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**CHANGANASSERY, KERALA**



SCIENCE

ARTS

TECHNOLOGY

SPORTS

# BERCHLY

## E WEEKLY

PREPARED BY

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## SCIENCE

### Kerala to become 100% renewable energy-based State by 2040: Chief Minister

*(December 07, 2022)*

The State to soon come out with a new ESG-focused industrial policy, which specifies incentives to promote responsible industrial production. Chief Minister Pinarayi Vijayan releases the World Bank report on Climate Change at the India Climate and Development Partners meet, in Thiruvananthapuram on Wednesday. Kerala aspires to become a 100% renewable energy-based State by 2040 and net carbon neutral by 2050, Chief Minister Pinarayi Vijayan has said.

Read more at:

<https://www.thehindu.com/news/national/kerala/kerala-to-become-100-renewable-energy-based-state-by-2040-chief-minister/article66235685.ece>



### International Civil Aviation Day observed on 7th December

*(December 7, 2022)*

On December 7, International Civil Aviation Day is observed globally. The aviation industry has made a huge impact on our lives. The day is observed by the International Civil Aviation Organisation (ICAO), a United Nations (UN) body responsible for maintaining the international standards for aviation safety. The day is celebrated to acknowledge how flights have made the world more accessible and travelling easy,

Read more at:

<https://currentaffairs.adda247.com/international-civil-aviation-day-observed-on7th-december/>



# Gautam Adani, 2 other Indian billionaires on Forbes Asia Heroes of Philanthropy list

*(December 6, 2022)*

Billionaires Gautam Adani, HCL Technologies's Shiv Nadar, and Happiest Minds Technologies' Ashok Soota are the three Indians who have been named in the 16th edition of Forbes Asia's Heroes of Philanthropy list which was released on Tuesday. Conglomerate Adani Group chairman Gautam Adani was listed for having pledged ₹60,000 crores (\$7.7 billion) when he turned 60 in June this year with the pledge making him one of India's most generous philanthropists. The money will address healthcare, education, and skill development and will be channelled through the family's Adani Foundation, which was founded in 1996.

Read more at: <https://www.livemint.com/news/world/gautam-adani-2-other-indianbillionaires-on-forbes-asia-heroes-of-philanthropy-list-11670306427357.html>

# Veena Nair wins Australian Prime Minister's Prize for Excellence in Science Teaching

*(December 7, 2022)*

Melbourne-based Indian-origin science teacher Veena Nair has received the Prime Minister's Prize for Excellence in Science Teaching in Secondary Schools. Ms Nair has been awarded for "demonstrating the practical application of science to students and how they can use their



skills to impact the world." Read more at: <https://www.theaustraliatoday.com.au/veena-nair-wins-australian-prime-ministers-prize-for-excellence-in-science-teaching>

# NITI Aayog And GIZ India Hold National Conclave On Soil Health Management For Sustainable Farming

*(December 7, 2022)*

NITI Aayog organized a national conclave on soil health management for sustainable farming on the occasion of the World Soil Day (December 5, 2022). The conclave was co-hosted by NITI Aayog and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH India on behalf of the German Federal Ministry for Cooperation and Economic Development (BMZ). The conclave brought together policymakers, the scientific community, civil society and sector advocates to understand key initiatives in India and globally. While delivering the keynote lecture, Union Minister of Agriculture and Farmers' Welfare Narendra Singh Tomar said, "The government is playing a pivotal role in encouraging measures to protect the environment.

Read more at: <https://orissadiary.com/niti-aayog-and-giz-india-hold-national-conclave-on-soil-healthmanagement-for-sustainable-farming/>



# ARTS

## International Lusophone Festival to be held in Goa

*(December 2, 2022)*

**Ministry of External Affairs (MEA)** in partnership with **Indian Council of Cultural Relations (ICCR)** and the Goa government will organize the **International Lusophone Festival** in Goa from 3-6 December. It will be inaugurated by the Chief Minister of Goa, Pramod Sawant at Durbar Hall in Raj Bhavan. Minister of State for External Affairs, Meenakshi Lekhi will be the Guest of Honour. AIR correspondent reports that Lusophones are people that speak Portuguese as a native or as a common second language.

Read more at:

<https://currentaffairs.adda247.com/international-lusophone-festival-to-be-held-in-go/>



*Credited by:Sumit Arora*

## Priyanka Chopra among 4 Indians on BBC's 100 influential women list

*(December 07, 2022)*

Priyanka Chopra is among four Indians who have made it to BBC's '100 Women' list of influential figures of the year. She is the only Indian actor on the list which includes names like singer Billie Eilish, actor and disability activist Selma Blair and Hollywood icon Rita Moreno. The other three Indians on the list are aeronautical engineer Sirisha Bandla, Booker-winning author Geetanjali Shree and social worker Sneha Jawale.



Read more at: <https://www.hindustantimes.com/entertainment/bollywood/priyanka-chopra-among-4-indians-on-bbc-s-100-influential-women-list-101670386104083.html>



# South Korea's Mina Sue Choi Crowned Miss Earth 2022

*(December 8, 2022)*

South Korea's **Mina Sue Choi** was crowned **Miss Earth 2022** during the pageant's coronation night on November 29 at Cove Manila, Okada Hotel, **Parañaque City**. There were 86 Eco-warriors, and only three queens were awarded the pageant's three elements titles. **Miss Fire 2022** is Andrea Aguilera of Columbia, **Miss Water 2022** is Nadeen Ayoub of Palestine, and **Miss Air 2022** is Sheridan Mortlock of Australia. During the pre-pageant activities, Choi bagged a few medals too. She won resort wear, long gown, beach wear, and swimsuit competition.



Read more at: <https://currentaffairs.adda247.com/south-koreas-mina-sue-choi-crowned-miss-earth-2022/>

# First Sylhet-Silchar Festival celebrating Indo-Bangla ties opens

*(December 6, 2022)*

The first Sylhet-Silchar Festival celebrating the close cultural ties between the neighbouring regions of India and Bangladesh was inaugurated in Assam's Barak Valley on Friday. Being celebrated as a two-day festival, it coincided with the 75th year of India's independence and the 50th anniversary of the liberation of Bangladesh from Pakistan. In an attempt to boost bilateral relations between the two countries, the festival is being organized by the India Foundation under the aegis of the Union Ministry of Culture in association with the Bangladesh Foundation for Regional Studies.



*Credited by Express*

Read more at:

<https://www.newindianexpress.com/nation/2022/dec/03/first-sylhet-silchar-festival-celebrating-indo-bangla-ties-opens-2524612.html>



# TECHNOLOGY

## Elon Musk unveils SpaceX' new military 'Starshield' programme to thwart Russia's invasion

*(December 10, 2022)*

SpaceX, Elon Musk's space company, has unveiled a new satellite project that could be used to thwart Russia's invasion of Ukraine. The company's new Starshield programme will be used in the national security sector and will use the space firm's massive Starlink satellite technology.

Read more at:

<https://www.express.co.uk/news/science/1706530/elon-musk-spacex-starlink-starshield-military-programme-thwart-putin-russia-invasion>



*Credited at: Getty*

## ISRO and Social Alpha Sign MoU to Establish SpaceTech Innovation Platform

*(December 9, 2022)*

The Indian Space Research Organisation (ISRO) has signed a memorandum of understanding (MoU) with incubator and accelerator Social Alpha, to launch the SpaceTech Innovation Network (SpIN), focused on innovation curation and venture development for the space domain. The platform is the first of its kind in India, and is a unique public-private collaboration for startups and small-medium enterprises (SMEs) in the emerging space economy.

Read more at: <https://currentaffairs.adda247.com/isro-and-social-alpha-sign-mou-to-establish-spacetechnology-innovation-platform/>

# **SHE STEM 2022 encourages students to ‘Unleash their imagination’ as part of the Sweden India Nobel Memorial Week**

*(December 7, 2022)*

As part of the Sweden India Nobel Memorial Week, SHE STEM, the annual event to celebrate women in the fields of science, technology, engineering, mathematics, and sustainability, was successfully held for the third year in a row. The annual event is organised by the Embassy of Sweden in India in partnership with the Atal Innovation Mission, NITI Aayog, Government of India and the German Centre of Innovation and Research (DWIH New Delhi). Ambassador of Sweden to India H.E. Jan Thesleff, who also addressed the students via a video message said, “We are very happy to continue the tradition of SHE STEM – it is a flagship event of the Sweden-India Nobel memorial Week. Congratulations to all the winners of this year’s SHE STEM Video challenge.”

Read more at: <https://pib.gov.in/PressReleasePage.aspx?PRID=1880962>

# **Indian billionaires Gautam Adani, Shiv Nadar, and Ashok Soota part of Forbes Asia’s Heroes of Philanthropy list**

*(December 6, 2022)*

Indian billionaires Gautam Adani, Shiv Nadar, and Ashok Soota, as well as Malaysian-Indian businessman Brahmah Vasudevan and his lawyer wife Shanthi Kandiah, found a place on the 16th edition of Forbes Asia’s Heroes of Philanthropy list, which was published on Tuesday. According to [Forbes](#), the unranked list “highlights top altruists in the Asia-Pacific region who demonstrated a strong personal commitment to philanthropic causes.”



*Credited by: Forbes*

Read more at:

<https://www.opindia.com/2022/12/indian-gautam-adani-shiv-nadar-ashok-soota-forbes-list/>





## SPORTS

### Sydney McLaughlin-Levrone among Female Athlete of the Year finalist

*(December 8, 2022)*

**Sydney McLaughlin-Levrone**, who twice broke the 400m hurdles world record this year, is among five finalists for World Athletics Female Athlete of the Year. McLaughlin-Levrone is joined by Nigeria's **Tobi Amusan**, who broke the 100m hurdles world record en route to the world title; Jamaica's **Shelly-Ann Fraser-Pryce**, who won her fifth world 100m title; Peru's **Kimberly Garcia**, who swept the 20km and 35km race walk world titles, and Venezuela's **Yulimar Rojas**, who broke her own triple jump world record and swept the indoor and outdoor world titles.



Read more at: <https://olympics.nbcsports.com/2022/11/14/world-athletics-athlete-of-the-year-finalists/>

### Aditya Mittal becomes India's 77th Grandmaster

*(December 8, 2022)*

[Aditya Mittal earned his maiden GM-norm at Serbia Masters 2021](#). Five months later, he scored his second GM-norm at 2nd El Llobregat Open 2021. The teenager scored his third and final GM-norm at Serbia Masters 2022. In the sixth round of 3rd El Llobregat Open 2022, he drew with the Spain no.1 GM Francisco Vallejo Pons to cross 2500 in the live ratings and become India's 77th Grandmaster. Aditya has been close to 2500 for quite some time in the past few months, however, he finally managed it cross it last night.

Read more at: <https://www.chessbase.in/news/Aditya-Mittal-becomes-Indias-77th-Grandmaster>

# AFC Asian Cup 2027: India withdraws bid, to focus on grassroots development

*(December 6, 2022)*

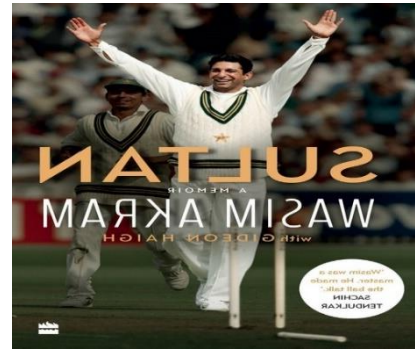
The All India Football Federation (AIFF) has officially withdrawn its bid to host the AFC Asian Cup 2027 in India, the AIFF and Asian Football Confederation (AFC) jointly notified on Monday." The Executive Committee of the All India Football Federation has decided to withdraw its bid to host the AFC Asian Cup 2027. As per the strategic Roadmap of the Federation, which will be announced later this month, the AIFF management thinks the hosting of big events doesn't fit into the Federation's strategic priorities.

Read more at: [https://www.business-standard.com/article/sports/afc-asian-cup-2027-india-withdraws-bid-to-focus-on-grassroots-development-122120600141\\_1.html](https://www.business-standard.com/article/sports/afc-asian-cup-2027-india-withdraws-bid-to-focus-on-grassroots-development-122120600141_1.html)

# HarperCollins is proud to announce the official autobiography of one of the greatest fast bowlers in the history of cricket

*(December 7, 2022)*

For twenty years, Wasim Akram let his cricket do the talking – with his electrifying left-arm pace, his explosive striking as a batsman, and his inspirational leadership. For another twenty years, he kept his own counsel about his cricketing days – full of drama, controversy and even mystery – in a country, Pakistan, that to outsiders is a constant enigma. *Sultan* tells the story of cricket's greatest left-arm bowler, and one of its enduring survivors, who was chosen from the streets of Lahore and groomed by Imran Khan to become champion of the world.



Read more at: <https://www.prnewswire.com/in/news-releases/harpercollins-is-proud-to-announce-the-official-autobiography-of-one-of-the-greatest-fast-bowlers-in-the-history-of-cricket-854369430.html>

# World Cup 2022 - Argentina survive Dutch rally to win after shootout and set up Croatia semi

*(December 9, 2022)*

Match report as Emiliano Martinez saves two penalties to ensure Argentina make it into World Cup last four; Niguel Molina's strike and Lionel Messi's penalty put Argentina on course for victory, before substitute Wout Weghorst scored two late goals to send the game into extra-time. Two titans of the league lock horns on Saturday night, 178 days since last season's NBA Playoff Finals, as the Boston Celtics, currently operating as the league's best team, and the Golden State Warriors, led by Stephen Curry, face off.

Read more at: <https://www.fifa.com/fifaplus/en/watch/66evf9qAjJh9fF7GeYBmtd>