



23rd NATIONAL SPACE SCIENCE SYMPOSIUM

23rd – 27th February, 2026
Umiam, Shillong, Meghalaya



Jointly Organized by

North Eastern Space Applications Centre (NESAC)

Department of Space, Government of India
Umiam, Ri Bhoi, Meghalaya-793103

Indian Space Research Organization (ISRO)

Department of Space, Government of India
New BEL Road, Bengaluru-560 094

Hosted by

North Eastern Space Applications Centre

HIGHLIGHTS

Plenary sessions
Interdisciplinary talks
Public lectures by eminent scientists
Industry and student sessions
Year-long outreach program
Parallel sessions and poster presentations
Industry and Space exhibition

SCIENTIFIC SESSIONS

> PARALLEL SESSION (PS1)

Space-Based Meteorology, Oceanography, Geosphere–Biosphere Interactions, and Climate Change.

Focuses on advanced satellite techniques for monitoring aerosols, trace gases, precipitation, clouds, and Earth system interactions that impact climate.

> PARALLEL SESSION (PS2)

Middle Atmosphere, Atmospheric Coupling, Dynamics, Aeronomy, and Sun-Earth Connection.

The session solicits submissions on experiments, in-situ observations, remote sensing and modeling in upper-middle-lower atmospheric process and coupling, atmospheric dynamics, wave coupling, Sun-Earth connections, etc.

> PARALLEL SESSION (PS3)

Solar and Planetary Sciences.

Covers the Sun & heliospheric physics, planetary geology, Sun-planet interactions & space weather, planetary atmosphere, ionosphere & magnetosphere, results from missions like Aditya-L1, Chandrayaan, etc., along with future Solar and Planetary mission.

> PARALLEL SESSION (PS4)

Astronomy and Astrophysics.

Invites abstracts highlighting research in the areas of exoplanets, astrobiology, stars, the interstellar medium, astrochemistry in the Milky Way, high-energy phenomena, fundamental physics and astronomy, galaxies, cosmology, as well as facilities, technologies, and data science in astronomy.

> PARALLEL SESSION (PS5)

Enabling Technologies for Space Exploration.

Showcases innovations in AI, robotics, sustainable space technologies, propulsion, and support systems for human deep space missions.

> PARALLEL SESSION (PS6)

Student Session.

Provides a platform for students to present research, fostering active participation in space science and the utilization of space science mission data.

ABOUT NESAC

The North Eastern Space Applications Centre (NESAC), an autonomous body under the Department of Space, Government of India, has been serving the eight North Eastern states for over 24 years. NESAC supports development planning, resource management, and disaster preparedness using space technology. Its main goals are to provide remote sensing and GIS-based information for natural resource management and infrastructure planning, offer satellite communication services for education, healthcare, and disaster management, conduct research in space and atmospheric sciences, deliver space-based disaster support, and build regional capacity in geospatial technology.

ABOUT NSSS

The National Space Science Symposium (NSSS) is a biennial event organized by the Indian Space Research Organization (ISRO).

It primarily caters to researchers working in the fields of atmospheric, space, and planetary sciences, astronomy and astrophysics, and the exploration of solar system bodies. The first NSSS was held in 1978 at Andhra University, Visakhapatnam. The 23rd National Space Science Symposium will be held at Umiam, Shillong and hosted by the North Eastern Space Applications Centre (NESAC).

The NSSS 2026 will feature six parallel scientific sessions on diverse themes in space science and technology, including an exclusive student session aimed at fostering young scientific minds. The event will also include public lectures, plenary and interdisciplinary sessions, invited talks delivered by leading experts and professionals from the field and exhibition by industry & government.





ABOUT SHILLONG AND UMIAM

Shillong, the capital city of Meghalaya, is situated in the eastern part of the state at an altitude of 1,520 meters (4,990 feet) above sea level. The city derives its name from Leishyllong, a guardian spirit or deity believed to reside on Shillong Peak, which offers a panoramic view of the city. Nestled among tall pine conifers and pineapple shrubs, Shillong is characterized by its undulating terrain, surrounding hills, and lush greenery.

Umiyam is located at an elevation of 1,040 meters on the banks of Umiyam Lake (also known as Barapani Lake is an artificial reservoir formed by damming the Umiyam River in the early 1960s). It lies approximately 15 km north of Shillong along National Highway 40 and 85km from Guwahati city via road, is a popular tourist destination, renowned for its scenic beauty and opportunities for various water sports.

Both Shillong and the symposium venue at NESAC, Umiyam are located approximately 55 km and 70 km respectively from Sohra (formerly Cherrapunji), which is renowned as the wettest place on Earth.



HOW TO REACH

Shillong is well connected by air, road, and rail (via Guwahati Railway Station). NESAC, located at Umiyam, is situated about 15 km before Shillong city along National Highway 40 when approaching from Guwahati. The nearest airport is Umroi Airport, located approximately 15 km from Shillong, offering limited regional connectivity. For broader national and international access, the Guwahati International Airport is used, which is located about 128 km from Shillong. Helicopters also operate between Shillong and Guwahati. Guwahati is the nearest major railhead and is well connected to the rest of the country. Regular taxi and bus services are available between Guwahati Railway Station, Guwahati International Airport, and Shillong/Umiyam.



CLIMATE OF SHILLONG

Shillong experiences a temperate climate, characterized by cold winters and mostly pleasant summers. The average annual maximum temperature is around 21.0°C, while the average minimum temperature is about 13.0°C. In February, the Shillong is generally pleasant, with temperatures ranging from 10°C to 20°C with only sparse rainfall.



OUTREACH PROGRAMME

As part of NSSS 2026, a comprehensive Outreach Programme will be conducted to bridge the gap between young, aspiring minds and eminent scientists, professors, and technocrats. A special student session (PS6) will serve as a platform for students to present their innovative ideas and interact with leading experts in the field. Public lectures will be organized and webcast nationwide, enabling students and the general public across India to benefit from expert insights. Additionally, a series of one-day outreach events will be held at various locations across the North Eastern Region (NER) to promote scientific awareness and engagement. A dedicated idea submission process will also be launched, inviting students to share their creative thoughts and innovations. Selected entries will be allowed to participate in the main NSSS 2026 event, offering students national exposure and recognition.

For more details please see in www.nsss2026.in

WHERE TO STAY

Shillong offers a wide range of accommodation facilities in and around the city. Options are available across various categories including luxurious, deluxe, and standard hotels and guesthouses to suit different budgets and preferences. There are a range of hotels and homestays in and around Umiyam as well.



DATES TO REMEMBER

Early bird registration	: July 15, 2025
Abstract submission starts	: July 15, 2025
Last date for abstract submission	: September 15, 2025
Communication of decision abstract	: November 15, 2025
Early bird registration closes	: December 31, 2025
Standard registration closes	: February 15, 2026
NSSS 2026 and on the spot registration	: 23-27 February, 2026



EVENT REGISTRATION

The registration link for the event is
www.nsss2026.in

REGISTRATION FEE

Category	Last date	All delegates	Accompanying persons*	PS 6 students
Early bird registration	Decemeber 31, 2025	Rs 6000	Rs 5000	Rs 3000
Standard registration	February 15, 2026	Rs 7000	Rs 6000	Rs 3000
On the spot registration	Feburary 23-27, 2026	Rs 8000	Rs 7000	NA

* Includes all lunch, welcome reception, gala dinner, tea & snacks

COMMITTEES

National Organising Committee	Scientific Organising Committee	Local Organising Committee
<p>Chairman & Alt. Chairman</p> <ul style="list-style-type: none"> Shri A. S. Kiran Kumar, Chairman, APEX Science Board, ISRO - Chairman Dr. T. K. Alex, Hon. Distinguished Professor, ISRO - Alt. Chairman <p>Members</p> <ul style="list-style-type: none"> Director, PRL Deputy Director, SEDA, SAC Director, IIST Director, NRSC Director, SPL Director, NARL Scientific Secretary, ISRO Director, IIRS Director, NESAC Vice Chancellor, Mizoram University Vice Chancellor, Sikkim University, Gangtok Director, NIT, Arunachal Pradesh Director, CBPO, ISRO HQ Dr. Vikas Dubey, NEHU Prof. Utpal Sarma, Gauhati University Prof. Y. Sundarayya, Nagaland Univerisity Prof. Irom Ablu Meitei, Manipur University Prof. Anirban Guha, Tripura University Dr. S. S. Kundu, NESAC Dr. Harish Karnatak, IIRS Prof. K. R. S. Priolkar, Goa University <p>Member Secretary</p> <ul style="list-style-type: none"> Dr Tirtha P Das, Direcor, SPO, ISRO HQ 	<p>Chairman & Alt. Chairman</p> <ul style="list-style-type: none"> Director, IIST - Chairman Director, SPL - Alt. Chairman <p>Members</p> <ul style="list-style-type: none"> Director, NESAC Director, IIRS Director NARL Director, RRI Director, TIFR Director IIG Prof. Anandmayee Tej, IIST Dr. Tirtha Pratim Das, Director, SPO, ISRO HQ Dr. Dibyendu Chakrabarti, PRL Dr. Mehul Pandya, SAC Dr. Tarun Kumar Pant, SPL Dr. Sankarabramanian K, SAG/URSC Dr. S Suresh Babu, SPL Dr. S S Kundu, NESAC <p>Member Secretary</p> <ul style="list-style-type: none"> Dr Praveen Kumar, SPO, ISRO HQ 	<p>Chairman and Alt. Chairman</p> <ul style="list-style-type: none"> Dr. S. P. Aggarwal, Director, NESAC - Chairman Dr. K.K. Sarma, GH, NESAC - Alt. Chairman <p>Members</p> <ul style="list-style-type: none"> Dr. Shantanu Pandey, Head, NEGRL, Shillong Shri Tanung Jamoh, Director S & T, NEC, Shillong Dr. Sanjay O'Neil Shaw, IMD, Guwahati Dr. Rahul Mahanta, Cotton University, Guwahati Dr. Tulika De, NERIE, Umiam Dr. Vikas Dubey, NEHU, Shillong Dr. B. K. Handique, NESAC Dr. Kasturi Chakraborty, NESAC Dr. D. Barman, NESAC Dr. D. Chutia, NESAC Shri Ramani K Das, NESAC Dr. Jenita M Nongkynrih, NESAC Shri M Somorjit Singh, NESAC Dr. Jonali Goswami, NESAC Shri Ranjit Das, NESAC Smt H Suchitra Devi, NESAC Smt Pratibha T Das, NESAC Dr. Kuntala Bhusan, NESAC Dr. Arup Borgohain, NESAC Shri Sharique Alam, CoA, NESAC <p>Member Secretary</p> <ul style="list-style-type: none"> Dr Shyam S Kundu, NESAC



**For registration
and details**
Please log in
www.nsss2026.in

Contact us

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