



28 December 2023

National and International News

<p>Deep Fakes</p>	<p>Context</p> <ul style="list-style-type: none"> The Ministry of Electronics and Information Technology has send another advisory to social media firms to comply with the Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021. The advisory is aimed at getting social media firms to crack down more forcefully on fabricated 'deepfake' clips of people made with artificial intelligence. <p>About deep fakes</p> <ul style="list-style-type: none"> Deepfakes are fake content in the form of videos, pictures and audio which are created using powerful artificial intelligence tools. The origin of the word "deepfake" can be traced back to 2017 when a Reddit user, with the username "deepfakes", posted explicit videos of celebrities. The technology involves modifying or creating images and videos using a machine learning technique called generative adversarial network (GAN). This AI-driven software detects and learns the subjects' movements and facial expressions from the source material and then duplicates these in another video or image.
<p>PLI 2.0 for steel sector</p>	<p>Context</p> <p>The government is working on Production Linked Incentive (PLI) scheme 2.0 to ensure adequate raw material supply for the steel sector in 2024.</p> <p>About Production Linked Incentive Scheme 2.0</p> <ul style="list-style-type: none"> The scheme proposes a financial incentive to boost domestic manufacturing and attract large investments in the value chain. The target segments under PLI 2.0 Scheme shall include Laptops, Tablets ,All-in-One PCs and Servers and Ultra Small Form Factor. Implementation: Companies, both global and domestic, that meet the eligibility criteria specified in the PLI 2.0 Scheme guidelines will receive support for manufacturing goods in India within the specified



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- target segment.
- The classification of applicants into the **Hybrid (Global/Domestic) category** will be determined by whether the company is domestic or global.
- Tenure:** The incentives provided under the PLI 2.0 Scheme will be applicable for a period of 6 years
- Base year:** For the calculation of net incremental sales of manufactured goods, the base year will be the financial year 2022-23.

Renewable energy investments



Context

- Power Ministry estimates show that India will witness **more than 83% increase in investments** in renewable energy (RE) projects to **about \$16.5 billion in 2024** as the country focuses on energy transition to reduce carbon emissions
- This is in line with India's ambitious target of having **500 GW of renewable energy by 2030** and its resolve to reduce overall power generation capacity from fossil fuels to less than 50%.
- India has committed a **net zero emission target by 2070**.

Smart Lander for Investigating Moon (SLIM) spacecraft

Context

- SLIM is a spacecraft built and launched by the **Japan Aerospace Exploration Agency (JAXA)** from the Tanegashima spaceport.
- It weighed only 590 kg
- SLIM was launched together with XRISM, a next-generation X-ray space telescope, onboard an **H-2A rocket**.

Muslim League Jammu Kashmir (Masarat Alam faction) under Unlawful Activities (Prevention) Act (UAPA)

Context


- The Union Home Ministry declared the **Muslim League Jammu Kashmir (Masarat Alam faction)** an "unlawful association" under the anti-terror **Unlawful Activities (Prevention) Act (UAPA)** for five years.
- MLJK-MA was known for its **anti-India and pro-Pakistan propaganda** and its objectives were to get freedom of Jammu and Kashmir from India so as to realise the merger of Jammu and Kashmir with



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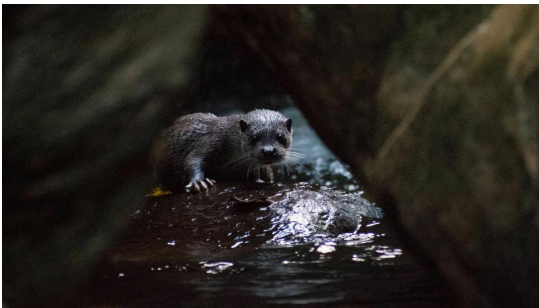
	<p>Pakistan and establish Islamic rule.</p> <p>About</p> <ul style="list-style-type: none"> • UAPA was passed in 1967. • It aims at effective prevention of unlawful activities associations in India. • Unlawful activity refers to any action taken by an individual or association intended to disrupt the territorial integrity and sovereignty of India. • The Act assigns absolute power to the central government, by way of which if the Centre deems an activity as unlawful then it may, by way of an Official Gazette, declare it so. • It has death penalty and life imprisonment as highest punishments. • Under UAPA, both Indian and foreign nationals can be charged
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Kerala Regional News

<p>Kozhikode Paragon ranked 5th in Taste Atlas's ranking</p> 	<p>Context:</p> <ul style="list-style-type: none"> • According to Taste Atlas' latest ranking, two Indian restaurants: Paragon in Kozhikode and Tunday Kababi in Lucknow, have made it to the top six. • Paragon in Kerala has made it to the fifth rank, with Malabar Biryani remaining the restaurant's iconic dish. • Taste Atlas is an online platform dedicated to exploring global food traditions, publishes comprehensive annual rankings of cuisines, dishes, food products, ingredients, and restaurants. <p>Note:</p> <ul style="list-style-type: none"> • Tunday Kababi is ranked sixth. • The top-ranked restaurant is Figlmuller, Vienna.
<p>J.B.Koshy Commission recommendations to be implemented in Kerala</p>	<p>Context:</p> <ul style="list-style-type: none"> • The Kerala government has announced its intention to implement the recommendations of the J. B. Koshy Commission, which was appointed in 2019. • It was constituted to study the problems faced by Christians in the state.



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	<ul style="list-style-type: none"> The commission submitted its report in 2020, with 246 recommendations aimed at improving social, educational, and economic conditions for the Christian community. <p>Key Recommendations:</p> <ol style="list-style-type: none"> Reservation in government jobs and educational institutions: Financial assistance for educational and economic empowerment Representation in government appointments and boards Protection of minority educational institutions Measures to address social discrimination and hate crimes
<p>National Women’s Theatre Festival begins in capital</p> 	<p>Context:</p> <ul style="list-style-type: none"> The three-day National Women’s Theatre Festival, being organized by the Nireeksha Women’s Theatre in Kerala. The festival features an eclectic mix of plays, ranging from contemporary dramas and comedies to experimental pieces and adaptations of classic works. These productions explore a wide range of themes, from the challenges faced by women in society to their triumphs and resilience. It brings together renowned playwrights, directors, actors, and other theater professionals from across the country, offering a unique platform for collaboration and exchange of ideas.
<p>Eurasian otter discovered for the first time from Kerala</p> 	<p>Context:</p> <ul style="list-style-type: none"> A team of researchers have discovered Eurasian otters in the Chinnar Wildlife Sanctuary in Idukki for the first time in Kerala.. The scientific name of the Eurasian otter is <i>Lutra lutra</i> It is a captivating semi-aquatic mammal native to Europe and parts of Asia and Africa It plays a vital role in maintaining healthy aquatic ecosystems by controlling fish populations and promoting biodiversity.
<p>100th anniversary of Samastha in Kasargod</p>	<p>Context:</p>



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- The **Kanthapuram faction of the Samastha Kerala Jem-lyyathul Ulama**, a prominent **Sunni Muslim** organization in Kerala, will be **holding a grand celebration for the 100th anniversary** of the organization in **Kasargod district**.

About:

- The **100th anniversary** is a major event for Samastha, **holding both religious and political significance**.
- It showcases the **organization's long-standing contributions to the Sunni community**.

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