

CM unveils Forest Martyrs memorial in Raipur



STAFF REPORTER RAIPUR

To mark the occasion of the National Forest Martyrs Day, Chhattisgarh Chief Minister Vishnu Deo Sai on Wednesday unveiled a Forest Martyrs memorial at Rajiv Smriti Van in Raipur.

The Chief Minister said the day was filled with emotions as "we remember the brave martyrs who sacrificed their lives while protecting forests, natural resources and wildlife"

Forest and Revenue Ministers planted saplings. The Chief of Forest Forces, V. Srinivas Rao, All India Forest Officers Federation President Satish Mishra and Chairman Digvijay Singh were among those present.

Cong delegation to meet Governor today

Deteriorated law and order situation in the state



STAFF REPORTER RAIPUR

A delegation led by PCC chief Deepak Bajj will on Thursday meet Chhattisgarh Governor Ramen Deka to draw his attention to the

faltering law and order situation in the state. The Congress, citing several incidents of crime including the Balodabazar arson and mob lynching in Arang, has alleged that the government had failed in

controlling the soaring crime. Women in the state were not secure and the state had witnessed a gang rape in Raigarh. There was also a case of molestation attempt at a Bhilai school festifies, a Congress spokesperson said.

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The party wants the governor to take action against the government.

Rs 15 lakh ex-gratia to kin of factory accident victims



STAFF REPORTER AMBIKAPUR

Four labourers were killed and three others injured in the incident that took place last Sunday. Meanwhile, following instructions from the Chief Minister, the Surguja Collector constituted an investigation team to probe the incident.

The compensation will be handed over by the company to the families on September 12 in the presence of government officials. The administration is checking the safety measures at the plant. It has been made clear that the plant will not resume operations without the prior approval of the authorities.

An alumina company in Surguja where an industrial accident killed four workers will provide compensation of Rs 15 lakh

Statewide checkup of children below-6 yr from today

STAFF REPORTER RAIPUR

As part of the National Nutrition Month, authorities in Chhattisgarh will hold a drive from September 12 to 23 to conduct checkups of children under the age of 6 at Anganwadis across the state.



They will record the children's weights and heights in the Nutrition Tracker App to ascertain the status of malnutrition in the state.

nutrition education, hygiene, better administration, transparency and efficient service delivery. Priority is being given to pregnant women, lactating mothers, adolescent girls and malnourished children. Pregnant women and children are encouraged to get food at least twice a day at Anganwadi centres. They are provided nutrition kits, food, supplements, and more to help them recover under various schemes and initiatives.

This year's Nutrition Month activities themed around anaemia, growth monitoring, supplementary nutrition,

Two children with hearing impairment get renewed life

STAFF REPORTER BALODA BAZAR

Two five-year-old boys, Bhanu Nishad and Aaru Sahu, suffering from hearing impairment since birth have got a new lease of life after getting cochlear implants. An official communiqué said on Wednesday that they received aid under the National Child Health Programme Chirayu.



deaf from birth. Both families are financially weak, and could not afford the treatment, he said. The operation on both children was performed free of charge under this scheme. They are recovering well.



Kathak dancers from across Chhattisgarh mesmerise audiences on the fifth day of the 39th Chakradhar cultural festival in Raigarh district on Wednesday.

CM Sai elected President of CG Archery Association



STAFF REPORTER RAIPUR

The Chief Minister said he has had the opportunity to participate in several events organized by the Association by accompanying Arjun Munda, the President of the National Archery Association. He commended the Association's diligent efforts in refining the skills of Chhattisgarh's archers, leading to their outstanding performances in national and other competitions.

"Archery is a favourite sport among tribal communities in Chhattisgarh. The Pahadi Korwa, a particularly vulnerable tribal group in Jashpur, has been exceptional archers since ancient times, using bows and arrows for hunting", he said. At a General Assembly meeting of the Association held at Sai's residence, he said: "It is a matter of honour to be elected unanimously as the President. I extend my heartfelt gratitude to all of you."

Chief Minister Vishnu Deo Sai was on Wednesday unanimously elected the new President of the Chhattisgarh Archery Association.

Minister opens All India Wrestling Competition



STAFF REPORTER RAIGARH

Chhattisgarh Finance Minister O.P. Choudhary launched the All India Wrestling Competition at the 39th Chakradhar cultural festival in Raigarh district on Wednesday. A total of 275 wrestlers from across the country are participating.

On this occasion, Choudhary said authorities are laying out an action plan to promote wrestling and give wrestlers more opportunities to help them progress. He praised the District Administration and the Wrestling Association for the well-planned organisation of the competition. Choudhary also honoured international-level referees Ajit Mann from Delhi and Yashveer Singh Dhaka from Haryana by presenting them maces. The Chakradhar festival is celebrated to honour Maharaja Chakradhar Singh, who was a great patron of music and dance. The festival was started in 1985.

Table with 3 columns: Sr. No., Name, and Amount (Lakh). Lists beneficiaries of a scheme with their details and the amount received.



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PAPER WITH PASSION

Presidential debate showdown

In a heated TV debate, Harris and Trump present sharply contrasting visions on issues like healthcare and economy

The 2024 presidential race is shaping up to be one of the most intense and polarised in US history. At the forefront of this political battle is a head-to-head TV debate between two defining figures—Vice President Kamala Harris and former President Donald Trump. Their exchange, filled with sharp contrasts in policy, tone, and vision for America, laid bare the deep ideological divide within the nation. Vice President Kamala Harris took the stage emphasising unity, justice, and inclusivity. Known for her dynamic speaking style and sharp prosecutorial background, she framed her narrative as one that focuses on healing America's divisions while pushing for progressive reforms. Harris reiterated her commitment to building a more equitable society, focusing on issues such as healthcare reform, boost to small businesses, climate action, and women's rights to make choices about themselves. One of her most resonant points during the debate was her advocacy for women's reproductive rights, which she positioned as not just a women's issue but a fundamental human right. However, Harris's challenges lie in overcoming the perception of being too liberal for moderate voters.



On the other hand, Donald Trump, came out swinging with a populist message centred on nationalism, economic protectionism, and anti-establishment rhetoric. Trump focused on border security, economic growth, and energy independence, tapping into the concerns of many rural and working-class Americans who have felt left behind in the evolving global economy. At one point in time, he called Harris a Marxist implying her left-of-centre agenda. Trump's ability to connect with his base through a straightforward

approach remains his powerful asset. His rhetoric around deregulation and America-first policies resonated with voters who see him as a champion of their economic interests. However, in most of the debate, he looked less confident and defensive, unlike his debate with Joe Biden where he was more aggressive. Besides, he was floored by Kamala's facts that he was criticised by his staff and even Republicans including Dick Cheney were rooting for her. His handling of key issues like the COVID-19 pandemic and the January 6 Capitol riot also came up in the debate which further receded his confidence and put him on the backfoot. The big question is who resonates more with the people and who would eventually win. Right now, it looks like a fair competition but with Kamala having a slight edge, though it would be folly to disregard Trump's fanbase and constituency which is proactive and loud. Many of the cherished goals of Kamala like climate action, Israel policy, and Gun policy do not go down well with many Americans who would be looking up to Trump as their representative. Trump, continues to resonate with a significant portion of the American population—particularly white, rural, and working-class—who feel disconnected from the progressive direction the country has taken in recent years. His simplistic ideas may not work but they do sway people.

PICTALK



Low clouds cover the mountains after rainfall, in Shimla, PTI

Alzheimer's: Early detection is the key

Thanks to the new technology, early detection with accuracy of Alzheimer's is now possible which can lead to better outcomes through timely interventions

Alzheimer's disease is one of the most challenging neurological disorders, affecting millions globally. It is characterised by progressive memory loss, cognitive decline, and behavioural changes. While the disease is often associated with older adults, the importance of detecting it in its early stages cannot be overstated. Early detection allows for timely intervention, which can slow down the progression of the disease, offering patients more years of quality life. Moreover, early diagnosis empowers individuals and their families to plan for the future, make informed decisions, and access the latest treatments.

One of the key advantages of early detection is the ability to begin treatment when the brain is still relatively healthy. Current medications, while not a cure, work best when started early. They can help manage symptoms like memory loss and confusion. Additionally, lifestyle changes such as regular exercise, cognitive therapy, and a healthy diet can have a more significant impact when implemented during the early



stages of Alzheimer's.

Researchers are now focused on identifying the disease's biomarkers before significant memory problems arise, providing a window of opportunity for early intervention. Beyond medical benefits, early detection has psychological and social advantages. It allows patients to maintain independence for a longer period, reduces anxiety associated with uncertainty, and provides clarity to families about caregiving responsibilities. Detecting Alzheimer's in its early stages has become a critical aspect of managing the disease effectively. With the advent of advanced diagnostic tools like CLEIA, early detection is now more achievable than ever.

Agappe Diagnostics in collaboration with Fujirebio Holdings of Japan, has made a groundbreaking advancement in India's healthcare sec-

tor by introducing Chemiluminescent Enzyme Immunoassay (CLEIA) technology. This development is a monumental step forward in the indigenous manufacturing of cutting-edge diagnostic tools, specifically designed for early detection of critical diseases like Alzheimer's, Cancer, and Gastrointestinal disorders. "We have long standing productive relations with India that are all set to further strengthen and flourish," said Takashi Ariyoshi, deputy chief of Japanese embassy in India. CLEIA, an evolved version of the widely recognized Chemiluminescent Immunoassay (CLIA), merges the sensitivity of chemiluminescence detection with the precision of enzyme immunoassays. This powerful combination allows for the accurate detection of low concentrations of biomarkers, making it a game-changer in early diagnosis. In the case of Alzheimer's, early identification of disease-specific biomarkers can significantly slow down cognitive decline by enabling timely interventions, including medications and lifestyle changes.

In modern In-Vitro Diagnostics (IVD), CLEIA plays a crucial role not just in early detection but also in disease progression monitoring and guiding personalized treatment. These aspects are particularly relevant in Alzheimer's care, where early diagnosis opens the door to medical treatments and cognitive therapies that can prolong independence and improve quality of life. This technology is a significant leap in advancing immunoassay technology in India. Through this partnership, cartridge-based CLEIA systems have been developed and launched, supporting the healthcare system with advanced, locally manufactured diagnostic tools. Besides, beyond Alzheimer's, CLEIA is instrumental in detecting cancer markers at an early stage, significantly improving survival rates for patients. The Inod-Japanese partnership underlines the benefits of the "Make in India" initiative, reducing dependency on imports in critical healthcare technologies. (The writer is a senior journalist; views are personal)

Who will emerge victorious in Haryana's upcoming assembly polls?

Will the ruling BJP retain the state, or will the resurgent Congress seize the opportunity to win? The nation is watching as the results of the impending polls in Maharashtra, Jharkhand, Jammu, and Kashmir will shape these states' future and significantly impact the national political landscape. Haryana is gearing up for a diverse, multi-cornered contest with 90 seats.

The main competition is between the BJP and the Congress. Still, other parties like AAP, Samajwadi Party, CPI(M), and Haryana Lokhit Party are also in the field, adding diversity to the electoral dynamics. The BJP, JJP, and Azad Samaj Party (Kanshi Ram) have allied with Dushyant Chautala as their chief ministerial candidate. At the same time, the INLD and BSP have chosen Abhay Singh Chautala as theirs.

The BJP and Congress have not declared their chief ministerial faces, but former chief minister Bhupendra Singh Hooda is leading the battle for Congress. The new BJP chief minister, Saini, is leading the BJP. Both parties are facing internal problems. In the case of the BJP, Minister Ranjit Singh Chautala and MLA Lakshman Dass Napa left the party after being denied tickets. Other prominent figures and district leaders resigned after not being considered for tickets. During seat-sharing discussions with its coalition partner AAP, Congress leaders in Haryana, including Hooda, are willing to concede only a few seats.

The Congress, led by former chief minister Bhupendra Singh Hooda, is optimistic about returning to power after a ten-year gap. The party is strategically wooing the Aam Aadmi Party (AAP) and the Samajwadi Party for an alliance. Meanwhile, Delhi Chief Minister Arvind Kejriwal is facing allegations of involvement in a liquor scam. The Haryana polls are crucial. The BJP wants a third term, while the Congress aims to regain power. Other



regional parties are also vying for a share of power. In the 2019 Lok Sabha polls, the BJP won all ten seats.

In 2024, it only secured five seats, with the Congress taking the other five. In the 2024 Lok Sabha polls, the BJP, lacking the majority, formed the government with the help of JD(U) and Telugu Desam. Before 2014, the BJP was a minor player in Haryana. Only after the 2014 Lok Sabha elections, the party gained momentum. In 2019, the BJP formed a government with 40 seats, just six short of the majority. Dushyant Chautala's Jannayak Janta Party (JJP), which won ten seats, supported the BJP. However, JJP recently ended its alliance with the BJP.

In Haryana, the BJP's vote share decreased from 58.2% in 2019 to 46.11% in 2024. This was mainly due to the farmers demanding a legal minimum support price (MSP) guarantee. In 2024, the INDIA bloc, a coalition of regional parties and Congress surpassed the BJP's vote share. In March, BJP replaced Chief Minister Manohar Lal Khattar with Nayab Singh Saini. The new Chief Minister has introduced welfare schemes, promised to fill government job vacancies,

THE CONGRESS, LED BY FORMER CHIEF MINISTER BHUPENDRA SINGH HOODA, IS OPTIMISTIC ABOUT RETURNING TO POWER AFTER A TEN-YEAR GAP. THE PARTY IS STRATEGICALLY WOOING THE AAM AADMI PARTY (AAP) AND THE SAMAJWADI PARTY FOR AN ALLIANCE

and aims to leverage the Jat issue. However, the BJP does not have Jat's support. Also, Saini's short six-month tenure has limited his impact.

The Congress is upbeat after doubling its Lok Sabha seats in the 2024 Lok Sabha polls. Congress focuses on joblessness, inflation, farmer's issues, and the controversial Agniveer scheme. The party is preparing its manifesto based on public suggestions, which includes welfare schemes like a Rs 6,000 pension for old-age people and 300 units of free electricity. The party also counts on 452,000 first-time voters and 4.09 million young voters. Congress aims to unite the opposition votes, while the BJP seeks to divide them strategically. AAP has some influence in border areas of Haryana. Congress leader Rahul Gandhi is trying to keep the Indian coalition intact.

The AAP has agreed to fight in five seats. There are rumblings in the Congress, too. The Congress is facing factional fights. It is divided into two groups led by Hooda and Kumari Saini. The party tries to satisfy both factions, but Hooda holds more influence because of his previous role as chief minister. Turncoats and relatives of former chief min-

isters are in the Congress list of candidates.

The BJP is facing a tough battle in Haryana. Current polls indicate that the party may win fewer seats. BJP's weaknesses are the absence of strong leadership at the state level and a compelling counter-narrative against the Opposition charges. Prime Minister Modi, who leads the party's campaigns, has not addressed any election rallies yet. The Congress must work on complacency, internal conflicts, and a need for more organisation. The BJP faced rebellion after the candidate list was announced, and some influential people like Ranjit left the party.

Too many ticket aspirants could diminish the party's prospects. Ultimately, the arithmetic will determine Congress's victory. Also, the unity of the INDIA coalition is essential. If lucky, the BJP may minimise damage by securing a respectable number of seats, leading to a potentially significant outcome. Congress should avoid mistakes and take everybody along. Otherwise, it will miss a golden opportunity.

(The writer is a popular columnist; views expressed are personal)

LETTERS TO THE EDITOR

MAMATA IN THE DOCK

Madam — West Bengal Governor C.V. Ananda Bose has urged Chief Minister Mamata Banerjee to comply with Article 167(c) of the Indian Constitution by informing Raj Bhavan of all decisions made by the state cabinet. This request comes in the wake of the public outcry following the gruesome rape and murder of a woman doctor at Kolkata's R.G. Kar Medical College and Hospital.

A statement from the Governor's office, issued, emphasized that under Article 167, it is the Chief Minister's duty to provide the Governor with details of all cabinet decisions relating to the state's administration and any proposed legislation. The statement also reminded the Chief Minister that updates should be provided on matters discussed by the cabinet, especially when a minister's decision was not taken into consideration by the cabinet. The Governor's office criticised the state administration and law enforcement, stating that public perception had condemned their actions in this case.

The statement outlined several concerns, including misinformation given to the victim's parents, alleged tampering of the crime scene, delays in filing the FIR, and the hasty disposal of the body despite the parents' request for more time. Furthermore, it noted that the transfer and reappointment of the Principal of the hospital raised suspicions about the state's intentions, as did the Kolkata Police's alleged attempts to cover up the crime scene tampering. The statement added that civil society and the courts had strongly reprimanded the law enforcement agencies for their handling of the case, particularly regarding the events following the discovery of the victim's body. Kolkata calling shots.

Dorai Ramani Suresh | Ghaziabad

COURTS MUST BRING DOWN PENDENCY

Madam — The time has come for the judicial think tank to put the house in order. The job of the Judges are becoming a thankless one while going by their contin-

GST relief for the middle class



The 54 GST council meeting held under the finance minister Nirmala Sitharaman has brought some important relief to the middle class with deduction of tax cuts on sev-

eral items and services apart from cancer drugs. The middle class are burdened with penumbra of taxes on GST, results in upsetting the household budgets. Over the past few years, the taxes are being added up consistently, but the economic stature of the common man in the country are still the same. The banking sector in the country are grappling with cash crunch as the saving capacity of the people have gone down of inflationary spike. The Centre's gross GST collection for FY24 stood at Rs.20.18 lakh crore but the condition of economically crumbling the non BJP states should also be improved and their GST share must be settled. The recommendation to constitute GOM to reduce GST from eighteen percent on health and insurance services seems reasonable and boost up these two sectors if implemented by October.

Janga Bahadur Sunuwar | Jalpaiguri

LACK OF PHYSICAL ACTIVITY IN INDIA

Madam — The GDP of any country, alongside other factors, depends on the physical health of its citizens. However, a modern sedentary lifestyle is common, and government intervention is needed to encourage physical activity. A national survey revealed that over 200 million Indians are physically inactive, with 155 million adults and 45 million adolescents failing to meet WHO guidelines.

The joint study by Dalberg Advisors and Sports and Society Accelerator found that 48% of older adults believe they are too old for physical activity, and 45% think sports are unsafe for girls. Misconceptions, such as physical exertion being harmful to menstruating women or affecting marriage prospects, contribute to the gender gap in physical activity. Women, especially in urban areas, spend 75% of their active time on household chores, leaving little time for exercise.

Yash Pal Raihan | Jalandhar

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FIRST COLUMN

GOD HAS THE SOLUTION

All we have to do is to take His shelter and remain in it



AJIT KUMAR BISHNOI

A famous oncologist was being interviewed on television. He was asked by a reporter about the causes of cancer. The doctor replied, "It is over stress mainly." Every time this matter came up, the oncologist emphasized the over stress reason. And we know what over stress is. It is mostly caused by cyclic thinking. We get into some problem and keep on thinking about it. Surely, worry results. The solution has to come from other sources. Aren't we extremely limited in what we know? But we refuse to accept this fact. I will recite three examples of when I found answers provided by God when I was in trouble, and only God could help. Beginning with my nature to fear excessively, I was suffering. One day I prayed sincerely for relief. Suddenly, a thought came that the Bhagavad-Geeta may have a solution.

Didn't Gandhiji turn to this book of eternal wisdom whenever he was faced with some problem? I looked for a knowledgeable person, and located one who was well-versed in the Geeta. I explained my problem. He referred me to verse #2.40, which is, "Neither there is a waste of effort here nor there is opposite effect. Even a little of this Karma-yoga protects one from great fear." This is what I was looking for. The next question was about karma yoga. What does this imply? He explained that all activities about God come under it. He cited examples of praying, having darshan, doing namaskar to God, chanting God's names or some mantra like Ohm and thanking God for favours done. They seemed simple enough and I got started. A connection was made with God. Sure enough, God got interested in me. I began to get intuitions. For example, I had been suffering from headaches mainly in the forehead part



for quite some time. I prayed for help. I got a feeling that I should go to Hanuman Mandir in Connaught Place, New Delhi. I did and prayed there sincerely for guidance and help. While returning, I felt that God was asking me to bring Him to my forehead. I was very excited and checked with my spiritual guide.

He confirmed that this is a bona fide process, as the 'ajna (agya) chakra' is located there. I began doing it and astonishingly I was beginning to get some relief. After practice for a few days, the persistent headache was gone. Since then I have been fortunate to not be so troubled by it. I recounted my experience to my spiritual guide. He told me that God is very pleased with me and giving guidance. Another headache appeared, which was only on the right side. I tried everything but there was no relief. Somehow, I had an inkling to look up various choices in Crocin. There was one with caffeine. My sixth sense, which is the same as God's guidance was to take it. Sure enough, there was relief. What happened? I had to know. I had stopped drinking green tea just before getting this strange headache. This tea had caffeine. Now I knew what the connection was. Only God could have known it, and He did. I was suffering headaches due to caffeine withdrawal. Another trouble arose due to the use of a nasal spray.

One spray and I began to feel uneasiness. When I got ready to use it another time, as prescribed, I was feeling quite troubled. Surely, I looked up its composition; it had steroids. God had prevented more damage from happening to me. All we have to do is to take His shelter and remain in it. The question is: why don't we? It is a very slow process. One must have good Sanskars to get started on this journey. Otherwise, one will not get started. Fortunately, I was blessed to have them. Lord Krishna has promised it, "Having My consciousness, you will cross all impediments by My grace." (18.58) This culminates in liberation from the painful cycle of birth and death when God releases us from all sins. (18.66) However, this will take several births after we get started. (6.45) I am counting upon it.

(The writer is a spiritual teacher; views expressed are personal)

The making of Kerala's catastrophe

Despite warnings from experts about the perils of unchecked quarrying and deforestation in the Western Ghats, successive governments failed to act, leading to Wayanad disaster



KUMAR CHELLAPPAN



S K Pottekkat, who could be rated as India's best travelogue writer has elaborated on his 1955 visit to Finland. "The country's area is 1,30,119 sq miles out of which 71 per cent is forests. Finland's main source of income is the pine trees grown in its forests. But to get permission from the government to cut down a single pine tree, one has to furnish proof that he has planted six pine saplings," writes Pottekkat in his memoirs.

He was a delegate to the World Peace Council meeting held in Helsinki, the capital city. In 2024, despite a massive industrialisation drive, the country has the tenth highest percentage of forest cover in the world. Pottekkat hailed from Kozhikode, the neighbouring district of Wayanad.

Once the region was full of evergreen forests filled with exotic trees, plants and flowers. Folklore is that the tribal youth who led a team of Englishmen to Wayanad was shot dead by the visitors to ensure that no more outsiders entered the fertile landscape.

But Wayanad has become a teardrop since 30 July 2024 as landslides and flash floods struck the district in quick succession swallowing hundreds of people and their houses. Pinarayi Vijayan, the chief minister, has asked the Centre to release Rs 2,000 crore as the first instalment towards the rescue, rehabilitation and reconstruction mission to be undertaken by the Government of Kerala.

He also blamed the Centre for its failure to provide the exact date, time and place of the natural disaster and has vowed to establish the State's early warning system for floods, landslides and heavy rainfalls. Vijayan will outclass the best of the entrepreneurs in the skill of mobilization of resources for the Chief Minister's Disaster Relief Fund.

All media briefings by Vijayan end with him announcing the details of persons who have contributed to the CMDRF in the aftermath of landslides and deluge that devastated Wayanad. But what stands out is the generous offer made by High Range Rural Development Society,



PINARAYI VIJAYAN, THE CHIEF MINISTER, HAS ASKED THE CENTRE TO RELEASE RS 2,000 CRORE AS THE FIRST INSTALMENT TOWARDS THE RESCUE, REHABILITATION AND RECONSTRUCTION MISSION TO BE UNDERTAKEN BY THE GOVT OF KERALA

a non-governmental organisation, which came forward to build houses for all those who lost their dwelling places in the flash floods. According to the Kerala Government's estimate, 500 homes were washed away by the gushing waters. The HRDS told the Government that it would rebuild/construct 500 safe and secured houses each of 700 sq ft and costing Rs 10 lakh free of cost.

The NGO also told the government that it would help the landslide victims to set up group farming so that they could earn a reasonably fair monthly income. All the 500 houses to be constructed by the HRDS will feature self-contained guest rooms which could be rented out as part of the homestay programme. But Vijayan and his comrades are cold to the offer. The Centre has asked Vijayan to submit details of the losses suffered in nature's fury and how the State would go ahead with the rehabilitation and reconstruction. Though the disaster struck nearly a month ago, the Government has yet to come out with the details of the losses. In the aftermath of the 2018 floods, Vijayan had demanded Rs 40,000 crore as flood relief which included Rs 20,000 crore to rebuild the roads washed away in the deluge.

But senior officials who took stock of the situation once the flood water receded had told that roads could be rebuilt with Rs5,800 crore. As part of mitigating future floods, Vijayan accompanied by an entourage of relatives (including his five-year-old grandson) and senior bureaucrats undertook a junket to the Netherlands.

But there is no end in sight for the floods in Kerala. There is no need to search for the

reason behind the landslides and floods in Wayanad and other places in the State. Prof Madhav Gadgil, a noted environmentalist who headed the Western Ghats Ecology Expert Panel (WGEEP) had told the State Governments not to disturb the ecology and environment beyond the current level.

The team of experts had found to their horror that quarrying and sand mining of unprecedented level were taking place with official connivance across the length and breadth of Western Ghats and this included Wayanad. In 1986, this writer shot a television documentary on the Wayanad district for Doordarshan.

There were no resorts or star hotels those days anywhere in the district. The District Collector Raveendran Thampi had been sanctioned one room as his camp office in the low power transmitter station of the Doordarshan at Kalpetta. Immediately after nature's fury in July 2024, Prof Gadgil said that the disaster was a man-made one and was waiting to happen at any time. "Wayanad has no more space for resorts, quarries and sand mining," said Prof Gadgil immediately after the landslides and flash floods.

But what the chief minister said in his briefing was shocking. "The Gadgil committee report is a big joke and one need not take it seriously," said Vijayan. The committee of experts led by Prof Gadgil toured the entire Western Ghats region and they were shocked by the kind of quarrying, mining and deforestation that was happening in the region. Prof Gadgil had described the Western Ghats region as the Water Tower of peninsular India.

Vested interests including religious groups are exploiting Wayanad to the hilt and this

made the committee ask the authorities to stop herewith the constitution of special economic zones and reschedule reservoir operations to downstream flows. More than what the Gadgil Committee had said in its report, what Prof T P Kunhikannan, a CPI(M) activist, had said about the report is significant.

A thorough study by Kunhikannan has proved that Prof Gadgil's suggestions should be accepted in toto by the authorities concerned. "The Church is campaigning against Gadgil Committee findings to save its commercial interests. There is nothing anti-people or anti-minorities in the report," said Prof Kunhikannan in his studies "Gadgil Report and Kerala's Development".

The top echelons of the Church read pastoral letters asking the laity to stage demonstrations across the country against the report as it was anti-minority," said Kunhikannan. No purpose will be served by subjecting the Wayanad disaster to another academic analysis. The Church sabotaged the Gadgil committee report by terming it as anti-development, anti-farmers and anti-people.

Through a series of pastoral letters (which were read out during Sunday Mass), the clergy unleashed a blitzkrieg against the WGEEP report. The then union government appointed another committee headed by G Kasturirangan, former ISRO chairman, to "examine" the feasibility of Gadgil's findings. Kasturirangan did his masters proud by diluting the WGEEP report and that was the death warrant of Wayanad.

(The writer is special correspondent with The Pioneer; views are personal)

India's green hydrogen revolution: Paving the way for a sustainable energy future

Green hydrogen is emerging as a powerful alternative fuel, offering a clean and versatile energy source produced through renewable means

The entire world grapples with the dire consequences of climate change and desperately searches for sustainable and clean energy sources. Green hydrogen, a powerful alternative fuel produced using renewable energy, has emerged as a viable alternative.



ARIF AGA

Now, in India, the green hydrogen revolution is gaining momentum, with the government, private sector, and start-ups playing pivotal roles in positioning the country as a global leader in this transformative technology. In recent years green hydrogen, produced through electrolysis powered by renewable energy sources like solar and wind, has gained significant attention.

The National Hydrogen Energy Roadmap, introduced in 2006, marked the first formal effort by the government to explore hydrogen's potential in India. Since then, technological advancements and a growing commitment to renewable energy have laid a solid foundation for the green hydrogen revolution. India faces immense pressure to decarbonize its energy systems

due to its heavy dependence on fossil fuels and huge carbon emissions. Green hydrogen can serve as a versatile energy carrier, with applications ranging from industrial processes and transportation to power generation and storage.

Unlike grey or blue hydrogen, which is produced from fossil fuels and involves carbon emissions, green hydrogen is entirely clean, thus aligning with global sustainability goals. India's vast renewable energy resources, particularly solar and wind, make it an ideal location for large-scale green hydrogen production.

The International Energy Agency (IEA) has noted that India's renewable energy capacity could provide the

low-cost electricity needed for green hydrogen production, potentially making it one of the most cost-effective producers in the world.

Recognizing the strategic importance of green hydrogen, the Union Government has implemented a series of policy measures to promote its development and adoption.

To make the country a global hub for green hydrogen production and export, the Indian government launched its ambitious National Hydrogen Mission in 2021. The mission focuses on creating demand in various sectors, ensuring supply chain resilience, and supporting research and development in hydrogen technologies. Key policy incentives include



subsidies and financial support for pilot projects, the development of hydrogen hubs, and mandates for industries to use green hydrogen in their operations. This proactive approach has started giving positive results now. However, there is a need to create a robust regulatory framework to facili-

tate the use of hydrogen as a fuel in multiple sectors, including refining, fertilisers, and transportation. India's commitment to achieving net-zero carbon emissions by 2070, as announced at the COP26 summit. Green hydrogen is expected to play a crucial role in this journey by decarbonizing hard-to-abate sectors like steel, cement, and petrochemicals.

The transition to green hydrogen could also reduce India's dependence on imported fossil fuels, enhancing energy security and providing a significant economic boost. Indian conglomerates and big private businesses have been quick to recognize the potential of green hydrogen

and are making substantial investments in this area. Investments are being made for setting up hydrogen production units and integrating hydrogen fuel cells into transportation. Start-ups in the energy sector are also focusing on developing and deploying electrolyzers, creating robust hydrogen storage solutions, and innovating in the transportation sector with hydrogen fuel cell technology.

International collaborations will be instrumental in bringing global best practices to India and accelerating the green hydrogen revolution. India has actively sought to collaborate with Germany, Japan, Australia, and the European Union, forging partnerships to develop joint

ventures, share technology, and build capacity.

The green hydrogen revolution in India represents a unique opportunity to transform the country's energy landscape and lead the global transition towards a sustainable future.

With strong government support, proactive efforts by the private sector, and dynamic innovation from start-ups, India embarks on a journey to become a green hydrogen powerhouse. To achieve the target of net-zero emissions, green hydrogen would play a pivotal role in shaping India's energy future and driving global sustainability efforts.

(The writer is director, SgurrEnergy India; views are personal)

Rupee settles flat against US dollar

DGCA issues eVTOL guidelines

PTI ■ NEW DELHI
The rupee witnessed range-bound trade and settled for the day on a flat note at 83.98 (provisional) against US dollar on Wednesday as the support from the lower level of crude oil prices and soft US dollar was negated by a weak trend in domestic equities.

Forex traders said significant corrections in asset classes like the dollar index and crude oil prices supported the rupee, while a negative trend in domestic equities and concerns over global economic growth capped the upside.

At the interbank foreign exchange market, the local unit moved in a narrow range. It opened at 83.97

against the American currency and touched an intraday high of 83.93 and a low of 83.98 against the American currency. The rupee finally settled for the day at 83.98 (provisional) against the US dollar.

On Tuesday, the rupee depreciated 3 paise to close at 83.98 against the American currency. "Indian rupee continued to remain range-bound stuck in a 83.90-84 range supported by active interventions from RBI at lower levels along with declining crude oil prices also capping the upside in same," said Maneesh Sharma, AVP - Commodities & Currencies, Anand Rathi Shares and Stock Brokers.



Sharma further noted that rupee's minimal volatility is also attributed to the Reserve Bank of India (RBI) maintaining long-term

83.90-84.10 in the week ahead with minimal volatility with cues from US CPI & ECB interest rate decision in coming days to provide further direction to currency pair," Sharma added.

Meanwhile, the dollar index, which gauges the greenback's strength against a basket of six currencies, was down 0.23 per cent to 101.39 points.

Brent crude, the international benchmark, was trading higher by 2.44 per cent to USD 70.88 per barrel in futures trade.

Forex traders said crude oil level of USD 70 per barrel will act as a support for the domestic unit as India, the world's third-largest oil importer, stands to benefit from cheaper oil.

PTI ■ NEW DELHI

Aviation regulator DGCA has issued guidelines for airworthiness certification of electric aircraft that are capable of taking off and landing in a vertical manner. An advisory circular outlining the baseline airworthiness criteria for the type certification of Vertical Take Off and Landing Capable Aircraft (VCA) has been issued.

These aircraft are powered by an electrical system and are known as eVTOLs.

"This significant step aims to streamline the certification process and ensure the safety and reliability of emerging eVTOL technologies in India," the Directorate General of Civil Aviation (DGCA) said in a release on Wednesday.

The advisory circular provides comprehensive



safety requirements on the design, construction, structural strength, flight performance, equipment, power plant installation, flight crew interface and other information required for type certification of eVTOL aircraft. The latest move is part of efforts to promote advanced air mobility solutions. DGCA said the initiative also aligns with global efforts to standardise eVTOL certification and encourages innovative efforts by the Indian industry in developing/ manufacturing eVTOL and its components.

Last week, the regulator issued an advisory circular on vertiports that are to be used for eVTOL aircraft operations.

Market pullback: Sensex, Nifty down

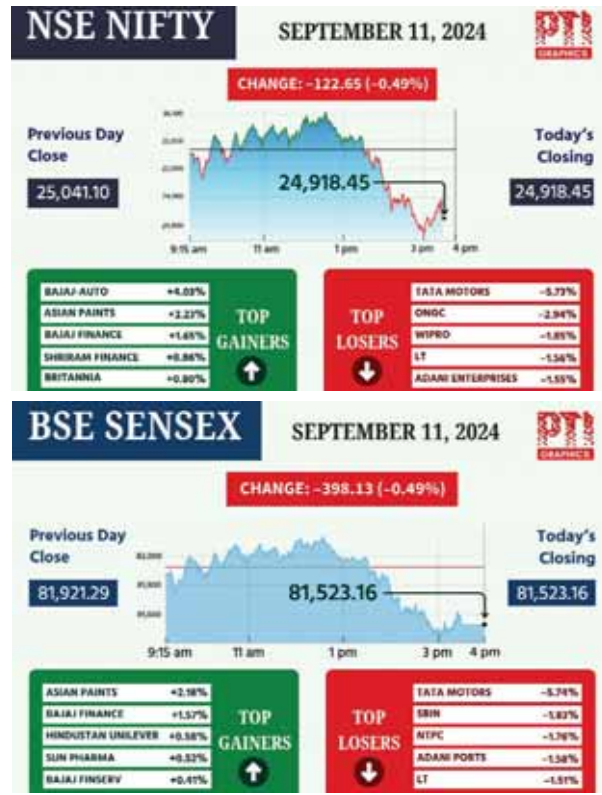
India aims to become global aviation hub: Naidu

PTI ■ MUMBAI
Benchmark Sensex reversed its early gains to close lower by 398 points while broader Nifty slipped below the 25,000 mark due to selling in Tata Motors, Reliance Industries and L&T amid weak global trends.

In a volatile trade, the 30-share BSE Sensex dropped 398.13 points or 0.49 per cent to settle at 81,523.16. The index opened higher and touched the day's high of 82,134.95 points in the mid-session. However, selling pressure emerged in the pre-close session and the index tanked 498.15 points or 0.60 per cent to hit a low of 81,423.14.

The NSE Nifty declined 122.65 points or 0.49 per cent to 24,918.45. Among the 30 Sensex firms, Tata Motors was the biggest loser, tumbling nearly 6 per cent, followed by NTPC, Adani Ports, Larsen & Toubro, State Bank of India, JSW Steel, Mahindra & Mahindra, IndusInd Bank and Titan. In contrast, Asian Paints, Bajaj Finance, Hindustan Unilever and Bajaj Finserv were among the gainers.

"The domestic market experienced a minor consolidation in line with



Asian peers due to correction of commodity prices like crude which has collapsed to USD 70 per barrel. "Market sentiment remained cautious due to the slowdown in the Chinese economy. Investors await the release of the US

PIONEER NEWS SERVICE ■ NEW DELHI
Highlighting the aviation sector's growth potential, Union minister K Ram Mohan Naidu on Wednesday said efforts are on to make India a global aviation hub as well as to start manufacturing aircraft in the country.

With Asia-Pacific region poised to lead global aviation growth, Naidu said strategic investments in infrastructure and collaboration amongst the regional stakeholders is critical to achieving sustainable growth across the sector.

Speaking at the second Asia Pacific Ministerial Conference on Civil Aviation in the national capital, Naidu emphasised on three elements infrastructure, integration and innovation for the sector's growth. "My ministry is working with the vision of establishing a seamless aviation landscape in the country, integrating helicopters and seaplane operations alongside wide-body aircraft under the regional connectivity scheme UDAN," he noted.

India is one of the world's



fastest growing civil aviation markets and the fleet size of domestic carriers has increased to around 800 from 400 in 2014 while the number of domestic passengers climbed from 67 million to 152 million during the same period.

The number of operational airports have grown from 74 in 2014 to 157. "We have an ambitious plan of scaling this up to 350-400 airports by 2047," the civil aviation minister said. The country is also well-positioned to offer cost-effective and high quality MRO (Maintenance, Repair and Overhaul) services to domestic and international airlines, he noted. According to him, the government is



Uber Black returns to Mumbai

PTI ■ NEW DELHI

Ride-hailing app Uber on Wednesday announced the return of its upscale 'Uber Black' category in India, starting with Mumbai.

The move is a step towards addressing the growing preference of Indian customers towards premium offerings and Uber's ability to deliver a new standard of on-demand mobility in premium cars, the company said in a release.

"Uber brings Black back to India... Reintroduces its high-end category starting with Mumbai," the release said, adding that Uber Black allows for a personalised ride with customisable features like quiet mode, temperature control, and help with luggage.

Riders will get to enjoy in-car amenities and on-trip preferences, ensuring consistently high-quality experience, it added.

"We are thrilled to bring Uber Black back in an all new avatar to meet the evolving aspirations of Indian customers and introduce the business class of back seats on Indian roads," Prabhjot Singh, President, Uber India and South Asia, said.

As India's leading multimodal mobility service, Uber endeavors to cater to the full spectrum of riders, from those seeking affordable rides on two-wheelers or three-wheelers to those who desire a truly well-appointed experience in premium vehicles, Singh added.

Arunachal to add 12,500 MW of hydropower capacity in two years says Deputy CM

APSEZ to develop multipurpose berth at Kandla Port

PTI ■ ITANAGAR
Arunachal Pradesh Deputy Chief Minister Chowna Mein said hydropower projects with a combined installed capacity of 12,500 MW in the state will commence operations in the next two years, according to a statement issued on Wednesday.

The projects will be taken up by CPSUs, including NHPC, NEEPCO, THDC and SJVN, he said during the Solung festival celebrations at Roing in Lower Dibang Valley district on Tuesday, it said.

Five such projects will commence next year, while three each will be taken up in 2026 and 2027, Mein was quoted as saying in the official communiqué.



"These will meet the power needs of the state as well as the nation and will foster rapid economic development in the state," the deputy chief minister said, adding that large dams would also bring multiple benefits to the state as they are all multipurpose projects.

"We will not only harness power from these projects

The revenue accrued from the hydropower projects in the state will benefit the young generations, he said.

The deputy chief minister claimed that the government is also committed to develop small hydro projects in border villages of the state.

"These hydro projects will benefit remote villages, defence personnel and military set-up stationed in far-flung areas," he said.

Mein also highlighted the state government's initiatives to boost economic activities, including advancements in the tourism sector through the construction of the 218-kilometre Assam-Arunachal railway line passing through the sacred pilgrimage site of Parsuram Kund.

PTI ■ NEW DELHI

Adani Ports and Special Economic Zone (APSEZ) on Wednesday said it has signed a concession agreement with DPA to develop Berth No 13 at Deendayal Port, Kandla, Gujarat.

APSEZ has incorporated a wholly-owned subsidiary, DPA Container and Clean Cargo Terminal Limited (DPACCCTL) that will carry out operations at the berth it said in a statement.

Berth will handle multipurpose cargo and is expected to be commissioned in FY27.

In July 2024, APSEZ had received the LOI for the development, operation and maintenance of the berth for a 30-year concession period. According to the statement, APSEZ will develop the berth under DBFOT (Design,



Build, Finance, Operate, and Transfer) model for multipurpose clean cargo, including container cargo.

Berth No. 13 is 300 metres long and offers 5.7 MMT capacity annually.

It is likely to be commissioned in FY27.

APSEZ CEO and whole-time director Ashwani Gupta said,

"Berth No. 13 will diversify our presence at Deendayal Port. We will now handle the multipurpose clean cargo at the port, in addition to dry bulk cargo that we already handle."

"The statement said the berth will further consolidate the company's position on the western coast and enhance its

Apple drops prices in India with the launch of 16 series

Honda collaborates with IITs on AI technologies

ABHI SINGHAL ■ NEW DELHI
Apple on Monday has launched their new iPhone 16 series in India and markets globally. For the first time the prices of the new iPhone have been cheaper by Rs 15,000 for the pro models (pro and pro-max) due to their manufacturing in India.

The Union Budget cutting of the customs duty on smartphones by 5% has also been a factor for the cheaper price of the imported models.

Apart Apple has also cut down the prices of their non-Pro models of iPhone 15.

In India, the iPhone 16, the entry level iPhone is priced at Rs 79,900 and the iPhone 16 Plus is available at Rs 89,900. Following these, the iPhone 16 Pro comes with a starting price tag of Rs 1,19,900 and the iPhone 16 Pro Max, will cost Rs 1,44,900 in the Indian

market. The 16 series of the iPhone will be the first series to have artificial intelligence as their game changer. With that Apple has introduced the new camera "shutter button" which is the addition of the Action button (previously exclusive to the Pro). The iPhone 16 and its Plus model are powered with Apple's latest A18 chipset, which uses second-generation 3nm technology. The A18 chip comes with a 6-core CPU, featuring 2 performance cores and 4 efficiency cores.

Apple has also cut down the prices of their non-Pro iPhone 15 models by Rs 10,000 in comparison with iPhone 16 with higher storage. The 15 series of the iPhones are short of the advanced features like Apple intelligence AI and the newly launched shutter button.



The iPhone 16 will still be cheaper in the US like before. The new iPhones are priced at \$799 (around Rs 67,000) with a starting price tag, whereas the iPhone 16 Plus is priced at \$899 (around Rs 75,500). The iPhone 16 Pro price starts at \$999 (around Rs 83,870) and the iPhone 16 Pro Max is priced at \$1,199 (around Rs 1 lakh) for iPhone 16 Pro Max

PTI ■ NEW DELHI

Japanese auto major Honda on Wednesday said it has started joint research on AI technologies with IIT Delhi and IIT Bombay with plans to develop driver assistance and automated driving technologies applicable in various regions of the world, including India.

The joint research is aimed to further advance Honda CI (Cooperative Intelligence)--the original Honda AI that enables mutual understanding between machines and people, the company said in a statement.

Honda Cars India Ltd (HCIL), a Honda subsidiary in India, will sign a joint research contract with the two IITs.

"The IITs are a home to a large number of excellent researchers and engineers,

and through the joint research with those institutes, Honda will strive to advance the underlying technologies of CI, with an eye toward the future applications for technologies that reduce traffic collisions and enable automated driving," it said.

With an aim to achieve further advancement of CI, Honda and IITs have set joint research themes such as recognition of the surrounding environment and cultivation of cooperative behaviour, and will conduct research and development while utilising the cutting-edge AI technologies, it added.

Under the partnership, for each research theme, Honda associates and IIT professors will engage with IIT students for planning, designing, developing and testing technologies which work



beyond the confines of the laboratory and thereby proceed with the research and development more flexibly and with a high degree of freedom, Honda said.

"This will enable Honda and IITs to work in a more flexible environment with deeper exchange of academic and industry insights," it added.

In addition, as part of this research, Honda with the help of IITs is aiming to conduct verification of driving assistance and automated driving technologies in the suburbs of Delhi and in Mumbai. Due to numerous variations in the road systems and a large number of road users, India has a complex traffic environment where situations that occur frequently are difficult for AI to predict.

