20 October 2023
National and International News

Wankhede Stadium to have Sachin Tendulkar statue	**Context** The Mumbai Cricket Association (MCA) will inaugurate a life-size statue of former India captain Sachin Tendulkar in the Wankhede Stadium premises **About Stadium** • Wankhede Stadium is an international cricket stadium in Mumbai • It is owned and operated by **Mumbai Cricket Association (MCA)** and is the home ground of the Mumbai Indians. • It houses the headquarters of **MCA, the Board of Control for Cricket in India (BCCI), and the Indian Premier League (IPL).** • The stadium has been host to numerous high-profile cricket matches in the past, most notably the 2011 Cricket World Cup Final, in which India defeated Sri Lanka and became the first country to win the Cricket World Cup on home soil. • It hosted the last match of Sachin Tendulkar's international career.
World Food Day	• World Food Day is observed on 16th October. • World Food Day 2023 will focus on the theme, **'Water is Life, Water is Food. Leave No One Behind'.** • The theme aims to highlight the critical role of water for life on earth and water as the foundation of our food.
India's share of growth to rise to 18%	**Context** • India's contribution to **global economic growth will rise by 2 percentage points** in 5 years as the Indian economy is projected to grow faster in the coming years, as per **International Monetary Fund (IMF) senior official.** **About IMF** • The International Monetary Fund (IMF) is an organization of 190 member countries each of which has representation on the IMF's executive board in proportion to its financial importance, so that the most

	powerful countries in the global economy have the most voting power.
AI applications in ophthalmology	**Retinal disease diagnosis**: AI algorithms can analyse retinal images, such as fundus photographs and optical coherence tomography (OCT) scans, to detect and classify various retinal diseases **Automated screening:** AI-powered screening programmes can assist in the early identification of eye diseases by analysing large datasets of retinal images. This can be particularly useful in regions with limited access to ophthalmologists, and in mobile medical camps. **Glaucoma diagnosis and management:** AI can aid in monitoring glaucoma progression by analysing visual field tests and OCT scans. It helps ophthalmologists in making more informed decisions about the treatment and management of glaucoma patients. **Customised treatment plans**:AI can recommend personalised treatment plans for patients with conditions like AMD.AI can assist in tailoring treatment strategies to maximise effectiveness. - AI is also being used regularly by ophthalmologists in **surgical assistance.** - AI is also used to **diagnose and stage Retinopathy of Prematurity(ROP)** , a blinding disease affecting premature& low birth weight babies and in telemedicine - AI is also being used **to discover new drugs** for ophthalmic conditions by analysing vast datasets to identify potential therapeutic targets and compounds - the smart vision glasses provide a range of features aimed at improving the visual experience for those with vision challenges.
Drone delivers drugs across Himachal terrain	**Context** The Indian Council of Medical Research (ICMR) successfully transported more than **100 units of essential medications for 20 kilometres in Lahaul and Spiti district** using a drone, reducing travel time from 120 minutes to 26 minutes. **Key points** - The feasibility study in Himachal Pradesh is part of the **national mission to advance India's drone ecosystem** to explore the transportation of vital medical resources. - In this first high-altitude, low-temperature venture, the

	ICMR's endeavor in the long run is to streamline the distribution of essential medical provisions.
Kartavya Path giant pitcher 	**Context** In a grand finale to the '**Meri Maati Mera Desh'** (My **Country, My Soil) campaign,** a giant pitcher containing soil collected from across the country will be placed on Kartavya Path in New Delhi **Key points** ● Approximately 8,000 urns carrying soil from all villages of the country are expected to arrive in New Delhi as part of the campaign. ● The soil will be blended and placed in the pitcher that symbolises the unity and diversity of the nation. ● It will then be ceremoniously positioned in the **'Amrit Vatika' (Garden of Nectar) at Kartavya Path**.
AIIMS to have integrated health study centres	**Context** The **Ministry of Ayush, the Central Council for Research in Ayurvedic Sciences, and the Indian Council of Medical Research (ICMR)** have called for proposals to establish integrative health research centres at the All India Institutes of Medical Sciences (AIIMS) under its extramural programme. **Key points** ● The **Ayush-ICMR Advanced Centre for Integrative Health Research scheme** is aimed at harnessing the mutual understanding and research environment between different systems of medicine. ● The proposal comes against the backdrop of the Centre's bid for traditional Indian medicine to be included on the WHO list. ● The **inclusion of Ayurveda and related systems on the WHO list** will provide them access to a common language that allows health professionals to share standardised information.
EU human rights prize	**Context** **Mahsa Amini, Kurdish-Iranian woman** who died in police custody in Iran last year, sparking worldwide protests against the country's conservative Islamic theocracy, was awarded the European Union's top human rights prize

	About Award ● The EU award was created in 1988 to honour individuals or groups who defend human rights and fundamental freedoms. ● It named for **Soviet dissident Andrei Sakharov** ● Sakharov was a **Nobel Peace Prize laureate**
IT hardware 'licensing' put on hold	**Context** The Union Government's licensing requirement for imports of IT hardware will not come into force until **September next year** capping weeks of uncertainty and after significant pushback from hardware manufacturers. **Key points** ● Import Management System' would be put in place to process these authorisations ● This is to ensure that all provide the kind of data and information needed to make sure a completely trusted digital system.