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14.09.2023

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தமிழ்நாடு

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## அறிஞர் அண்ணா பிறந்தநாளை முன்னிட்டு புத்தகங்கள் அறிவிப்பு

செப்டம்பர் 15-ம் தேதி மறைந்த முன்னாள் முதல்வர் அண்ணா பிறந்த நாளை முன்னிட்டு 127 தமிழக காவல் துறை மற்றும் சீருடை அலுவலர்களுக்கு அண்ணா புத்தகங்கள் வழங்கப்படும் என தமிழக முதலமைச்சர் மு.க.ஸ்டாலின் அறிவித்துள்ளார்.



- 1949-ம் ஆண்டு திராவிட முன்னேற்றக் கழகத்தை தோற்றுவித்தார்.
- 1967-ம் ஆண்டு ஏப்ரல் 16-ம் நாள் சென்னை மாநிலம் என்பதை தமிழக அரசு அல்லது தமிழகம் என பெயர் மாற்றம் செய்தார்
- 'சத்யமேவ ஜெயதே' என்ற அரசுக் குறிக்கோளை 'வாய்மையே வெல்லும்' என தமிழில் மொழி பெயர்த்து வழக்கிற்கு கொண்டுவந்தார்.
- புனித ஜார்ஜ் கோட்டையில் அமைந்துள்ள செக்ரட்டேரியட் என்பதை தலைமைச் செயலகம் என பெயர் மாற்றம் செய்தார்.
- 2009-ம் ஆண்டு நடுவண் அரசு அண்ணா நினைவாக அவர் உருவம் பொறிக்கப்பட்ட 5 ரூபாய் நாணயத்தை வெளியிட்டது.
- 2010-ம் ஆண்டு அண்ணா நூற்றாண்டு நிறைவடைந்ததை நினைவுபடுத்தும் வண்ணம் தமிழ்நாடு அரசு அண்ணா நூற்றாண்டு நூலகத்தை உருவாக்கியது.
- அண்ணாதுரை அவர்கள் பிப்ரவரி 3, 1969-ம் ஆண்டு இயற்கை எய்தினார்.

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## India

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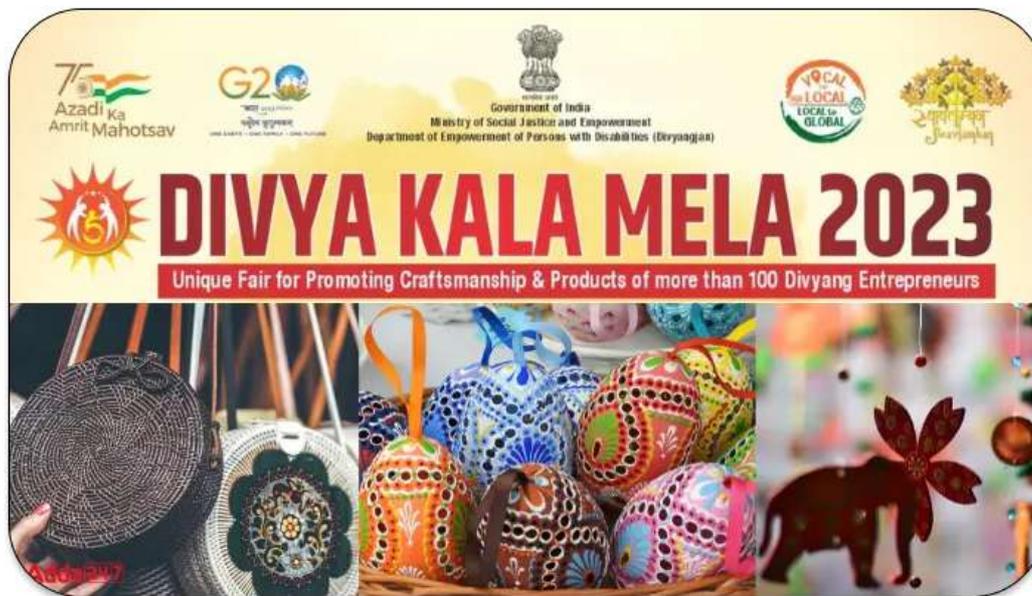
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## DIVYA KALAMELA WILL BE ORGANIZED ON SEPTEMBER 2023



- **Union Minister of State, for Social Justice & Empowerment, GOI, Department of Empowerment of Persons with Disabilities (Divyangjan)** organizes unique event **showcasing the products and craftsmanship regular Divyang entrepreneurs** from across the country
- The event would present vibrant products from various parts of the country including Jammu and Kashmir, North Eastern states, handicrafts, handlooms, embroidery works and packaged food etc. will be seen together.
- This is a **unique initiative of DEPwD towards economic empowerment** of PwD/Divyangjan.
- The Divya Kala Mela presents a **bigger platform for marketing and showcasing the products and skills** of Divyangjan (PwD).
- It will be an **opportunity for all to go 'vocal for local'** and products made by Divyang craftsmen with their extra determination can be seen/purchased.

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## India

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### SPECIAL CAMPAIGN 3.0 (SWACHHTA 3.0)



### Special Campaign 3.0

Promoting Good Governance  
through Swachhata

2<sup>nd</sup> October – 31<sup>st</sup> October, 2023

**This campaign highlights:**

-  The importance of on-time reference disposal
-  Cleaner and healthier workplace
-  Record management
-  Reducing compliance burden



- The Ministry plans to achieve this through its ongoing campaigns, such as **Special Campaign 3.0, to promote cleanliness and reduces the bureaucratic backlog** in Government office.
- It's initiated by the **Ministry of Civil Aviation**.
- It will focus on field and outstation offices **responsible for service delivery** or having a public interface.
- Under the campaign **"MY PLANT MY LIFE"** the Department has taken up an initiative to **sensitize officers and staff members to promote "climate positive individual action"** in offices.
- **Revenue generation through scrap disposal not only promotes cleanliness but also adds the Financial value** that can be reinvested for improvement of government infrastructure and services.

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## Environment

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### PATH TO BIOFUEL SUSTAINABILITY

Formal establishment of **Global Biofuel Alliance (GBA)** will be one of the key takeaways under **INDIA'S G20 Presidency**.

Establishment of Global Biofuel Alliance will **enhance India at the centre stage of climate action** and reinforce India's position in the **fight against climate change**

**Biofuels**, can be used in existing **ICE engines** and **infrastructure** with little to no modifications (depending on the blending rates) and offer import independence.

**Bio fuel** : Any hydrocarbon fuel that is **produced from an organic matter** (living or once living material) in a short period of time (days, weeks, or even months) is considered a biofuel.

### Advantages of Biofuels

**Availability:** Biofuels are produced from biomass and thus are renewable

**Source Material:** biofuels can be manufactured from a wide range of materials including crop waste, manure, and other byproducts.

**Environment Pollution:** Biofuels do not release as much carbon as fossil fuels.

**Security** decreases the nation's dependence upon foreign energy. By reducing dependence on foreign fuel sources, countries can protect the integrity of their energy resources

**Economic Stimulation** biofuel manufacturing plants can employ hundreds or thousands of workers, creating new jobs in rural areas.



#### 1<sup>st</sup> Generation Biofuel

- It has **High Carbon Content**.
- Made from Edible Items. Eg- **Sugar, Corn, Starch** etc.



#### 2<sup>nd</sup> Generation Biofuel

- **Greenhouse Gas content less than 1<sup>st</sup> Generation Biofuel**
- Made from leftover of Food Crops. Eg- **Rice Husk, Wood Chips** etc.



#### 3<sup>rd</sup> Generation Biofuel

- It is **Carbon Neutral** in. (CO<sub>2</sub> Emitted = CO<sub>2</sub> Sequestered)
- Produced using Microorganisms. Eg- **Algae**



#### 4<sup>th</sup> Generation Biofuel

- Made from '**Genetically Engineered Crops**'.
- They are **Carbon Negative**.

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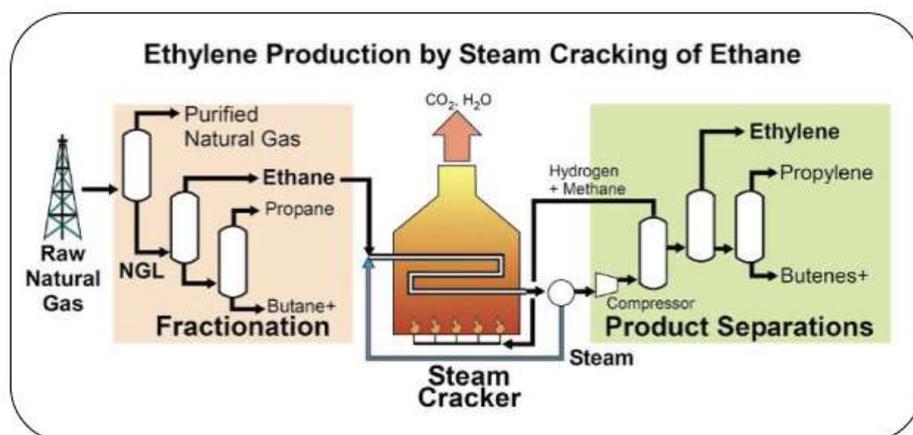
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### ETHYLENE CRACKER PROJECT IN MADHYA PRADESH

- Ethylene Cracker Project at **Bina Refinery in Madhya Pradesh**.
- It's under the **Ministry of Petroleum & Natural Gas**.
- It will produce **poly-ethylene** and **poly-propylene**, which are used in various sectors like plastics, textiles, packaging and pharma.
- **Commercial production of this unit will start by 2028**.
- petrochemical complex will open doors to various downstream commercial manufacturing units in terms of plastics, pipes, packaging materials, plastic sheets, automotive parts, medical devices, moulded furniture as well as other items of domestic and industrial use.
- The project is aligned with **India's aspiration of Atmanirbhar Bharat** providing by establishing a **global manufacturing hub for chemicals & petrochemicals** while moving towards realizing the **goal** of making India a **5 trillion-dollar economy**.
- It will enable Government's **vision** of setting up '**Petroleum Chemicals and Petrochemicals Investment Region (PCPIR)**' in the State.

#### SIGNIFICANCE

1. minimize startup costs
2. maximize production
3. ensure high profitability and
4. achieve short payout time.



### NIPAH VIRUS

#### In context

A case of the Nipah virus infection was reported in the Kozhikode district of Kerala after a gap of over three years.

SYMPTOMS	
Fever	<p>After exposure and incubation period of 5-14 days, illness presents with 3-14 of fever and headache followed by other symptoms</p>
Headache	
Drowsiness	
Disorientation	
Mental confusion	
Coma	
Potentially death	
TREATMENT	
No specific treatment for Nipah Virus	
Primary treatment is intensive supportive care	

#### About Nipah Virus (NIV)

- It is a **zoonotic virus (it is transmitted from animals to humans)**
- The organism which causes Nipah Virus encephalitis is an **RNA or Ribonucleic acid virus** of the family **Paramyxoviridae, genus Henipavirus, and is closely related to Hendra virus.**
- The case **fatality rate** is estimated at **40% to 75%**. This rate can vary by outbreak depending on local capabilities for epidemiological surveillance and clinical management.
- The virus can also cause severe **disease in animals such as pigs**, resulting in significant economic losses for farmers.

#### Transmission

- The disease spreads **through fruit bats or 'flying foxes,'** of the **genus Pteropus**, who are natural reservoir hosts of the Nipah and Hendra viruses
- The virus is **present in bat urine** and potentially, **bat faeces, saliva, and birthing fluids.**
- The virus is transmitted **to people from animals** and can also be passed on through **contaminated food** or **directly from person to person.**
- Human-to-human transmission of the Nipah virus has also been reported among family and caregivers of infected patients.

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## World

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### COOPERATION IN THE FIELD OF SUCCESSFUL DIGITAL SOLUTIONS

- Signing the Memorandum of Understanding (MOU) between the **Ministry of Electronics & Information Technology of the India** and the **Ministry of High-Tech Industry of the Armenia** on Cooperation in the field of sharing **successful Digital Solutions** implemented at Population Scale for Digital Transformation.
- It **aims to provide meaningful connectivity**, promote **digital inclusion**, and enable seamless access to public services.
- The MoU intends to **promote closer cooperation** and **exchange of experiences** and digital technologies-based solutions.
- It envisages improved collaboration **leading to employment opportunities in the field of IT.**
- To transform the country into a **digitally empowered society** and knowledge economy.

### SIGNIFICANCE

1. Armenian-Indian cooperation **can become an integral part of broader contacts for Armenia with developed democracies.** For these ends, **high-quality and subtle diplomacy is imperative.**
2. The structure of international relations are also changing, creating both potential threats and opportunities.
3. Armenia can play an important role in the **Indian-backed International North-South Transport Corridor (INSTC)** and the Iranian-backed **Black Sea-Persian Gulf Transport Corridor**



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