

Daily Current Affairs 27.09.2021

Patents (Amendment) Rules, 2021



- The central government introduced Patents (Amendment) Rules, 2021 which reduced the fee for patent filing and prosecution for educational institutions by 80 percent.

Patents (Amendment) Rules, 2021:

- High patenting fees present a restrictive element for getting technologies patented.
- To encourage greater participation of the educational institutions, which play a pivotal role in the country's innovation, official fees payable by them in respect of various acts under the Patents Rules, 2003, have been reduced by way of the Patents (Amendment) Rules, 2021.
- An Expedited Examination System has been introduced wherein an application for grant of patent is being decided within one year of filing such request under Expedited Examination as compared to the period of few years required in case of normal examination route.
- Scheme for Facilitating Startups Intellectual Property Protection (SIPP) has been launched to provide facilitators to Startups for filing and processing of their applications.

About Patents:

- The term of every patent in India is 20 years from the date of filing.
- In India, the Patents Act, 1970 was brought into the force on 20 April 1972.

Source: PIB

Main Battle Tanks (MBTs) Arjun Mk-1A



- The Ministry of Defence placed an order with Heavy Vehicles Factory, Avadi, Chennai for supply of 118 Main Battle Tanks (MBTs) Arjun Mk-1A for the Indian Army.
- **Note:** The Prime Minister had handed over the MBT Arjun Mk-1A to Chief of Army Staff General M M Naravane in Chennai on February 14, 2021.

About MBT Mk-1A:

- The state-of-the-art MBT Mk-1A is a new variant of Arjun Tank designed to enhance fire power, mobility and survivability.
- Infused with 72 new features and more indigenous content from the Mk-1 variant, the tank would ensure effortless mobility in all terrains, besides precise target engagement during day and night.
- It has been designed & developed by Combat Vehicles Research and Development Establishment (CVRDE), along with other laboratories of Defence Research & Development Organisation (DRDO).

Source: PIB

Arctic sea ice



- Recently, the Arctic sea ice reached its 2021 minimum extent, coming in at 4.72 million square kilometers, the 12th lowest on record.
- September marks the end of the summer sea ice melt season and the Arctic sea ice minimum, when sea ice over the Northern Hemisphere Ocean reaches its lowest extent of the year.
- In recent years, Arctic sea ice levels have been at their lowest since at least 1850 for the annual mean and in at least 1,000 years for late summer, according to the latest climate assessment from the U.N.'s Intergovernmental Panel on Climate Change (IPCC).
- The IPCC concluded that "the Arctic is likely to be practically sea ice free in September at least once before 2050."

Source: DTE

CSIR-CMERI Solar DC Cooking System



- The CSIR-CMERI has developed a Solar DC Cooking System.

About Solar DC Cooking System:

- It is a Solar Energy based Cooking System which consists of a solar PV panel, charge controller, battery bank and cooking oven.

- The technology provides a Clean Cooking Environment, Inverter-Less Direct Operation, Fast and Uniform Heating and a potential to save 1 ton Carbon Dioxide emissions per year/household.
- It has 20-25% better efficiency and is more Economical in comparison with Conventional Solar based Cooking Systems.

About CMERI (Central Mechanical Engineering Research Institute):

- It is a public engineering research and development institution in Durgapur, West Bengal.
- It is a constituent laboratory of the Indian Council of Scientific and Industrial Research (CSIR).

Source: PIB

Global Goalkeeper Award 2021



- The Bill & Melinda Gates Foundation announced Phumzile Mlambo-Ngcuka, former United Nations under-secretary-general and executive director of UN Women, as the winner of the Global Goalkeeper Award 2021.

Winners

1. Changemaker Award 2021- Fairouz Faizah Beether of Bangladesh
2. Progress Award 2021- Jenifer Colpas of Colombia
3. Campaign Award 2021- Satta Sheriff of Liberia

About Goalkeepers Award:

- Goalkeepers Award is the Bill & Melinda Gates Foundation's campaign to accelerate progress towards the Sustainable Development Goals (Global Goals).

Source: newsonair

September 27, World Tourism Day



- World Tourism Day is celebrated each year on September 27 to spread awareness about the importance of tourism and its impact on our society.
- The theme of World Tourism Day 2021 is 'Tourism for Inclusive Growth'.

Background:

- Since 1980, the United Nations World Tourism Organization (UNWTO) has celebrated World Tourism Day as international observances on September 27.
- This date was chosen as on that day in 1970, the Statutes of the UNWTO were adopted.
- UNWTO is a leading UN international agency in the field of tourism.

Note: The National Tourism Day (India) is celebrated on 25 January.

Source: un.org

WHO Ambassador for Global Health Financing



- The World Health Organization announced the appointment of Gordon Brown, former Prime Minister of the United Kingdom, as WHO Ambassador for Global Health Financing.
- More recently, Mr Brown has tirelessly called on wealthy nations as well as the private sector to ensure the equitable distribution of COVID-19 vaccines.

Note: He served as the Prime Minister of the UK from 2007 to 2010.

Source: WHO

Sharad Shatam Arogya Kavach Bima Yojana



- To conduct health check-ups / tests of senior citizens above 65 years of age in the state for implementation of Sharad Shatam Arogya Kavach Bima Yojana. Efforts are underway to implement this ambitious plan.
- As per the directions of Social Justice and Special Assistance Minister Dhananjay Munde, the state government's social justice department has set up a high-level committee.
- To make recommendations regarding various medical tests required for senior citizens. To recommend the process of surveying senior citizens through Asha workers and Anganwadi workers under this scheme.

- Receipt of the report of the senior citizen in the scheme after the examination of the senior citizen and diagnosing the disease in case of any disease found in it, as well as recommending the procedure of circulation in the health department and other schemes.
- State Health Guarantee Society Chief Executive Officer **Sudhakar Shinde** has been appointed as the Chairman of the Committee. This committee has been entrusted with the important responsibility of making recommendations to determine the overall functioning of the Sharad Shatam Yojana.

Source: Loksatta

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