

❖ Nagasaki Day 2023 - August 9

- Nagasaki Day is observed every year on August 9 to remind people of the destruction caused by the atomic bombings on the Japanese city of Nagasaki.
- The year 2023 marks the 78th anniversary of the incident and will pay tribute to all those who lost their lives in the attack or were left alive to die slowly in the horrible nuclear radiation.
- The day condemns the use of nuclear power and is observed all over the globe.
- Till now, Japan is the only country to be attacked by nuclear bombs.
- Nagasaki was not originally the target for second nuclear attack and was going to be a third target.
- In place of Nagasaki, Kokura was to be attacked but due to bad weather conditions and low visibility, the city was spared.
- The total number of casualties in Nagasaki after the bomb dropping was around 64000.

❖ International Day of the World's Indigenous Peoples - August 9

- The United Nations' (UN) International Day of the World's Indigenous People is observed on August 9 each year to promote and protect the rights of the world's Indigenous population.
- This date, adopted in December 1994 by UN General Assembly resolution 49/214, marks the date of the first meeting of the UN Working Group on Indigenous Populations of the Sub-Commission on the Promotion and Protection of Human Rights held in Geneva in 1982.

➤ Each year, UNESCO marks the celebration of the Day by sharing information on projects and activities.

Theme: Indigenous Youth as Agents of Change for Self-determination.

➤ Climate Action and the Green Transition

➤ Mobilizing for Justice

➤ Intergenerational connections

➤ Indigenous and tribal cultures, and communities, allow us to look back at our roots. Taking cognisance of the knowledge acquired by indigenous people is vital culturally and also scientifically.

❖ **Bandhan Bank, Odisha Partner for PoS Payment Solutions for Tourists**

➤ Bandhan Bank and Odisha Tourism Development Corporation has partnered for the former to provide Point of Sale (PoS) machines to facilitate card payments by tourists.

➤ Prime locations, including Puri, Bhubaneshwar, Konark, Chilka and Gopalpur, will be covered under this tie-up.

➤ The PoS machines will ease tourist payment collections.

➤ The machine will help tourists pay through debit or credit cards.

➤ The bank is also planning to launch UPI services soon.

➤ Odisha has been an important market for Bandhan Bank over the years.

➤ **Bandhan Bank CEO & Founder:** Chandra Shekhar Ghosh

Head office: Kolkata

Founded: 2001

Odisha CM: Naveen Patnaik

Capital: Bhubaneshwar

Governor: Ganeshi Lal

Telegram: [IACE_CURRENT](#)

Mobile App: [IACE ONLINE CLASSES](#)

YouTube: [IACE](#)

❖ 4 Stocks to Watch Out for as India Restricts Computer & Laptop Imports

- India's Directorate General of Foreign Trade (DGFT) imposed restrictions on importing seven items, including laptops, tablets, and personal computers.
- According to the notice, from 1 November 2023, the import of these restricted items would now require a valid license.
- The Directorate General of Foreign Trade (DGFT) the new licensing process. Following this, there is a buzz that the prices of laptops, personal computers and tablets may go up by 4-5 per cent or more because of import licensing.
- While placing import restrictions has been done on several items before, this move will likely impact major global electronic players.
- However, while restrictions are in place, Indian consumers may still be able to purchase foreign laptops and computers from abroad as long as they have an import license.
- Some foreign companies and local suppliers have the capacity to make these devices locally, something that could now be put to use.

❖ Bharat Electronics Limited Developed Weapon Locating Radar

- Indian Army inducted the lighter and compact version of Weapon Locating Radar (WLR), known as SWATHI Mountains, developed indigenously by Navratna Defence PSU Bharat Electronics Limited (BEL) along with LRDE, DRDO, has been inducted into the Indian Army.
- Lt Gen. J B Chaudhari SM, VSM, Dy. Chief of Army Staff (CD&S) flagged off the state-of-the-art RADAR system designed for use in mountainous and high-altitude in Agra.
- The induction of SWATHI Mountains into the Indian Army's arsenal will bolster the Army's battlefield surveillance and transparency capabilities and give a boost to the Make in India and Atmanirbharbharat initiatives.
- Weapon Locating Radar (WLR) stands as a critical asset for modern militaries, employing advanced signal processing techniques to autonomously detect and track hostile artillery, mortars, and rocket launchers.

❖ ISB, Goa ink knowledge partnership pact

- The Indian School of Business (ISB) announced that its Bharti Institute of Public Policy has inked a MoU with the Goa government for a knowledge partnership that will focus on evidence-based policy formulation and impact in the state.
- ISB announced that as a knowledge partner the Bharti Institute will help the Goa government further its objective of improving the state's social and economic prosperity indicators.
- Under the knowledge partnership, Bharti Institute will collaborate with the Goa Institute of Public Administration and Rural Development (GIPARD) to conduct workshops for officials of state services.
- Bharti Institute will also develop the Goa Open Data Portal in collaboration with the Department of Information Technology, Goa that will serve as a 'one-stop destination' for open data to access and interact with, for citizens, aiming towards digital governance.

❖ Renowned Malayalam film director and scriptwriter Siddique passes away

- Siddique Ismail, also known as Siddique, who directed and scripted several Malayalam, Hindi, and Tamil blockbusters, breathed his last at Amrita Hospital.
- Siddique was born to Haji Ismail Ravuthar and Zainaba in Kochi on August 1, 1954. He was the second of the eight children of the couple.
- Siddique directed twenty movies, including five Tamil language movies, one Hindi movie ("Bodyguard"), and a Telugu movie.
- He also scripted for 25 movies in different languages.
- The Siddique-Lal duo won the Kerala State Film Award for Best Film with Popular Appeal and Aesthetic Value for their movie 'God father' in 1991
- In recent years, Siddique was also active as a judge of reality TV shows and other channel programs.

❖ UoH research team designs sensor for detection of acetone biomarker

- A research team at the University of Hyderabad (UoH) has been successful in designing and developing a High Q Helmholtz Photoacoustic (PA) cell sensor with a movable piston arrangement for the low-level detection of acetone biomarker.
- Acetone can act as a biomarker for metabolic (diabetes) conditions in the blood stream.
- The team was led by Prof AK Chaudhary and Arjun VS Kidavu, senior research scholar, ACRHEM, School of Physics at UoH.
- This research holds immense promise for non-invasive medical diagnostics and may revolutionize disease detection.
- The natural frequency of the cell is tunable between 1.4 to 4.4 kHz and has an impressive maximum Q factor of 492.3 at 0.11 THz frequency for the first time.
- The fabricated Helmholtz PA cell is made of aluminium and has proven to be an extraordinary tool for acetone detection, a vital biomarker in diagnosing various diseases such as diabetes, asthma, lung cancer, etc.

❖ Indian Defence Ministry Set to Use Locally Developed OS “Maya” To Prevent Cyber attacks

- The Defence Ministry has announced that they are going to switch to Operating System Maya in all their computers in place of the Microsoft OS to prevent cyber and malware attacks.
- Operating System (OS) Maya was built locally based on open-source Ubuntu.
- With the increase of cyberattacks on defence and the critical infrastructure of the country has led the Defence Ministry to take this step.
- Maya has the interface and all functionality like Windows and users will not feel much difference as they transition to it.

- To begin with, the direction is to install Maya on all computers connected to the Internet in South Block before August 15.
- A Chakravayuh will also be installed in the systems to avail an ‘end point detection and protection system’.
- The government agencies developed Operating System Maya within six months.

❖ **Tata Power to invest Rs 13,000 cr in Maharashtra for Pumped Hydro Storage Projects (PSP)**

- Tata Power announced a Rs 13,000 crore investment for setting up two pumped hydro storage projects (PSPs) in Maharashtra.
- Without sharing a timeline for the investment, the two projects will have a combined capacity of 2,800 MW.
- PSP means water will be pumped from a lower reservoir to a higher reservoir during times of excess energy, and the same water will be used to power turbines located lower down to generate electricity during peak demand.
- The two PSPs will be set up at Shirawta, Pune (1,800 MW) and Bhivpuri, Raigad (1,000 MW) and generate employment for 6,000 people.
- The company has been operating hydel projects in the state for over a century, having a presence in Khopoli, Bhira and Bhivpuri. Bhira includes a 150 MW PSP capacity.