

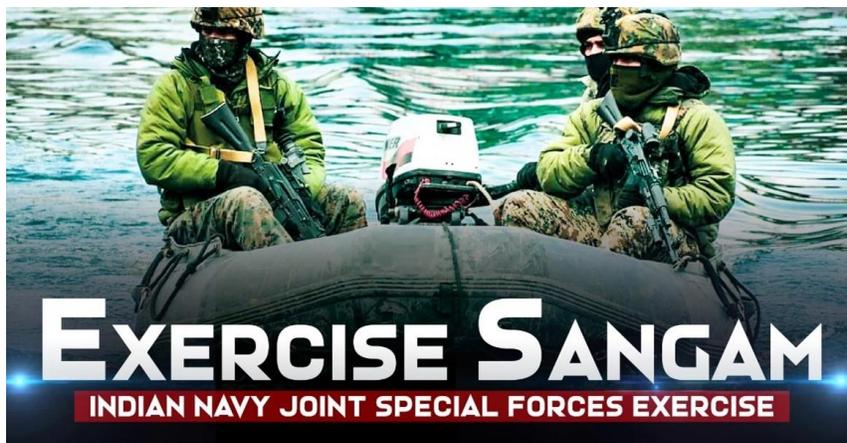
December - 14

TNPSC BITS

- ❖ Adani Green Energy Ltd has become the world's largest wind-solar hybrid power developer with the commissioning of its third wind-solar hybrid power plant in the Jaisalmer district of Rajasthan.
- ❖ World No 3 Sukant Kadam from India smashed his way to a gold medal at the Peru Para-Badminton International.
 - India won 14 medals in total (6 gold, 1 silver and 7 bronze).

NATIONAL

Naval Exercise Sangam



- ❖ The 7th edition of Exercise Sangam commenced in Goa.
- ❖ It is a joint Naval Special Forces exercise between Indian Navy MARCOs and US Navy SEALs.
- ❖ Exercise Sangam was first conducted in 1994.
- ❖ And it is an important military and diplomatic initiative between the two nations.

Print and Digital Media Association

- ❖ Centre has approved the Print and Digital Media Association (PADMA) as a self-regulatory body for publishers of news and current affairs across India.
- ❖ PADMA is a self-regulatory body having 47 news publishers.
- ❖ This organization is responsible for looking into grievances related to digital media news content on its member publishers' platforms.

- ❖ It will be headed by former HC Judge Mool Chand Garg.
- ❖ It also includes part-time members.

INTERNATIONAL

IORA Council of Ministers' Meeting

- ❖ India participated in the 22nd Council of Ministers' meeting of the Indian Ocean Rim Association (IORA) held at Dhaka in Bangladesh.
- ❖ The COM adopted the 'IORA's Outlook on the Indo-Pacific' (IOIP) which would guide enhancement of IORA's engagement in the Indo-Pacific region.
- ❖ The idea for IORA first surfaced during the late South African President Nelson Mandela's 1995 visit to India.
- ❖ IORA is an intergovernmental organization dedicated to fostering regional cooperation and sustainable development in the Indian Ocean region.
- ❖ It has 23 Member States bordering the Indian Ocean and 10 Dialogue Partners.
- ❖ Bangladesh took over as Chair from November 2021 to November 2023.



International Electrotechnical Commission

- ❖ India has won the International Electrotechnical Commission (IEC) Vice Presidency and Strategic Management Board (SMB) Chair for the 2023-25 term.
- ❖ IEC is an international standard-setting body that publishes international standards for all electrical, electronic and related technologies.



- ❖ SMB is an apex governance body of the IEC responsible for technical policy matters.



ECONOMY

8th largest ad market



- ❖ India is expected to overtake Brazil to become the eighth-largest advertising market in 2023.
- ❖ 'This Year, GroupM has ranked India as the ninth-largest advertising market globally.

- ❖ India's total advertising revenue in 2022 has grown by 15.8% to touch \$14.9 billion, led by growth in pure-play digital advertising.
- ❖ In 2023, it is expected to grow by 16.8%.

SCIENCE AND TECHNOLOGY

Nuclear Stealth Bomber

- ❖ United States has unveiled its latest high-tech strategic bomber – the B-21 Raider.
- ❖ This is the first strategic bomber in more than three decades.
- ❖ It is capable of carrying a nuclear payload and can be flown without a crew on board.
- ❖ B-21 is capable of taking to the air without a pilot.



Ocean Wave Energy Converter

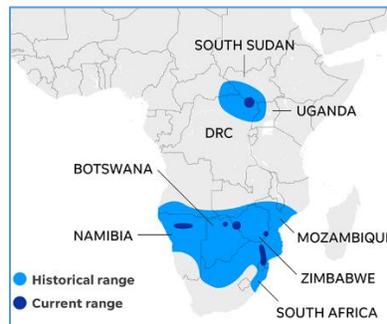


- ❖ Indian Institute of Technology Madras (IIT Madras) Researchers have developed an ‘Ocean Wave Energy Converter’ that can generate electricity from sea waves.
- ❖ This device targets generating 1MW of power from ocean waves in the next three years.
- ❖ The product has been named ‘Sindhuja-I,’ which means ‘generated from the ocean.’

ENVIRONMENT

Status of Southern White Rhinos

- ❖ CITES COP19 has recently accepted the proposal to downgrade the status of southern white rhinos from Appendix I to Appendix II.
- ❖ This proposal was made by Namibia and Botswana.
- ❖ Animals in Appendix II may not necessarily be on the brink of extinction but the trade of such species is regulated to protect their existence.
- ❖ It allows white rhinos to be relocated over long distances from one country to another.
- ❖ The southern white rhino is one of the two subspecies of white rhinos, with the other being the northern white rhino.
- ❖ It is one of the largest and heaviest animals in the world.
- ❖ It is among the most widespread and common subspecies of white rhinos.
- ❖ It is listed as Near Threatened by the IUCN Red List.

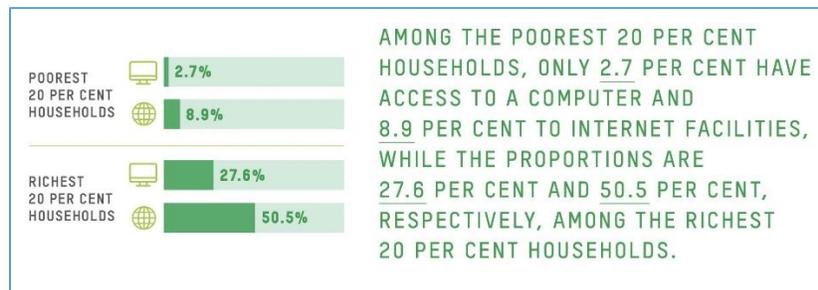


REPORTS AND INDICES

India Inequality Report 2022: Digital Divide

- ❖ Oxfam India's released 'India Inequality Report 2022: Digital Divide' report.

- ❖ The percentage of men owning phones is as high as 61 per cent while only 31 per cent of women-owned phones in 2021.
- ❖ India's growing inequalities based on caste, religion, gender, class, and geographic location are being worryingly replicated in the digital space.
- ❖ The report revealed a digital divide based on employment status where 95 per cent of the salaried permanent workers have a phone.
- ❖ Only 50 per cent of the unemployed (willing and looking for a job) have a phone in 2021.
- ❖ Only 3 per cent of the rural population owned a computer.
- ❖ There are only 57.29 internet subscribers per 100 people in the country and that number is significantly lower in rural areas than urban.



Top 100 defense companies list

Top 100 for 2022
2022 Top 100 [Click headers to sort](#)

This year's rank	Last Year's Rank	Company	Leadership	Country	2021 Defense Revenue (in millions)	2020 Defense Revenue (in millions)	% Defense Revenue Change	2021 Total Revenue (in millions)	Revenue From Defense
1	1	Lockheed Martin ^{1 2}	James D. Taiclet, Chairman, President and CEO	U.S.	\$64,458.00	\$62,562.00	3%	\$67,044.00	96%
2	2	Raytheon Technologies ¹	Gregory J. Hayes, Chairman and CEO	U.S.	\$41,852.20	\$42,000.00	0%	\$64,388.00	65%
3	3	Boeing	David Calhoun, President and CEO	U.S.	\$35,093.00	\$32,400.00	8%	\$62,286.00	56%
4	4	Northrop Grumman	Kathy J. Warden, Chair, CEO and President	U.S.	\$31,429.00	\$31,400.00	0%	\$35,667.00	88%
5	5	General Dynamics	Phebe Novakovic, Chairman and CEO	U.S.	\$30,800.00	\$29,800.00	3%	\$38,500.00	80%
6	6	Aviation Industry Corporation of China	Tan Ruisong, Chairman of the Board, and Hao Zhaoqing, Director and General Manager *	China	\$30,155.22	\$25,468.59	18%	\$80,424.24	37%
7	7	BAE Systems ¹	Charles Woodburn, Group CEO	U.K.	\$25,775.20	\$23,502.38	10%	\$26,849.16	96%
8	10	China State Shipbuilding Corporation Limited ³	Lei Fanpei, Chairman, and Yang Jincheng, Director and General Manager	China	\$18,517.72	\$16,017.53	16%	\$92,573.10	20%
9	8	China North Industries Group Corporation Limited	Liu Shiquan, Chairman, and Liu Dashan, President *	China	\$17,711.93	\$15,249.27	16%	\$81,648.42	22%
10	9	L3Harris Technologies ⁴	Christopher E. Kubasik, Vice Chair and CEO *	U.S.	\$14,924.00	\$14,936.00	0%	\$17,814.00	84%

- ❖ Swedish think-tank Stockholm International Peace Research Institute (SIPRI) released a Top 100 defence companies list 2021.
- ❖ It has placed the HAL (42nd) and BEL (63rd) in the list of top 100 companies worldwide to supply arms, totalling to \$5.1 billion in 2021.
- ❖ SIPRI included a Taiwanese firm for the first time in the top 100.

- ❖ China has a total of eight companies listed in the top 100, and among them four companies are ranked among the top 10.
- ❖ It found that arms sales from the eight Chinese companies reached \$109 billion in 2021.
- ❖ The overall leader has been companies belonging to the US with a share of 51 per cent of the total arms sales.
- ❖ The US companies are followed by the Chinese companies.

PERSONALITIES, AWARDS, AND EVENTS

Local Adaptation Champions Awards

- ❖ Swayam Shikshan Prayog from Maharashtra has been awarded the Local Adaptation Champions Awards.
- ❖ It is organised by the Global Center on Adaptation (GCA) at the recent COP27 in Sharm El-Sheikh, Egypt.
- ❖ It won the award in the ‘Capacity and Knowledge’ category.
- ❖ This is for their work in supporting women farmers to adopt more resilient and sustainable agricultural practices in Marathwada, Maharashtra.

