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For Immediate Release-February 4, 2026

PRESS-RELEASE

Space on Wheels Brings India's Space Journey to Life at IIT (ISM) Dhanbad

The campus of IIT (ISM) Dhanbad is all set to host an extraordinary scientific experience as the “Space on Wheels” outreach bus from the National Remote Sensing Centre of the Indian Space Research Organisation has arrived to transform the way students and visitors engage with space science. Far more than a display vehicle, this vibrant mobile exhibition serves as a travelling museum of Indian space achievements, bringing rockets, satellites and planetary missions out of textbooks and into an immersive, real-world setting.

Stepping inside the bus feels like entering a compact universe of discovery. Visitors are greeted with working scale models of Indian launch vehicles, simulations of rocket launches, and detailed exhibits tracing the evolution of India's space technology. Models of satellites orbiting Earth and payload systems explain how spacecraft are designed and protected during launch. The exhibit on the crew escape system highlights safety technologies being developed for India's human spaceflight ambitions, while displays on remote sensing satellites show how space data supports everyday life on Earth.

Satellite imagery samples and interactive explanations connect space science to practical applications such as weather forecasting, climate monitoring, disaster management, agriculture, forest mapping, water resource planning, telecommunications, telemedicine, civil aviation and maritime navigation. Through these exhibits, visitors see how satellites silently power services that people rely on daily.

The exhibition also celebrates India's landmark space missions through engaging models and visuals, inspiring young minds to imagine careers in science and engineering. Dioramas of Earth observation ground stations demonstrate how satellite data is received and processed, while propulsion system displays explain the engines that power launch vehicles. Historic and modern satellite models together narrate the country's journey from its earliest experiments to advanced space exploration.

Adding a personal dimension, outreach experts accompanying the bus interact directly with students through demonstrations, quizzes and discussions, making complex scientific ideas easy to understand. This human engagement turns curiosity into aspiration and encourages students to pursue science, technology, engineering and mathematics.

The bus which arrived today is open for Campus students, employees and their wards on 05.02.2026, while other students, alumni and visitors are welcome from 06.02.2026 to 08.02.2026. Space on Wheels promises not just an exhibition, but an inspiring journey into India's space story.

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