



Prez Joe Biden turns 80, making him the 1st octogenarian president in US history. Biden would be 86 by the time a second four-year term ends, should he win the election, **P 15**

Two Islamist militants on death row for killing Bangladeshi-American secular blogger Avijit Roy and his publisher, escape from a crowded court in Dhaka with the help of unidentified bikers, **P 15**

Telugu superstar Chiranjeevi has been declared Indian Film Personality of the Year at the 53rd edition of International Film Festival of India that opened in Goa, **P 14**

Campaigning for wife Dimple Yadav for Mainpuri Lok Sabha bypoll, SP chief Akhilesh Yadav shares stage with Shivpal Yadav for the 1st time in 6 years & touches his uncle's feet, **P 11**

Trump's Twitter handle is back up again after platform's new owner Elon Musk declares that the a/c will be reinstated after a poll backed the move. But ex-Prez sees no reason to return to Twitter, **P 15**

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Isro to launch Oceansat-3 & 8 nano satellites on Saturday

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New Delhi: Days after lifting off India's first privately-built rocket from Sriharikota, Isro is gearing up to launch its PSLV-C54-EOS06 mission that will carry Oceansat-3 satellite for ocean observation and eight nano-satellites, including one developed by Bhutan scientists, from the Indian spaceport at 11.56 on November 26.

The eight nano-satellites include those developed by Indian startups — India's first private earth imaging satellite 'Anand' developed by Bengaluru-based space startup Pixxel and Thybolt-1 and Thybolt-2 satellites of Hyderabad-based startup Dhruva Space. Switzerland's four Astrocast satellites from Spaceflight US are also among the eight nano satellites that will piggyback on Isro's primary payload Oceansat-3.

Oceansat-3 is the third in its set of ocean observation satellites that are part of Isro's Oceansat program. It is a multi-sensor observation satellite, expected to operate until 2027 and its objectives are gathering ocean colour data, sea surface temperature measurements and wind vector data. BhutanSat (aka INS-2B) is part of the Bhutan space programme being supported by Isro to promote India's space diplomacy. India had earlier set up an earth station for Bhutan to help it uplink and track satellite signals to give fillip to its communication and broadcasting sectors.

Space startup Pixxel India has planned a vast constellation of earth-imaging satellites that would continuously monitor every part of the world and beam high-resolution imagery and other data that can be used for a variety of applications related to climate change, agriculture, and urban planning. 'Anand' is the first of the series of satellites to be launched for the constellation programme. The PSLV-C54 is the 56th mission of the Polar Satellite Launch Vehicle.