



EVERYDAY CURRENT AFFAIRS – NOVEMBER 06, 2025

SCIENCE, TECHNOLOGY & ENVIRONMENT

➤ **Project Suncatcher**

- ✓ Google LLC announced 'Project Suncatcher,' a research moonshot initiative to develop a space-based, solar-powered Artificial Intelligence (AI) infrastructure system using Tensor Processing Units (TPUs) aboard satellites to explore the scalability and feasibility of machine learning (ML) compute systems in low-Earth orbit (LEO).

➤ **NASA-ISRO Synthetic Aperture Radar (NISAR)**

- ✓ The NASA-ISRO Synthetic Aperture Radar (NISAR) mission will be declared operational on November 7, 2025, after completing its in-orbit testing phase.
- ✓ Launched jointly by NASA and ISRO, NISAR represents one of the most advanced Earth-observation collaborations, designed to study dynamic changes on the planet's surface with unprecedented precision.
- ✓ Uses Synthetic Aperture Radar, which emits microwave signals and measures their reflections, allowing it to capture high-resolution images day or night, and through clouds or smoke.
- ✓ NISAR transforms Earth observation into a real-time science – mapping our planet's motion, resources, and resilience with unmatched precision.

AWARDS

- **World Leader for Peace and Security Award, 2025**
- ✓ **Gurudev Sri Sri Ravi Shankar**, founder of the Art of Living Foundation, has been honored with the **2025 World Leader for Peace and Security Award** by the Boston Global Forum (BGF) and the AI World Society (AIWS), at Harvard University in Cambridge, the United States of America (USA).
- ✓ The award recognizes his significant contributions to global peace-building, reconciliation, and humanitarian service

