

EVERYDAY CURRENT AFFAIRS – NOVEMBER 23, 2023

TAMIL NADU

➤ **Intelligent Transport System**

- ✓ The pilot project of the Intelligent Transport System for the city, with funding from the Japan International Cooperation Agency (JICA), is set to be implemented by the Greater Chennai Corporation (GCC) in January.



- ✓ The project, valued at 530 crore, involves the implementation of adaptive traffic signal control, red light violation detection, and traffic incident detection systems at various locations.
- ✓ The initiative aims to enhance traffic management and reduce signal stopping times, contributing to improved commuter and motorist experiences.

STATE

➤ **Saffron From Kishtwar Gets GI Tag**

- ✓ Kishtwar saffron, a highly coveted spice that is grown and harvested in the Kishtwar Region of Jammu and Kashmir, was recently awarded the famous

Geographical Indication (GI) label by the Geographical Indications Registry—a designation that is considered to be among the most prestigious in the world.



- ✓ The saffron that is grown in the Kishtwar district of Jammu is already renowned for its exceptional quality and distinctive individuality, but this recognition strengthens and strengthens its reputation even further.

INTERNATIONAL

- **ASEAN India Millet Festival 2023**
- ✓ The Indian Mission to ASEAN in collaboration with Ministry of Agriculture and Farmers' Welfare is organizing the ASEAN-India Millet Festival 2023, in Indonesia.
- ✓ A Millet-centric exhibition is being held as part of the festival featuring participation from Millet-based FPOs, start-ups and Indian chefs.



- ✓ Aligned with **the International Year of Millets** (IYM) celebrations, an aim of this festival is to raise awareness and create a market for millets and millets-based products among the ASEAN Member states i.e. Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam.

- ✓ During the festival, the **Department of Agriculture and Farmers' Welfare** is leading a delegation from India.

CONFERENCES & SUMMITS

- **8th India Water Impact Summit**
- ✓ Shri Nitin Gadkari, the MoRTH minister inaugurated the 8th Edition of the India Water Impact Summit at the Dr Ambedkar International Centre in New Delhi.



- ✓ The summit, organized by the National Mission for Clean Ganga and the Center for Ganga River Basin Management and Studies.
- ✓ The theme of IWIS 2023 is 'Development vis-à-vis Land, Water and Rivers.'

SCIENCE, TECHNOLOGY AND ENVIRONMENT

- **IISR Chandra - New Pepper Variety**
- ✓ The Indian Institute of Spices Research (IISR) in Kozhikode has achieved a significant milestone in the field of agriculture with the successful development of a ground-breaking black pepper variety named 'IISR Chandra.'



- ✓ The research team at IISR took a unique approach in developing 'IISR Chandra' by crossing two distinct pepper varieties – **Cholamundi and Thommankodi**.
 - ✓ The resulting hybrid was then back-crossed with Thommankodi to ensure the retention of all desired parental traits.
 - ✓ This novel approach has given rise to a **high-yielding black pepper** variety that possesses unparalleled potential in both quality and yield.
- **Rare Metal Tantalum**
- ✓ Tantalum, a rare metal, was found at the Sutlej River in the soil of Punjab by a group of researchers led by Dr. Resmi Sebastian, who is an assistant professor in the institute's Civil Engineering Department.



- ✓ Not only is this discovery significant for Punjab, but it is also significant for India as a whole because tantalum is widely used in the electronics and semiconductor industries.
- ✓ Tantalum is a grey metal that is heavy and has a strong resistance to corrosion. Its atomic number is 73, and its characteristics include being highly resistant to corrosion.
- ✓ Tantalum's resistance to corrosion can be linked to the material's ability to develop an oxide layer that is extremely resistant to corrosion when it is exposed to air.

