

KSG:NEWSPAPER CRUX

26TH APRIL, 2021

NEWSPAPER HIGHLIGHT

- The U.S.-India Climate and Clean Energy Agenda 2030 Partnership raises expectations that the coming decade will see sustained financial and technological cooperation between the two countries to cut greenhouse gas emissions.
- Many developed countries tend to view India's reluctance to commit to a net zero emissions target as recalcitrance, but the climate change crisis originated not here but in the industrialised world, which has used up much of the world's carbon space.
- The Centre must work together with the States and the Opposition to design a flexible and phased scheme of restrictions in the current situation of pandemic that takes into account specific requirements and concerns of various places.
- In comparison to the legislature and the executive, what the judiciary can deliver in the realm of socio-economic rights is limited. Courts cannot build better health infrastructure or directly supply oxygen; neither are they functionally bound to.
- With Israel determined to contain Iran's growing influence in the region, at a time when the U.S. and other Western powers are reaching out to Iran to revive the 2015 nuclear deal which could leave it more powerful economically.
- The Union Home Ministry has said it does not maintain a centralised list of volunteers enrolled under the cybercrime volunteer programme since the police is a "State subject" under the Seventh Schedule of the Constitution.
- U.S. President Joe Biden on officially recognised the mass killings of Armenians by Ottoman Turks in 1915-16 as "an act of genocide". Mr. Biden's announcement on the Armenian Genocide Remembrance Day could infuriate Turkey, America's NATO ally.

UN RELEASED "SECOND WORLD OCEAN ASSESSMENT" REPORT

1. United Nations has recently released WOA 2 which follows an initial report(WOA-1) published in 2015. The regular Process for Global Reporting and Assessment of State of Marine Environment is a global mechanism established after 2002 World Summit on Sustainable Development.
2. Key findings-Drivers having the greatest influence on the marine environment and its sustainability include, population growth and demographic changes, economic activity, technological advances, changing governance structures and geopolitical instability.
3. **Around 90% of mangrove, seagrass and marsh plant species, as well as more than 30% of seabird species, are also facing the threat of extinction. Number of 'dead zones' in the ocean has nearly doubled reaching to about 700 in 2019.**
4. **Dead zones are low-oxygen, or hypoxic areas in the world's oceans and lakes.** Because most organisms need oxygen to live, these areas are called dead zones.

AIM-PRIME

1. The Atal Innovation Mission (AIM), NITI Aayog launched AIM-PRIME (Program for Researchers on Innovations, Market-Readiness & Entrepreneurship).
2. AIM is Government of India's flagship initiative to promote a culture of innovation and entrepreneurship in the country. Promoting science based, deep technology ideas to market through training and guidance over a period of 12 months.
3. Deep technology is based on tangible engineering innovation or scientific advances and discoveries. Deep Tech is often set apart by its profound enabling power, the differentiation it can create, and its potential to catalyse change.
4. Focus Area: **Science-based, knowledge-intensive, deep technology entrepreneurship. Beneficiaries: Technology developers (early-stage deep tech startups, and scientists/ engineers/clinicians)** with strong science-based deep tech business ideas.

HARLEQUIN ICHTHYOSIS: RARE GENETIC DISORDER

1. Odisha reported its first-ever case of a baby born with Harlequin Ichthyosis, a rare genetic skin condition. India's first recorded case of a baby born with harlequin ichthyosis was in 2016.
2. Harlequin Ichthyosis is a rare genetic skin disorder to a newborn infant. It's a type of ichthyosis, which **refers to a group of disorders that cause persistently dry, scaly skin all over the body. It is inherited in an autosomal recessive pattern.**
3. Autosomal (that means inherited) Recessive Pattern is a way, where a genetic trait or condition can be passed down from parent to child. A genetic condition can occur when the child inherits one copy of a mutated (changed) gene from each parent.
4. It can be caused by changes (mutations) in the ABCA12 gene. ABCA12 Gene gives instructions for making a protein that is necessary for skin cells to develop normally. It plays a key role in the transport of fats (lipids) to the most superficial layer of the skin (epidermis), creating an effective skin barrier.

MADHU KRANTI PORTAL AND HONEY CORNERS

3. **The portal will help in increasing income of the farmers, boost exports and increase employment generation.** It will hold the database of all the stakeholders involved in honey production, marketing chains, hive production and sales. It will increase the reach of honey to international markets.