

## Study warns of alarming surge in extreme rainfall across Goa

### Climate change expert cautions that with extreme rain doubling over a century, the State is set to face escalating climate-driven disruptions

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**PANJIM:** Rainfall in Goa has increased by over 60 per cent in the last 118 years — from 1901 to 2018 — according to **Rajiv Kumar Chaturvedi** (above), Associate Professor at BITS Pilani, Goa, and a leading expert in rainfall patterns and climate change. More significantly, his research shows that instances of 'exceptionally very high rainfall' have surged by more than 100 per cent during the same period. He also warned that such heavy

#### GROWING CLIMATE RISKS

- Rainfall in Goa has increased by over 60% from 1901 to 2018
- Exceptionally high rainfall events have more than doubled in the same period
- Goa's temperature has risen by 1°C in 100 years, higher than the national average
- Cyclonic activity in the Arabian Sea has increased by over 52%, very severe cyclones by 150%
- Sea level at Mormugao is rising at 1.45 mm per year, up by 0.48 feet in 100 years
- Goa has lower landslide risk due to better protection of the Western Ghats

#### RAINFALL CATEGORIES & TRENDS IN GOA (1901-2018)

- CATEGORY 1**  
● Normal to moderate rainfall  
● 2.5 mm - 64 mm/day  
→ Slight decrease in number of days
- CATEGORY 2**  
● Extreme rainfall  
● 65 mm - 124 mm/day  
→ Increased by over 60%
- CATEGORY 3**  
● Exceptionally very high rainfall  
● Above 124 mm/day  
→ Increased by over 100%  
● Poses serious challenges for the State



rainfall events are expected to rise further in the future. The study assumes tremendous significance in the light of unseasonal rain that lashed Goa for three consecutive days, throwing normal life off-gear

and causing destruction to property. Speaking to **O Herald**, Chaturvedi said he con-

ducted a study on climate change and rainfall patterns across the State using gridded data from the Indian Meteorological Department (IMD).

"The long-term data from stations in Margao, Dabolim, and Dona Paula is available. We analysed this gridded data and found that rainfall in Goa has substantially increased over the past 118 years," he said.

While rainfall data varies between stations, the overall trend is an increase.

He noted that inter-annual variability in rainfall has risen, especially since 1990, making long-term forecasting more difficult.

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## Two Israeli Embassy staffers shot dead in Washington DC

**AP, WASHINGTON:** Two staff members of the Israeli Embassy in Washington were shot and killed Wednesday evening while leaving an event at a Jewish museum, and the suspect yelled, "Free, free Pales-

tine" after he was arrested, police said.

The attack sent shockwaves around the world and prompted Israeli missions to beef up their security.

The two victims, a man and a woman, were leaving

an event at the Capital Jewish Museum when the suspect approached a group of four people and opened fire, Metropolitan Police Chief Pamela Smith said at a news conference.

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## Annual phenomenon: When it rains, it pours in Panjim market

### Shoppers, vendors continue to grapple with roof leakage, filthy toilets & waterlogged passages



**MAKESHIFT SOLUTIONS:** Some traders have used plastic sheets to cover the areas prone to water seepage in the Panjim municipal market. (Inset) the damaged portion of the roof

Team Herald

**PANJIM:** Each monsoon, the Smart City's municipal market turns into a nightmare for shopkeepers and visitors with its leaking roof, filthy toilets, and waterlogged passages.

Over the years, for shopkeepers, vendors and customers nothing has changed on ground as they continue to grapple with the situation at the market.

President of the Panjim Market Tenants Association, Rajendra Dhamaskar, said, "You should have come 10 minutes earlier."

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**Water accumulates inside the market during rains and is rarely cleared. The toilets are filthy, the roof sheets have fallen apart, and there's no proper drainage. Every year before the monsoon, I keep writing to the CCP (Corporation of the City of Panaji), but nothing changes - Rajendra Dhamaskar, president of the Panjim Market Tenants Association,**

**I've been covering my stall with a plastic sheet for three years now. If I didn't, all my goods would be ruined. The roof needs urgent repairs - Rizwan, a shopkeeper**

## ED 'crossing all limits', says Supreme Court

**PTI, NEW DELHI:** The Supreme Court's Thursday rebuke of the Enforcement Directorate for "crossing all limits" only adds to the tally of critical observations of courts on the "misuse" of the agency's powers.

A bench headed by Chief Justice B R Gavai made the

critical remark and stayed the money laundering probe against Tamil Nadu liquor retailer TASMAR in case of the illegal grant of wine shop licences.

"Your ED is crossing all limits," the CJ said Thursday.

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## Goa on orange alert for next two days

Team Herald

**PANJIM:** The India Meteorological Department, (IMD) Goa has issued an orange alert for the next two days.

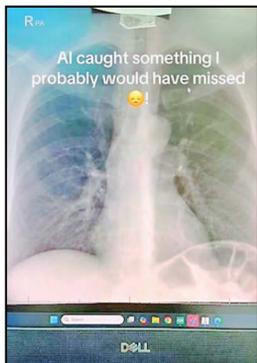
N P Kulkarni, Director of IMD Goa, said, "We have issued an orange alert for the next two days. This means that there will be heavy to very heavy rainfall at a few places. The intensity of the rainfall will be moderate to heavy. The wind speed will be 50-60 km per hour."

Meanwhile, due to heavy rains in Indra Nagar, Chimbale, a coconut tree fell on a taxi, causing substantial damage. Two of the four occupants sustained injuries.

Personnel from the Panjim Police and the Directorate of Fire and Emergency Services rushed to the spot and cleared the tree.

## Doc's video goes viral on 'losing job to AI', but is the threat real?

### Dubai doctor says AI reading scans in 10 seconds, something that took him 20 years to perfect; medical frat weighs in



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**PANJIM:** A video posted by Dr Mohammed Fawzi Katranji, a pulmonologist based in Dubai, has ignited a widespread discussion in the medical and technology communities about the future of artificial intelligence (AI) in healthcare.

In the now-viral video, recorded from his clinic just three days ago, Dr Ka-

trani expressed a stark concern: "I think I'm going to lose my job to AI." His statement came after he tested an AI-powered diagnostic tool capable of analysing chest X-rays to detect pneumonia. The AI tool not only matched his diagnosis but also identified an additional area of concern that he had initially missed. The brief yet compelling clip

raised urgent questions about the evolving role of human clinicians as AI tools become increasingly sophisticated.

Dr Katranji noted that it had taken him 20 years to learn how to read these scans, but AI did the same in seconds. His candid reflection resonated across social media, sparking both support and scepticism from medical professionals and the general public.

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**GOA CASHEW FEST 2025**  
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**Thank you Goa!**

From the very bottom of our hearts, we thank the incredible people of Goa for making Goa Cashew Fest 2025 - Season 3 a grand success!

Despite the unexpected rains, your spirit never wavered - you showed up in full strength, stayed through it all, and celebrated every moment with joy, pride, and enthusiasm. Your energy lit up the festival grounds and reminded us why Goa is truly special.

It is your love, support, and unshakable Goenkarponn that gave this festival its soul. You turned every challenge into a celebration and made this the most memorable edition yet. A special thanks to all participants, performers, vendors, media personnel, our venue partners and most importantly, the people of Goa, for embracing the festival with open arms and lively hearts.

Together, we have not only celebrated the richness of our cashew and feni heritage - we have built a movement that empowers, enriches, and explores the very essence of Goa.

We are committed to crafting an unforgettable festival experience for the people of Goa, and we strive to elevate and refine every edition to make it truly unique, more vibrant and memorable for all.

**See you all at Season 4!**