



20 Mar 2025

National and International News

<p><b>IndiaAI Mission</b></p>	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>The Union government's IndiaAI Mission is set to sign a memorandum of understanding with the Gates Foundation to collaborate on <b>"AI solutions for better crops, stronger healthcare, smarter education, and climate resilience,"</b> announced <b>Ashwini Vaishnaw, the Minister of Electronics and Information Technology.</b></li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>The IndiaAI Mission was initially launched as a joint initiative between the <b>Ministry of Electronics and Information Technology and Nasscom in 2023.</b></li> <li>It has since evolved into a government-led initiative with an outlay of <b>₹10,371.92 crore.</b></li> <li>The mission's key goals are: <ul style="list-style-type: none"> <li><b>"Making AI in India" – Encouraging domestic AI development.</b></li> <li><b>"Making AI Work for India" – Ensuring AI benefits various sectors in the country.</b></li> </ul> </li> <li>This initiative aims to bolster India's AI ecosystem by making high-end computing resources accessible to startups and researchers.</li> <li><b>Key Pillars:</b> <ul style="list-style-type: none"> <li><b>Common Compute Facility:</b> <ul style="list-style-type: none"> <li>Provides GPU access to startups and researchers, aiming to reduce dependency on costly foreign computing resources.</li> </ul> </li> <li><b>AI Kosha (IndiaAI Datasets Platform):</b> <ul style="list-style-type: none"> <li>Develops India-specific datasets to improve AI models, reducing bias from Western-trained models by incorporating local language and cultural data.</li> </ul> </li> <li><b>AI Safety Institute of India (Upcoming):</b> <ul style="list-style-type: none"> <li>Focuses on AI risk assessment and safety guidelines to ensure that AI tools are reliable, secure, and prevent misuse.</li> </ul> </li> <li><b>IndiaAI Innovation Centre:</b> <ul style="list-style-type: none"> <li>Works on developing domain-specific foundation models tailored for various industries.</li> </ul> </li> <li><b>AI Application Development Initiative:</b> <ul style="list-style-type: none"> <li>Supports the development of AI-based solutions for both commercial and societal applications.</li> </ul> </li> <li><b>Future Skills Initiative:</b></li> </ul> </li> </ul>
-------------------------------	---



## Daily Current Affairs Encyclopedia

	<ul style="list-style-type: none"> <li>■ Establishes AI labs in smaller cities to foster skill development and enhance local talent.</li> <li>○ <b>Startup Financing:</b> <ul style="list-style-type: none"> <li>■ Provides financial support to AI startups, encouraging innovation and growth in the AI sector.</li> </ul> </li> </ul>
<p><b>Revised National Program for Dairy Development (NPDD)</b></p>	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>● The Union Cabinet, chaired by the <b>Prime Minister Shri Narendra Modi, has today approved the Revised National Program for Dairy Development (NPDD).</b></li> <li>● The Revised NPDD, a Central Sector Scheme, has been enhanced with an additional <b>Rs.1000 crore, bringing the total budget to Rs.2790 crore for the period of the 15th Finance Commission cycle (2021-22 to 2025-26).</b></li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>● This initiative focuses on modernizing and expanding dairy infrastructure, ensuring the sector's sustained growth and productivity.</li> <li>● The revised NPDD will give an impetus to the dairy sector by creating infrastructure for milk procurement, processing capacity, and ensuring better quality control.</li> <li>● It is intended to help farmers gain better access to markets, to ensuring better pricing through value addition, and improve the efficiency of the supply chain, leading to higher incomes and greater rural development.</li> <li>● <b>The scheme has two key components:</b> <ul style="list-style-type: none"> <li>○ Component A focuses on improving dairy infrastructure, including milk chilling plants and testing labs, supporting new village dairy cooperatives, and strengthening milk procurement and processing in the North Eastern Region, hilly areas, and UTs. It also aids in forming 2 Milk Producer Companies with dedicated grants.</li> <li>○ Component B, called "Dairying through Cooperatives (DTC)," continues to develop dairy cooperatives in collaboration with Japan and JICA. It enhances dairy infrastructure in nine states: Andhra Pradesh, Bihar, Madhya Pradesh, Punjab, Rajasthan, Telangana, Uttarakhand, Uttar Pradesh, and West Bengal.</li> </ul> </li> </ul>
<p><b>Rashtriya Karmayogi Jan Seva Programme</b></p>	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>● <b>The Ministry of Ayush has inaugurated the first batch of the Rashtriya Karmayogi Jan Seva Programme.</b></li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>● It is an interactive event aimed to inspire, enlighten, and guide Central Government employees to adopt the Karmayogi Way, emphasizing a citizen-centric approach to</li> </ul>



	<p>governance.</p> <ul style="list-style-type: none"> <li>• The initiative is launched by the Capacity Building Commission.</li> <li>• The programme focused on fostering Seva-Bhav (a sense of service) and accountability.</li> </ul> <p><b>About Mission KarmaYogi:</b></p> <ul style="list-style-type: none"> <li>• In <b>2020</b>, the Government of India launched <b>Mission Karmayogi, a National Programme for Civil Services Capacity Building (NPCSCP)</b>.</li> <li>• It is anchored by an apex body and headed by the Prime Minister.</li> <li>• The programme aims at building a future-ready civil service with the right attitude, skills and knowledge, aligned to the vision of New India.</li> </ul> <p><b>About Capacity Building Commission:</b></p> <ul style="list-style-type: none"> <li>• It was established in <b>2021</b>.</li> <li>• It is a three-member Commission, supported by an internal Secretariat headed by a Secretary.</li> <li>• Members have been appointed from diverse backgrounds such as private sector, academia, public sector, and civil society.</li> <li>• The Commission's focus is on driving stand harmonisation across the public sector learning and development landscape.</li> </ul>
QUAD	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>• <b>Recently, senior defense officials from the Quad countries expressed concern over China's assertive behavior in the Indo-Pacific.</b></li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>• QUAD, also known as the <b>Quadrilateral Security Dialogue or simply the Quad, is a strategic forum comprising four countries: the United States, Japan, India, and Australia.</b></li> <li>• The Quad is aimed at promoting <b>regional security and economic cooperation in the Indo-Pacific region.</b></li> <li>• The four countries share a common interest in maintaining a free and open Indo-Pacific, promoting democracy, human rights, and the rule of law, and countering China's expanding influence in the region.</li> <li>• The Quad has held several meetings at the ministerial and leaders' level to discuss issues such as maritime security, infrastructure development, and supply chain resilience.</li> <li>• The Quad is seen as a mechanism for balancing China's influence in the region, although its members have stressed that it is not a military alliance and is open to other countries who share their values and interests.</li> <li>• <b>Quad Initiatives:</b></li> </ul>



Daily Current Affairs Encyclopedia

- **QUAD fellowship:** for pursuing a doctorate in STEM courses.
- **Quad Vaccine Partnership:** to boost vaccine partnership.
  - Covid-19 Global Action Plan to enhance coordination in recovery efforts during the Covid pandemic.
- **Quad Vaccine Experts Group:** for cooperation in vaccine strategy.
- **Quad Senior Cyber Group:** for adoption and implementation of shared cyber standards.
- Cooperation in the space sector: Sharing satellite data.
- **Quad Climate Working group:** for adaptation to climate change and to build capacity in other Indo-Pacific.
- **Critical and emerging technologies:** cooperation in critical technologies essential for digital economies globally.
  - The Quad members in the 2022 summit decided to counter non-traditional security challenges, such as illegal fishing.

SpaceX's Starship



Why in news?

- NASA's astronauts, who were stranded in space for 9 months, returned to **Earth aboard a SpaceX spacecraft.**

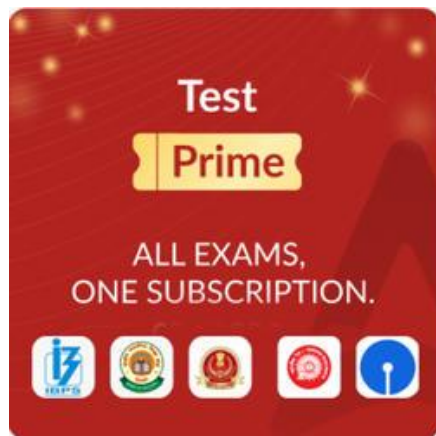
Key Points:

- Starship is a two-stage heavy lift vehicle comprising a Super Heavy booster, and an upper section called the Starship spacecraft.
- It is a key part of SpaceX's plans to send astronauts or cargo to celestial bodies.
- **Capacity:**
  - It has the ability to carry up to 150 metric tonnes to Earth orbit reusable and up to 250 metric tonnes in outer space.
  - It can carry up to 100 people into orbit.
  - The rocket system has a height of around 120 metres.
- **Purpose:**
  - It is aimed to lower the cost of space travel once it is fully operational and is built to transport crew and/or cargo to Earth orbit, the Moon, Mars, and beyond.
  - As part of the Artemis III mission, SpaceX also plans to use the Starship to return NASA astronauts to the moon by 2026.
  - The goal of SpaceX is to land the first humans on Mars using Starship.



## Daily Current Affairs Encyclopedia

<p><b>Rashtriya Mission</b></p> <p><b>Gokul</b></p>	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>The Union Cabinet approved a revision of the Rashtriya Gokul Mission (RGM) with a total allocation of ₹3,400 crore.</li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>The Department of Animal Husbandry and Dairying has been implementing RGM for development and conservation of indigenous bovine breeds since <b>December 2014</b>.</li> <li>The scheme is important for enhancing milk production and productivity of bovines to meet the growing demand of milk and making dairying more remunerative for the rural farmers of the country.</li> <li><b>Objectives:</b> <ul style="list-style-type: none"> <li>To enhance productivity of bovines and increase milk production in a sustainable manner using advanced technologies.</li> <li>To propagate use of high genetic merit bulls for breeding purposes.</li> <li>To enhance Artificial insemination coverage through strengthening breeding network and delivery of Artificial insemination services at farmers doorstep.</li> <li>To promote indigenous cattle &amp; buffalo rearing and conservation in a scientific and holistic manner.</li> </ul> </li> </ul>
---	--



Copyright © by Adda247

All rights are reserved. No part of this document may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of Adda247.