

MUSTREAD

10 students injured in road accident in J&K's Baramulla

**Srinagar:** At least 11 students of Army Goodwill School (AGS) were injured today after a mini bus hired by the school overturned at Ijara Pehlipora in Baramulla district of Jammu and Kashmir. The injured were rushed to the Government Medical College (GMC) Baramulla, said an official. "All injured students were immediately shifted to Government Medical College (GMC) Baramulla for treatment. Their condition is stated to be stable," he said. Police have taken cognizance of the incident and further investigation is underway.

Heavy landslide disrupts traffic near Old Kangra Ghat on National Highway

**Kangra:** A massive landslide near the Old Kangra Ghat on the Kangra Hoshiyarpur National Highway severely disrupted vehicular traffic, causing significant inconvenience to long-distance travellers late this evening. People heading towards Kangra were seen risking their lives by crossing the debris on foot, even as stones continued to fall intermittently from the hillside. According to reports, a major accident was narrowly averted when a truck driver approaching the landslide site sensed the danger and applied brakes just in time. As a result, vehicles were lined up on both sides of the road, leading to a traffic jam.

Shiv Sena leader urges Deputy CM Shinde to relax reservation rules for small plot holders

**Pune:** Anand Goyal, Pune city organizer of Shiv Sena today urged Deputy Chief Minister and Urban Development Minister, Eknath Shinde, to ease the mandatory reservation of "amenity space" for small plot owners, a rule that he claims is creating significant challenges for economically disadvantaged citizens seeking to build their homes. Goyal highlighted that even when a large plot of land is subdivided into smaller plots of less than 2 hectares, the rule requiring the reservation of amenity space based on the total land area recorded in the 7/12 extract still applies. He further argued that this rule has made construction on smaller plots both difficult and unaffordable for many.

Drone tech boost for fisheries underway: Govt

**New Delhi:** A prototype drone is being developed by ICAR-Central Inland Fisheries Research Institute (ICAR-CIFRI) for transportation of fish and shrimp from production centre to market with a capacity of 70 kg payload under Pradhan Mantri Matsya Sampada (PMMSY), the Government told Rajya Sabha today. Fisheries Research Institutes under Indian Council of Agricultural Research (ICAR) have initiated research programmes on drones and expanding its uses to collect water samples for analysis from open-water bodies and difficult terrains; distribution of feed and medicines into culture systems; biomass estimation; health monitoring, etc, said Union Minister of State, Ministry of Fisheries, Animal Husbandry and Dairying, George Kurian, in a written reply in Rajya Sabha. The Department of Fisheries has constituted a technical committee to formulate the Standard Operating Procedure (SoP) on application of drone technology in fisheries and aquaculture, said the Minister.

SP chief Akhilesh's reported meeting in a mosque create political row

**Lucknow:** Politics in Uttar Pradesh heated up today following a reported meeting held by Samajwadi Party (SP) chief Akhilesh Yadav inside a mosque near Parliament House in Delhi on Tuesday. Deputy CM Keshav Prasad Maurya hit out at the SP chief saying the party always violated the Constitution. "The Indian Constitution says we cannot use religious places for political purposes. They do not believe in the Constitution; they always remain Namaazwadi."

VS: The fighter, inquirer, learner and dreamer

**Thiruvananthapuram:** Passing away of former Chief Minister and Marxist stalwart V.S. Achuthanandan marks the end of a political era, defined by struggle, strife, and a relentless march toward Kerala's social progress.

AAP slams BJP's 'hollow claims' on waterlogging in Delhi

New Delhi (UNI)

In a role reversal for the BJP and the Aam Aadmi Party (AAP), the ruling saffron outfit is facing criticism on waterlogging in the national capital, with several leaders from the previous government, including former chief minister Atishi, questioning claims of the present dispensation.

The National Capital Region has been experiencing moderate to heavy rains for the past few days that has caused waterlogging in several areas, leading to massive traffic jams.

The AAP has questioned the Rekha Gupta-led government's planning.

"Chief Minister Rekha Gupta ji, where is your proper planning? You made big claims in the media about tackling waterlogging, but today, entire Delhi is drowning, and you're relaxing in your grand palace. The public is now swimming on the roads and inviting all BJP leaders to



join them for a swim," the AAP said in a statement.

The AAP's comments came as Delhi was lashed by rains that

went on for hours today, resulting in waterlogging at many places in the national capital, and disrupting the normal life.

Since roads were flooded, and residents posted videos of people swimming on them, the AAP reposted those videos on various social media platforms,

Former Delhi Chief Minister Atishi took a jibe at her successor, "Many congratulations to Chief Minister Rekha Gupta for starting so many swimming pools in Delhi."

AAP leader Saurabh Bhardwaj, commenting on the flooded roads, said, "free water sports".

Former AAP corporator Geeta Rawat, posted a video of herself in the middle of a submerged road, and asked where local "reel-making MLA" Ravinder Singh Negi was.

"This is the same NH 24 in Patparganj where you were rowing a boat two years ago. The boat is still rowing today. This means you have failed," she said in the caption.

UP CM Yogi Adityanath performs Rudrabhishek at Mansarovar Temple on Sawan Shivratri



Gorakhpur (UNI)

Uttar Pradesh Chief Minister Yogi Adityanath performed Rudrabhishek at the Mansarovar temple in Adhiyari Bagh on the occasion of Shravan Shivratri.

Observed on the Chaturdashi of Krishna Paksha during the holy month of Shravan, Shravan Shivratri is a significant day when devotees seek the blessings of Lord Shiva for health, happiness, and prosperity.

At the revered temple, the chief minister, who is also the Goraksha Peethadishwar (chief of cow protection) performed Rudrabhishek with water, cow milk, and sugarcane juice following an offering of sacred items, including Bilva Patra, lotus flowers, Durva grass, and other traditional materials.

A priest from the Gorakhnath Temple conducted the ceremony, reciting Mahamantras from the Rudrashtadhyayi of the Shukla Yajurveda Samhita. The chief minister also performed a havan and aarti, as Vedic chants echoed through the premises.

Keel Laying Ceremony of Yard 16401

New Delhi:

The keel-laying ceremony of Yard 16401, first of 06 Next Generation Offshore Patrol Vessel (OPVs) was held at M/s Mazagon Dock Shipbuilders Ltd (MDL), Mumbai on 22 Jul 25. The ceremony was presided over by DIG RH Nandodkar, TM, CSO (Tech), CGRHQ (NW), in the presence of A Vinod, Executive Director (Ship Building), MDL and other senior officials from the Indian Coast Guard (ICG) and MDL.

The contract for the construction of 06 Next Generation OPVs was concluded on 20 Dec 23. With a range of 5,000 nautical miles and measuring 117 meters in length having a strength of 11 officers

1st of 06NGOPV Indian Coast Guard



and 110 men, the ship will be capable of achieving a maximum speed of 23 knots. It will also feature state-of-the-art machinery and advanced technological systems, including

AI-based predictive maintenance systems, Remote Piloted Drones, Integrated Bridge System (IBS), and Integrated Platform Management System (IPMS). This ship is being indige-

nously designed, developed, and constructed by MDL under the Buy (Indian-IDDMM) category, in line with the Gol's vision of Aatma Nirbhar Bharat.

The project underscores India's commitment to self-reliance in defence production and will significantly contribute to strengthening the nation's strategic autonomy. This initiative marks a key milestone in ICG's ongoing efforts to enhance its operational capabilities and bolstering Coastal Security. The addition of new fleet of NGOPVs will further ensure strengthening the ICG's role in safeguarding India's maritime interests.

Now direct train service from Chandigarh to Udaipur

**Kurukshetra/Kaithal:** A much awaited dream for residents of Kurukshetra and Kaithal region has finally come true. 'Udaipur City -Chandigarh Dwisiki Dwishik Express' has got the approval of the Ministry of Railways.

Now this important train service will go directly to Chandigarh via Kurukshetra and Kaithal, which will benefit thousands of passengers.

This decision will not only make the journey of passengers easier, but will also open the doors of new possibilities in the field of regional tourism, trade and education. The expansion of the train will get direct rail connectivity from major cities like Ajmer, Chittorgarh and Udaipur to towns like Kaithal, Pihowa, Ladwa, Shahabad, Thanesar. There is a wave of happiness and enthusiasm in the area after the proposal was approved by the Ministry of Railways.

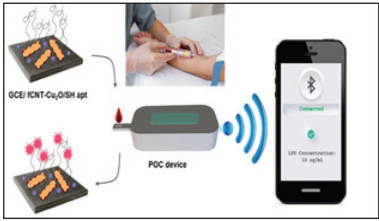
Indian scientists develop affordable nano-sensor to detect deadly infections in minutes

New Delhi (UNI)

A team of scientists from the Calicut-based National Institute of Technology under the Department of Science and Technology (DST) has developed a highly sensitive, low-cost, portable device for accurately detecting endotoxins that causes sepsis.

Sepsis is a serious medical condition caused by an infection that can lead to multiple organ failure, shock and even death. Early and accurate diagnosis is crucial for timely therapeutic intervention and improving patient outcomes, which in turn directly impact mortality rates. Early diagnosis is possible with the precise and sensitive detection of specific biomarkers.

Endotoxin, a toxic component of the outer membrane of Gram-negative bacteria, acts as a key biomarker, signalling the presence of an in-



fection that could lead to sepsis.

However, its detection could be easier now with the scientists developing eight distinct sensor architectures and a sensitive, low-cost, portable device that can be used at the bedside of the patient in near future, said a statement from the DST.

Seven of them developed by Dr. N. Sandhyarani, Professor, NIT and her team employed electrochemical detection and one utilized optical detection. "In all the sensors, appropriately modified nanomaterials

such as gold atomic clusters or nanoparticles, CuO, or Cu nanoclusters, MoS2, reduced graphene oxide, or carbon nanotubes were used for enhancing the sensitivity," said the statement.

In a paper published in the journal Langmuir, the team has demonstrated a highly sensitive electrochemical sensor chip designed for the selective detection of Lipopolysaccharide (LPS), which is compatible with a portable analyzer for on-site detection. The sensor is fabricated using functionalized CNT (fCNT) and copper(I) oxide nanoparticles (Cu2O).

The specific binding of endotoxin to LPS-binding Aptamers or polymyxin B was used to improve selectivity. All the sensors have exhibited high selectivity and detected endotoxin in the presence of other interfering compounds.

Dy CM Udhayanidhi Stalin to inaugurate IN2TN IP Conclave on July 30

Chennai (UNI)

Tamil Nadu Deputy Chief Minister Udhayanidhi Stalin will inaugurate the 1st "Innovate in Tamil Nadu (IN2TN) IP Conclave" here on July 30.

The Conclave "Intellectual Powerhouse: Transforming Tamil Nadu into the Innovation Capital of India" and hosted by Tamil Nadu Technology (iTNT) Hub aims to foster industry-Academia collaborations.

"Intellectual Property (IP) is the cornerstone for Deep Tech and Emerging Tech startups. Over the last three years, Tamil Nadu has been the leader in patent filing in India with 20,000+, mainly driven by Deep Tech innovations. IN2TN is curated to enhance IP awareness; facilitate tech transfer; promote IP commercialization; showcase innovations & encourage collabora-



tions," TN IT Minister Dr. Palanivel Thiaga Rajan said.

Detailing the highlights of the IP conclave, iTNT in an official release today said academia's role in pioneering cutting-edge technologies and preparing the next generation of innovators;

How corporates can leverage open innovation models to adopt new technologies; Exploring how emerging technologies can connect academia & industry, driving global innovation; Shed insights into evaluating patent strength as a critical factor for investment in deep-tech startups and explore latest developments in international intellectual property, key trends, challenges, strategies for effective IP protection, and commercialization.