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Daily Current Affairs Encyclopedia

25 April 2024

National and International News

<p>Global report on food crises</p>	<p>Why in news?</p> <ul style="list-style-type: none">• Almost 282 million people suffered from acute hunger in 2023, according to a UN-led report.• The report said that conflicts, extreme weather events and economic shocks were fueling food insecurity worldwide. <p>About Global report on food crises:</p> <ul style="list-style-type: none">• The Food Security Information Network (FSIN) released a global report on food crises, describing the outlook as “bleak”.• The report noted an increase of 24 million people facing food insecurity in 2023 compared to 2022.• The report was a joint effort by several UN agencies, the European Union, various government bodies, and NGOs.• Major food crises were ongoing in Afghanistan, the Democratic Republic of Congo, Ethiopia, Nigeria, Syria, and Yemen.
<p>ASEAN Future Forum</p>	<p>Why in news?</p> <ul style="list-style-type: none">• The External Affairs Minister of India (EAM) spoke at the First ASEAN Future Forum virtually.• He highlighted the synergy between India’s Indo-Pacific Oceans Initiative (IPOI) and the ASEAN Outlook on Indo-Pacific (AOIP). <p>Key points:</p> <ul style="list-style-type: none">• This synergy provides a strong framework of cooperation, addressing challenges to comprehensive security.• EAM emphasized that ASEAN is central to India’s Act East policy and is a crucial pillar in India’s wider Indo-Pacific mission.• He called for the global south to present its perspective and assume a greater role in international affairs.• He stressed the importance of respecting and facilitating freedom of navigation, overflight, and unimpeded commerce.



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National Career Service (NCS) portal

Why in news?

- The Central government has plans to **upgrade the NCS portal**.
- The upgrade **aims to link millions of youths with prospective employers**.
- The ultimate goal is to **prepare a future-ready workforce**.

About NCS

- **National Career Service (NCS)** is a **mission-mode project** under the **E-Governance Plan**, launched in **2015**.
- The portal provides **online career counseling** and **vocational guidance** to its registered users.
- It **aims to help jobseekers make informed career choices** based on their qualifications, skills, and interests.
- NCS provides a **nation-wide online platform for job seekers and employers for efficient and responsive job-matching**.
- The NCS portal is **implemented by the Directorate General of Employment, Ministry of Labour & Employment**.

Pink hydrogen generation

Why in news?

- **Nuclear energy** can be **utilized to stimulate the production of 'pink' hydrogen** in India.
- This can be achieved by **amending the nuclear law**.

About Pink hydrogen:

- **Pink Hydrogen** is **generated through electrolysis powered by nuclear energy**.
- It can also be referred to as **purple hydrogen** or **red hydrogen**.
- The **very high temperatures from nuclear reactors could be used in other hydrogen productions by producing steam** for more efficient electrolysis or fossil gas-based steam methane reforming.
- Nuclear power offers significant **advantages** for pink hydrogen production, including **reducing production costs and emissions**.
- **Applications of Pink Hydrogen:**
 - Promising **replacement for fossil fuels** in the **cement industry, steel industry, aviation and heavy transportation**.
 - Can be used as a **feedstock and energy source with no greenhouse gas emissions**.



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National Centre for Polar and Ocean Research

Why in news?

- The **National Centre for Polar and Ocean Research** report details the conditions that have led to **significant changes in Antarctic ice**.
- These conditions have **caused an unprecedented hindrance in the expansion of Antarctic ice**.
- Additionally, these conditions have **led to the retreat of Antarctic ice**.

About National Centre for Polar and Ocean Research:

- It is an **autonomous research institute** under the **Ministry of Earth Sciences (MoES)**, established in **1998**.
- It is **India's premier R&D institution** responsible for the **country's research activities in the Polar and Southern Ocean realms**.
- The institute is **tasked with planning and executing polar expeditions and scientific research in Antarctica, Arctic, Himalayas and Southern Ocean**.
- It undertakes research on strategically vital projects like **mapping of Exclusive Economic Zone (EEZ), continental shelf margins and the Deep Ocean Mission**.
- It is **located in Vasco da Gama, Goa** and was **formerly known as the National Center for Antarctic and Ocean Research (NCAOR)**.

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