

EVERYDAY CURRENT AFFAIRS-DECEMBER 5, 2021

TAMIL NADU

- **15-year-old Sangeetha N - won the state-level educational quiz conducted under Samagraha Siksha Abhiyan**
- ✓ A Class X student of Adi Dravidar Government Welfare School in Red Hills, Sangeetha got a ticket to Dubai for a three-day educational trip as the prize.



- ✓ Thousands of students from across the state took part in the quiz, and 89 were chosen to be a part of the finals.
 - ✓ The quiz that took place from September to November involved questions from school subjects of science, maths, social science, among other subjects.
 - ✓ Samagraha Siksha Abhiyan is a central-government scheme to bridge gaps in society by promoting education opportunities to all sections
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- **Tamil Nadu Agricultural University - ranked eighth among the 67 agricultural institutes in the country in the Indian Council of Agriculture Research (ICAR) ranking for 2020 that was released on December 4.**
 - ✓ National Dairy Research Institute at Karnal in Haryana bagged the top spot for the fifth consecutive time, while Indian Agriculture Research Institute in New Delhi bagged second place.
 - ✓ Last year too, Tamil Nadu Agricultural University was ranked eighth.

- **GoFloaters, a Chennai-based startup - has won the Best Innovation Award at the Open Innovation Challenge organised by Tamil Nadu Startup and Innovation Mission (Tansim) of Tamil Nadu government**
- ✓ The startup received the award for providing innovative solutions to the problems faced by the Coimbatore City Municipal Corporation to improve the pace of Covid-19 vaccine distribution.
- ✓ Minister for rural industries T M Anbarasan handed over a certificate of merit and cash award to founder-cum-CEO Shyam Sundar Nagarajan at an event in Chennai.
- ✓ The competition was conducted to address issues in vaccination booking by providing innovative technology-driven solutions.
- ✓ The startup has provided additional features for vaccination booking through missed call, scanning QR code and booking through WhatsApp
- ✓ While 20 startups were identified for the competition, GoFloaters was adjudged the winner.
- ✓ The ideas are, however, yet to be put in use by the Coimbatore Corporation, which follows a conventional booking system, where people have to visit vaccination camps an hour before the camp starts.
- ✓ GoFloaters, founded in 2018, is an on-demand workplace booking platform that connects professionals who do not have a permanent office and people offering office on rent on daily and monthly basis.

NATIONAL

- **On December 4, Prime Minister Narendra Modi - inaugurated seven projects and laid foundation stones for 11 others, cumulatively worth ₹18,000 crore in Uttarakhand**



- ✓ This is his second visit to poll-bound Uttarakhand in the span of a month
- ✓ During the event, the PM laid the foundation for the ₹8,600 crore Delhi-Dehradun Expressway economic corridor and inspected the model of the project
- ✓ According to the PM, the 175-km-long highway will not only cut travel time between the two cities from six to two and a half hours, but also benefit residents of Muzaffarnagar, Meerut, Haridwar, Shamli and Baghpat

- ✓ It will have Asia's largest wildlife elevated corridor (12 kilometres) for unrestricted wildlife movement
 - ✓ Besides, the corridor will have multiple animal passes in the Ganeshpur-Dehradun section for avoiding animal-vehicle collisions.
 - ✓ The PM laid the foundation stone for another greenfield alignment project, to be constructed at a cost of over ₹2,000 crore, from Delhi-Dehradun Economic Corridor, connecting Halgoa, Saharanpur to Bhadrabad and Haridwar
 - ✓ It will provide seamless connectivity and reduce travel time from Delhi to Haridwar as well.
 - ✓ The Dehradun - Paonta Sahib (Himachal Pradesh) road project, to be constructed at a cost of around ₹1700 crore, will reduce travel time and provide seamless connectivity between the two places.
 - ✓ Prime Minister also laid the foundation stone for the Child Friendly City Project, Dehradun, to make the city child friendly by making the roads safer for their travel.
 - ✓ He also inaugurated seven projects, including those which focus on making travel safer by tackling the problem of chronic landslides in the region
 - ✓ The 120 MW Vyasi Hydroelectric Project, built over River Yamuna at a cost of over ₹1700 crore, was also launched, along with a Himalayan Culture Center at Dehradun
 - ✓ The Prime Minister also inaugurated the State of Art Perfumery and Aroma Laboratory (Centre for Aromatic Plants) in Dehradun.
 - ✓ The research done here will prove useful for production of a variety of products including perfumes, soaps, sanitizers, air fresheners, incense sticks etc., and will lead to establishment of related industries in the region as well
- **India – has reported four cases of Omicron variant of Covid-19 as on December 4, 2021**
- ✓ On December 2, the country reported its first two cases of the Omicron variant of SARS-CoV-2 from Karnataka
 - ✓ One of them came from South Africa – the first country to report Omicron last month – whereas the second individual is a Bengaluru doctor without any travel history
 - ✓ Both were males of age 66 years and 46 years and both were fully vaccinated
 - ✓ The 66-year-old South African national reached Bengaluru on November 20 and tested positive, while the 46-year-old doctor tested positive on November 22.
 - ✓ The WHO described Omicron as a “variant of concern” on November 26.
 - ✓ Meanwhile, Maharashtra and Gujarat reported a case each of the Omicron variant of Covid-19 on December 4.
 - ✓ One, a 33-year-old man from Mumbai’s Dombivli who had travelled to South Africa last month and the other a 72-year-old Zimbabwe resident visiting his native Jamnagar.
 - ✓ This takes India’s tally of confirmed Omicron cases so far to four.

- ✓ South Africa detected the B.1.1.529 variant, named Omicron after the 15th letter of the Greek alphabet.
- ✓ The countrywide vaccination drive in India was rolled out on January 16, 2021
- **The central government - has given its go-ahead for the production of over five lakh AK-203 assault rifles at the Korwa unit in Amethi district of UP.**
- ✓ The rifles will be manufactured in partnership with Russia
- ✓ The 7.62x39mm caliber AK-203 rifles will replace the in-service INSAS rifle, which was inducted over three decades ago
- ✓ With an effective range of 300 metres, AK-203 modern assault rifles are lightweight, robust and easy to use.
- ✓ AK-203 assault rifles will enhance the operational effectiveness of the Indian Army in counter-insurgency/counter-terrorism operations.
- ✓ The project would be implemented by a special purpose joint venture called Indo-Russian Rifles Private Ltd (IRRPL).
- ✓ The joint venture is between Advanced Weapons and Equipment India Ltd and Munitions India Limited of India, and Rosoboronexport and Kalashnikov of Russia.
- ✓ The project will provide business opportunities to various MSMEs and other defence industries for the supply of raw material and components, which will lead to job creation.
- **On the occasion of Navy Day, the world's largest national flag - has been exhibited by the Western Naval Command at the Naval Dockyard in Mumbai, overlooking the iconic Gateway of India, on December 4**



- ✓ The national flag weighing 1400kg, measuring 225 feet in length and 150 feet in width, was conceptualised and manufactured by the Khadi and Village Industries and Commission
- ✓ This was done under Azadi ka Amrit Mahotsav, an initiative to celebrate 75 years of Independence.
- ✓ Navy Day is celebrated to mark 'Operation Trident' of India's naval forces, which was launched after Pakistan's Air Force targeted airfields in western India on December 3

- ✓ On December 4 1971, India declared war on Pakistan with the Indian Navy launching Operation Trident and sank two Pakistani Navy ships - Khyber and Muhafiz- off the Karachi coast.
- ✓ For the first time India deployed anti-ship missile during the India-Pakistan war of 1971
- ✓ The operation Trident was followed by operation Python, which was launched to prevent mingling of Pakistan Navy with Indian merchant ships
- ✓ Earlier during the British rule, Indian Navy Day was celebrated on October 21, coinciding with the Royal Navy's Trafalgar Day
- ✓ This year, the Navy Day is celebrated under the theme - Indian Navy – Combat Ready, Credible and Cohesive

AWARDS

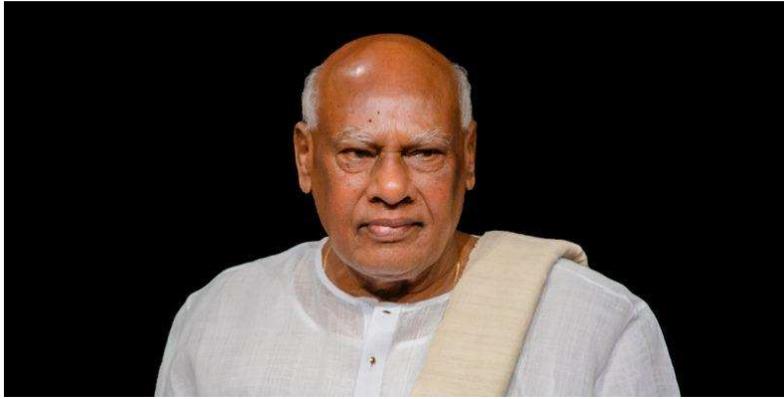
- **Eminent Indian-American mathematician Nikhil Srivastava - has been jointly selected for the inaugural \$5,000 Ciprian Foias Prize for their work in Operator Theory by the American Mathematical Society (AMS).**



- ✓ Along with Srivastava, who teaches at the University of California, Berkeley, the two other awardees are Adam Marcus and Daniel Spielman.
- ✓ The award recognises their “highly original work” that introduced and developed methods for understanding the characteristic polynomial of matrices, namely the iterative sparsification method (also in collaboration with Batson) and the method of interlacing polynomial
- ✓ Together, these ideas provided a toolkit with many applications, notably in the trio’s breakthrough paper which solves the famous “paving problem” in operator theory set in 1959.

OBITUARY

- **Former Governor of Tamil Nadu and former Chief Minister of the unified State of Andhra Pradesh K Rosaiah - passed away in Hyderabad on December 4**



- ✓ He was a senior Congress leader, and his political career spanned over half a century.
 - ✓ Rosaiah's political journey had begun in 1968 as an MLC.
 - ✓ A disciple of Swatantra Party leader N G Ranga, Rosaiah joined the Congress party and was a four-term member of the state legislative council in 1968, 1974, 1980 and 2009
 - ✓ He was twice elected a member of the legislative assembly of the undivided Andhra Pradesh in 1989 and 2004 from Chirala assembly constituency in Prakasam district.
 - ✓ He was also elected a Member of Parliament (MP) from Narsaraopet parliamentary constituency in 1998.
 - ✓ Rosaiah was appointed as the CM of Andhra Pradesh on September 3, 2009, after the death of then CM Dr Y S Rajashekara Reddy in a chopper crash on September 2
 - ✓ His brief tenure as the CM was till November 24, 2010, after making way for YSR's son Y S Jagan Mohan Reddy
 - ✓ Rosaiah had the unique distinction of presenting the State budget for 15 times
 - ✓ After he resigned as the CM, he was appointed as the 23rd governor of Tamil Nadu on August 31, 2011, and went on to serve the state till September 1, 2016.
 - ✓ While serving as Governor of Tamil Nadu, he was also given additional responsibility as Governor of Karnataka between July and September 2014, when Governor H. R. Bhardwaj's term ended in June 2014.
 - ✓ The J Jayalalithaa-led AIADMK government was in office during his tenure.
 - ✓ After his five-year term as the Tamil Nadu Governor ended, he retired from active politics and returned to his home in Hyderabad.
- **Veteran journalist Vinod Dua (67 years) – died in Delhi following a chronic liver disease on December 4**
- ✓ A pioneering television journalist, Dua started his career with Doordarshan in the black and white era and went on to make his mark in the digital space in the decades that followed
 - ✓ Vinod Dua's health had suffered ever since he contracted Covid in June and he had been in and out of hospitals.



- ✓ He was a pioneer in Hindi broadcast journalism who started his career with “Yuva Manch”, a programme for the youth on Doordarshan.
- ✓ But it was the election analysis he co-anchored with Prannoy Roy on Doordarshan in 1984 that brought him real acclaim.
- ✓ Much later, Dua hosted the popular food programme “Zaika India Ka” for NDTV that saw him exploring distinct food cultures of different cities and towns in India.
- ✓ He also anchored “Jan Gan Man Ki Baat” for The Wire Hindi.
- ✓ Dua, who had a degree in English literature from Hans Raj College and later obtained his master’s degree in literature from the University of Delhi, had won many laurels over the years.
- ✓ In 2008, he was honoured with the Padma Shri for journalism.
- ✓ He was also the first electronic media journalist to receive the Ramnath Goenka Excellence in Journalism Award.

SPORTS

- **New Zealand’s Mumbai-born bowler Ajaz Patel - created history by becoming only the third bowler in Test cricket to take all ten wickets in an innings**

ECSTASY & AGONY FOR NEW ZEALAND	
 <p>SPINNER'S TENTACLES ▼ 47.5-12-119-10 Ajaz Patel becomes 3rd bowler in Test history, first outside home country & first left-arm spinner, to take all 10 wickets in an innings</p> <p>▼ Emulates the feats of English offie Jim Laker (vs Aus, Manchester, 1956) and Indian leg-spinner Anil Kumble (against Pak, Delhi, 1998-99)</p> <p>▼ Patel is the first bowler to bag 10 wickets in the first innings of a Test. In 1st-class cricket, the last bowler to take all 10 in the 1st innings of a match was Debasis Mohanty for East Zone vs South in 2001. His victims included India's current head coach</p>	<p>Rahul Dravid & VVS Laxman</p> <p>ALL GONE FOR 62 ▼ New Zealand all out for 62, the lowest Test score by any team on Indian soil. Previous lowest was 75 by India, vs West Indies at Ahmedabad, 1987-88</p> <p>▼ This was the sixth lowest total by New Zealand in Tests. The nation holds the record for the lowest score by any team, 26 against England at Auckland, 1954-55</p> <p>INDIA'S SA TOUR ON ▼ BCCI decides tour will go ahead despite Covid scare. Date shifted to Dec 26, T20 series put off</p>

BEST BOWLING FIGURES IN TESTS					
		AGAINST	VENUE	YEAR	
JIM LAKER	ENG	10-53	AUS	OLD TRAFFORD	1956
ANIL KUMBLE	IND	10-74	PAK	DELHI	1999
AJAZ PATEL	NZ	10-119	IND	MUMBAI	2021
GEORGE LOHMANN	ENG	9-28	SA	JOHANNESBURG	1896
JIM LAKER	ENG	9-37	AUS	OLD TRAFFORD	1956
MUTTIAH MURALITHARAN	SL	9-51	ZIM	KANDY	2002
RICHARD HADLEE	NZ	9-52	AUS	BRISBANE	1985
ABDUL QADIR	PAK	9-56	ENG	LAHORE	1987
DEVON MALCOLM	ENG	9-57	SA	THE OVAL	1994
MUTTIAH MURALITHARAN	SL	9-65	ENG	THE OVAL	1998

- ✓ The 33-year-old Patel, whose parents emigrated to New Zealand in 1996, finished with astonishing figures of 47.5-12-119-10.
 - ✓ He achieved the incredible feat against India in the second test at the Wankhede Stadium in Mumbai on December 4
 - ✓ Ajaz emulated the feat of Jim Laker (England) and India's Anil Kumble, who took 10/56 at Old Trafford against Australia in 1956 and 10/74 against Pakistan in New Delhi in 1999 respectively
 - ✓ With the record, Patel has become the first visiting bowler and the third to produce a ten-wicket haul in Test annals.
 - ✓ He is also the first bowler to bag all ten wickets in the first innings of a Test match.
 - ✓ Patel's figures are the best by a New Zealand bowler in Tests, surpassing the 9 for 52 by Richard Hadlee against Australia at Brisbane in November 1985
- **Four-time World champion Magnus Carlsen - defeated Russian challenger Ian Nepomniachtchi in a lengthy skillful tactical game lasting 136 moves in the World Chess Championship match at the Expo 2020 Dubai.**



- ✓ The sixth game between the two started on December 3 and went on to finish past midnight on December 4, lasting seven hours and 40 minutes.

- ✓ This was the longest game in the history of the championship, overtaking the 124-move draw between Anatoly Karpov and Viktor Korchnoi at the 'Battle of Baguio' in the Philippines in 1978.
- ✓ This is the first win of the 2021 FIDE World Chess Championship, after five draws in the championship that will feature 14 games for a €2 million prize fund
- ✓ With the victory, the deadlock of drawn games was broken as the reigning world champion took the lead by $3\frac{1}{2} - 2\frac{1}{2}$

