

July - 22

TNPSC BITS

- ❖ The Famous Ghazal singer Bhupinder Singh of Punjab passed away recently at Mumbai.
- ❖ Varanasi become the 1st “Cultural and Tourism Capital” of the SCO for 2022-23 under a new rotating initiative.
- ❖ Murali Sree Shankar from Kerala becomes first ever Indian to qualify for men's long jump final at the World Athletics Championships at USA.
- ❖ The Indian Bank has bagged the best performing bank award in Tamil Nadu for the FY 2021-22 under SHG Bank Linkage Programme category from NABARD.

TAMIL NADU

TN colleges in NIRF ranking

4th year in a row, IIT-M best institution

Retains Position As Country's Top Engg College

TIMES NEWS NETWORK

New Delhi/Chennai: For the fourth year in a row, the Indian Institute of Technology Madras (IIT-M) has topped the National Institutional Ranking Framework (NIRF) rankings in the overall category. It also retained its position as the country's best engineering institution, which it has held ever since the rankings began in 2016.

While Delhi's Miranda

HOW COLLEGES IN TN PERFORMED

Name	NIRF 2021	NIRF 2022	2 FROM CITY
➤ IIT Madras	1	1	➤ Presidency, Chennai Rank 3
➤ Amrita Vishwa Vidyapeetham	12	16	➤ Loyola, Chennai Rank 4
➤ Vellore Institute of Technology	21	18	➤ PSGR Krishnammal College for Women Rank 6
➤ NIT Trichy	23	21	
➤ Anna University	25	22	
➤ Bharathiar University	22	25	

House, IIT, Jawaharlal Nehru University, All India Institute of Medical Sciences and Jamia Millia Islamia (JMI) continued their good show, sought-after colleges such as

St Stephen's, Shri Ram College of Commerce (SRCC) and Lady Shri Ram (LSR) have dropped in the rankings. St Stephen's, for the first time, is not in the top 10.

Indian Institute of Science, Bengaluru, topped in the university and research categories. Miranda House topped the list of arts and science colleges. Several government and private institutions in Tamil Nadu did well in the rankings. They include Anna University, which improved over its 2021 ranks in overall (22), engineering (17) and research (21) categories. Amrita Vishwa Vidyapeetham in Coimbatore (16), Vellore Institute of Technology (18), National Institute of Technology in Trichy (21), and Bharathiar University (24) made it to the top 25 engineering colleges this year.

➤ Dravidian model, P 6

- ❖ The Indian Institute of Technology Madras has been ranked the best higher education institution in the country in the overall category.
- ❖ As many as 38 institutions from the State feature among the top 200 institutions in the overall category.
- ❖ Presidency College reclaimed its position as the third best college.
- ❖ Loyola College is ranked fourth.
- ❖ The Madras Christian College is ranked 17.
- ❖ Four women's colleges — Queen Mary's (47), Ethiraj (65), Women's Christian (72) and Stella Maris (76) — are among the top 76 colleges.

- ❖ As many as 73 colleges in the State feature among the top 200 institutions in the country.
- ❖ Thirteen of the best engineering institutions in the country are in Chennai.
- ❖ The State is home to 11 best MBA programmes.

NATIONAL

Mountain warfare training facility

- ❖ The Indo Tibetan Border Police has established its first mountain warfare training facility in northeast at Sikkim.
- ❖ It is the first mountain warfare training facility in northeast India and its second overall.
- ❖ The first institution of its kind is the Mountaineering and Skiing Institute (M&SI), was opened in Auli, near Joshimath of Uttarakhand in 1973–74.
- ❖ The Indo-Tibetan Border Police (ITBP) is tasked with securing the Line of Actual Control with China.

India Innovation Index 2021

- ❖ Third edition of India Innovation Index was released by NITI Aayog.
- ❖ It ranks the states and the union territories on their innovation performance.
- ❖ Karnataka, Manipur and Chandigarh topped in the index.
- ❖ Manipur topped in the ‘North East and Hill States’ category.
- ❖ Chandigarh was the top performer in the ‘Union Territories and City States’ category.

Rank	States
1	Karnataka
2	Telangana
3	Haryana
4	Maharashtra
5	Tamil Nadu

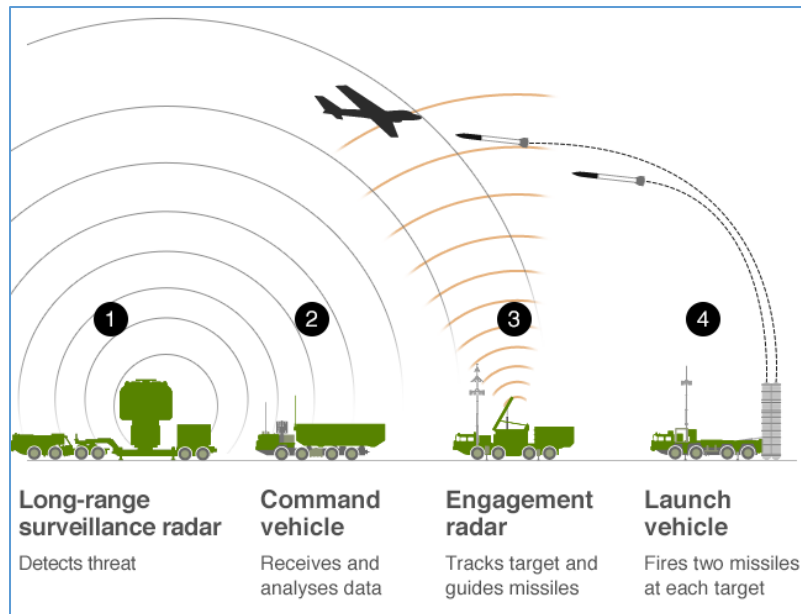
List of Unparliamentary Words

- ❖ Lok Sabha Secretariat released a list of “unparliamentary words” recently.
- ❖ Some of the unparliamentary words include ‘Jumla jeevi, Covid spreader, Snoop gate, Baal buddhi’.

- ❖ It also includes expressions like “ashamed, betrayed, hypocrisy. Abuse, drama, and incompetent”.
- ❖ This list has been released in 1954, 1986, 1992, 1999, 2004, 2009, 2010 in the past.
- ❖ In year 2010, it was started releasing on yearly basis.

INTERNATIONAL

Waiver to India on S-400



- ❖ The United States has decided not to impose sanctions on India for purchasing S-400 missile systems from Russia.
- ❖ India is exempted from Countering America's Adversaries Through Sanctions Act (CAATSA) now.
- ❖ Already, Turkey faced US sanctions under the law for purchasing S-400 from Russia.
- ❖ India had signed the \$5 billion deal with Russia for purchase of five units of the S-400.
- ❖ The first unit has been handed over to the Indian Air Force and deployed along the Western front in the Punjab sector.
- ❖ The S-400 is a mobile long-range surface to air missile system.
- ❖ It is considered one of the most lethal in the world.
- ❖ It can take down multiple targets up to a range of 400 km.

- ❖ With four different kinds of missiles, it has beyond visual range capabilities.
- ❖ It can engage multiple targets, which includes tracking of 160 objects in a 600 km range and hit 72 targets up to 400 km.

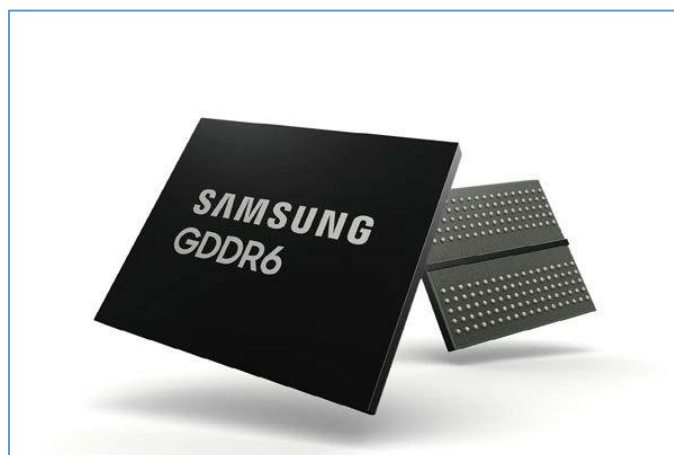
Sri Lanka 9th President

- ❖ Sri Lankan politician Ranil Wickremesinghe has been elected as the 9th President of the Island nation by the Parliament.
- ❖ He will replace Gotabaya Rajapaksa, who fled the country and resigned after public anger over the country's worst economic crisis.
- ❖ Ranil was the prime minister during the crisis.
- ❖ After Rajapaksa fled, Ranil becomes an interim president.



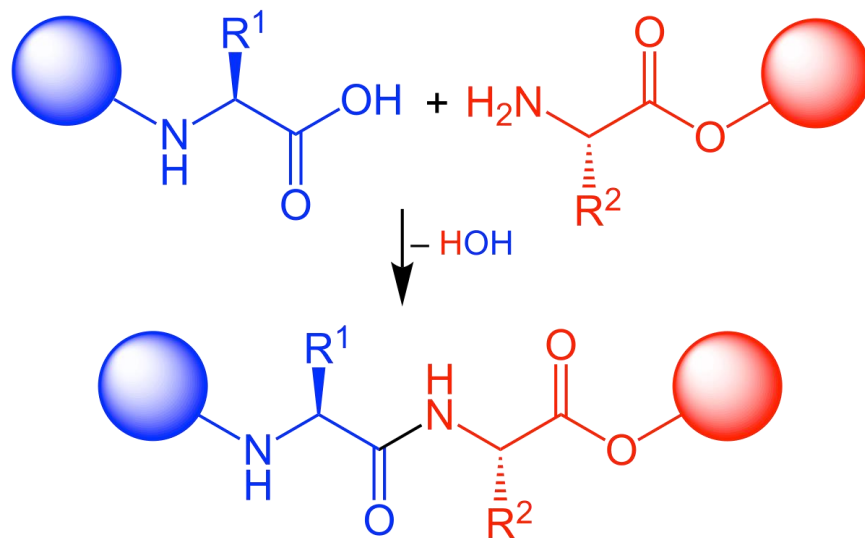
SCIENCE AND TECHNOLOGY

World's fastest graphics DRAM chip



- ❖ Samsung has developed a new graphics dynamic random-access memory (DRAM) chip with a faster speed and improved power efficiency.
- ❖ The new DRAM chip can process graphic images at a rate of up to 1.1 terabytes per second.
- ❖ Samsung's claim is the fastest in the world and is equivalent to processing 275 full HD movies in a second.
- ❖ Graphics DRAMs are widely used in high-powered 3D games, personal computers, notebooks or devices that play videos with a high resolution.

New synthetic peptides



- ❖ Indian researchers developed novel method to render SARS-CoV-2 inactive.
- ❖ New synthetic peptides can both prevent the SARS-CoV-2 virus from entering cells.
- ❖ It also, clump the virus particles together to lessen their capacity to infect living cells.
- ❖ With the help of this innovative technique, viruses like SARS-CoV-2 can be rendered dormant, opening the door for a new family of peptide antivirals.

STATES

Pacts to solve the border dispute

- ❖ Assam CM Himanta Biswa Sarma and Arunachal's CM Pema Khandu held their third meeting on the border disputes.
- ❖ They jointly issued the 'Namsai Declaration'.

- ❖ The first two meetings held between the two CMs on January 24 and April 20 this year.
- ❖ The boundary line delineated and signed on the 29 toposheets by the High-Powered Tripartite Committee as notified boundary during the year 1960.
- ❖ Both states decided to constitute 12 “regional committees”.
- ❖ Each covering 12 districts of Arunachal and the counterpart districts of Assam for joint verification of 123 villages.
- ❖ The final decision will be made based on the recommendations of the regional committees.
- ❖ 28 villages, which are within the constitutional boundary of Arunachal, will remain with it.
- ❖ 3 villages, on which claims were withdrawn by Arunachal, will remain with Assam.



PERSONALITIES, AWARDS, AND EVENTS

London Indian Film Festival





- ❖ Filmmakers Aparna Sen and Nandita Das have been awarded the Icon Award at this year's London Indian Film Festival.
- ❖ This is for their contribution to Indian and global cinema.
- ❖ Director Pan Nalin's poignant ode to cinema 'Chhello Show' (Last Film Show) was the winner of this year's audience-voted Best Film Award.
- ❖ In the annual Satyajit Ray short film category 'Jaagran', won the LIFF Jury Prize.

