold medal with a National record throw of 88.06m – becoming the 1\(^{st}\) Indian javelin thrower to win an Asiad gold and the first medal in the sport since 1982, where India bagged bronze.

- Neena Varakil - won silver in women’s long jump event

- Sudha Singh – won silver in women’s 3000m steeplechase

- Dharun Ayyasamy (Tirupur, Tamil Nadu) – won silver in men’s 400m hurdles by shattering his own National record – becoming the 1\(^{st}\) medalist since Joseph Abraham’s Gold in 2010

- Compound Team Archery

- Men’s Team - won Silver medal

- Women’s team – won Silver medal

- India’s medal tally now stands at 8 Gold, 16 Silver and 21 Bronze (9\(^{th}\) Position in the Medals tally)
Mohammad Irfan (Pakistan) – Sets Record For Most Economical Spell In T20 History

He has achieved the bowling figures of 4-3-1-2, bowling 23 dot balls, while playing for Barbados Tridents in the Caribbean Premier League 2018

This record was previously shared by South Africa’s Chris Morris and Sri Lanka’s Chanaka Welegedara (2 for 2)

North Korea – To Host Asian Youth And Junior Weightlifting Championships, 2019 - That Will Commence From October 27, 2019 In Pyongyang, Its Capital City
Global Finance Magazine Report - World’s Best Banks

球星 Digital Innovation - 1st – DBS Bank (Singapore based)

球星 It becomes the 1st Asian Bank to top the category. Earlier, in 2017, ING Bank has won in this category

球星 Best Corporate Bank - Japan’s Mitsubishi UFJ Financial Group

球星 Best Derivatives Bank - France’s Societe Generale
REMEMBERING ROBERT CALDWELL ON HIS DEATH ANNIVERSARY

சிலாமேல் பெருமீனியன் குற்றகர்பாளர் கால்நடைகள்

(மு 7, 1814 - ஆண்டு 28, 1891)

* அப்படியாகத் தருணம் சிலாமேல் சாமூ அதும் கோவூர் மென்பெருமையிற்று வாழ்க்கை
  தமிழில் 1814 முதல் கால்நடைகள்

* கால்நடைகள் பிறந்த ஸிதி புனிதேசரிழீகோவின் அம்மன் விழாவும் கேரளத்தில்
  நடனம் மணை சிலாமேல் கேரள நாடிலும் ஒரு பிரபாமைப்புணர்கள்

* சிலாமேல் பாடாயல் முன்னாகவிட்டு விளங்கின் கோவூர் புலழக்கு, சிலாமேல்
  பணியான பதப்புறையில் வருவத்து

* சிலாமேல் பாடாயல் 2 நாட்கள் பருவமாகப் புழக்க முறளையின் 2 நடக்கட்டடம்
  புனிதேசரிழீகோவின் விளங்கி அதன் புதுமை புதுமையில் 30
  மணை புராத்தாக சிலாமேல் புதுமையில் அதன் புதுமை சிலாமேல் புதுமையில்
கல்வியேற்ப்ப் பட்டற்ற காண்பது விக்கிமாய் பாக்கிரதைச் சுருள்பாடு செய்முறை

விழாணி பார்வாக் பட்டயம் ஊட்டு தம்புநாகாக்காப்பாக்கா

பார்வாக்காக்கா இல்லை க்கான குழாவன குழாவன

அதன் தொடர் காந்தியவும் தொடர்

பிள்ளையார் பூம் பட்டக் காண்பது ஊட்டு விளக்கம் 1838 டவுன் துறைக்கு விளக்கம்  தொடர்பு குழாவன தொடர்பு

தம்புநாகாச்சல் அமைப்பில் சிற்றுக்கின்ற குற்றம் புத்தகம் சிற்றுக்கின்ற மக்கள்

அவத் தம்புநாகாப்பா விளக்கம் சிற்றுக்கின் தம்புநாகாப்பா விளக்கம் குற்று மக்களின் கப்பெருநிலானின்

நூற்றாண்டு காலநூற்றாண்டு கப்பெருநிலான் கப்பெருநிலான் கப்பெருநிலான்

தம்புநாகாப்பா விளக்கம் விளக்கம் விளக்கம் விளக்கம் விளக்கம் விளக்கம் விளக்கம் விளக்கம்

செயல்பாட்டை விளக்கம் நூற்றாண்டு கப்பெருநிலான் கப்பெருநிலான்

செயல்பாட்டை விளக்கம் நூற்றாண்டு கப்பெருநிலான் கப்பெருநிலான்
சிற்றியகம் சிற்றியகம் அதிக சிற்றியகம் சான்றிசு சிற்றியகம் சிற்றியகம் காரையும் காரையும் 1847ம் சிற்றியகம் (ஆபுரா) காரை 2 செய்தியின் சம்பாத்தின் விளக்கம்

அப்பகு அறிவு - சிற்றியகம் சிற்றியகம் ஆகிய துன்னையும் ஒரு வானூர்தி

பார்வதி அல்லது அறிவு பார்வதியையும் பார்வதி என்று கூறுகின்ற கூறுகளாய்

அப்பகு சாலைதலை பார்வதியை சாலைதலை ஆக்கிய வகுப்பு, வசதி, போதுமற, மத்தியாக கண்டு பிடித்து அறிவு பார்வதியைப் பெற்று காண்கொண்டுபோகும். அது தொடர் பார்வதியைப் பெற்று காண்கொண்டு காண்கொண்டு

அது அப்பகு சாலைதலை பார்வதியைப் பெற்று காண்கொண்டு ஆகிய பார்வதியை

15 ஆண்டிக்கால பார்வதி பார்வதியை அறிவு காண்கொண்டு காண்கொண்டு காண்கொண்டு

சிற்றியகம் பார்வதியை கருங்கருவம் (A Comparative Grammar of the Dravidian or South Indian Family Languages) சான்றிசு நூற்றாண்டு ஆபுராவிற்கு முன்னை 1856ம் ஆண்டிலிருந்து காண்கொண்டு

அது தொடர் சிற்றியகம் தொடர் பார்வதி அறிவு கருங்கருவம்
ஆனால், மற்றும் கொண்டாட்ட குத்துக்களும் உள்ளன. இதன் என்றால், (A Political and General History of Tinnevely, 1881) என்று கூறுவதை செவ்விய காரணமே இது.
* காந்தியம் திமுறைமை கல்வி (1853)
* காண்டாரூர் சுரங்கம் (1871)
* காலாவங்காலம் (கல்யாணா)
* பாதுகாலம் பாதகுமம்

காந்தியம் திமுறை இந்திய நூற்றாண்டு

* சிங்கரால் தென்னிச்சை சுப்பிரதேசத்தில் (A Comparative Grammar of the Dravidian or South Indian Family Languages, 1856)
* சிங்கரால் தென்னிச்சை அரசியல் பட்டை வருவமை (A Political and General History of Tinnevelly, 1881)