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President, ICC

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Visit to ISRO facilities

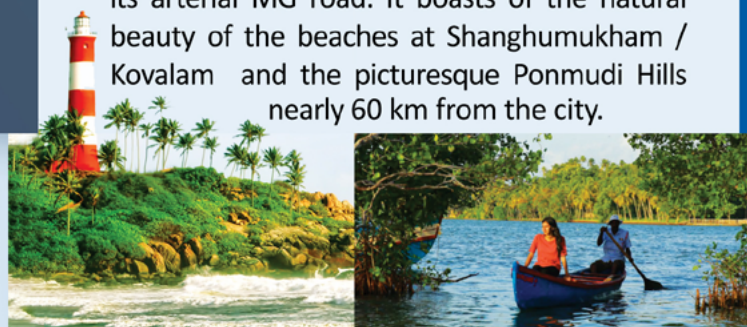
*Workshop on Cryogenics and
Superconductivity*

Technical exhibition



Thiruvananthapuram

The host city, Thiruvananthapuram, is the capital of Kerala. It is synonymous with *Shri Padmanabhaswamy* temple, one of the richest in the world. The city has an art and natural history museum namely the Napier Museum. It is home to the religious diversity and unity of Kerala, exemplified by the famous Palayam mosque sharing a common wall with the *Ganesh* temple and the St. Joseph's Cathedral, on either side of its arterial MG road. It boasts of the natural beauty of the beaches at Shanghumukham / Kovalam and the picturesque Ponmudi Hills nearly 60 km from the city.



How to reach LPSC, Valiamala?

Thiruvananthapuram international airport (33 km) and Central railway station (26 km) are ~1 hour travel by road.



Transport and accommodation

Transportation for registered delegates will be provided from the city to the conference venue. Limited accommodation is available at the ISRO guest houses and the information on the same will be made available at the conference website in due course.

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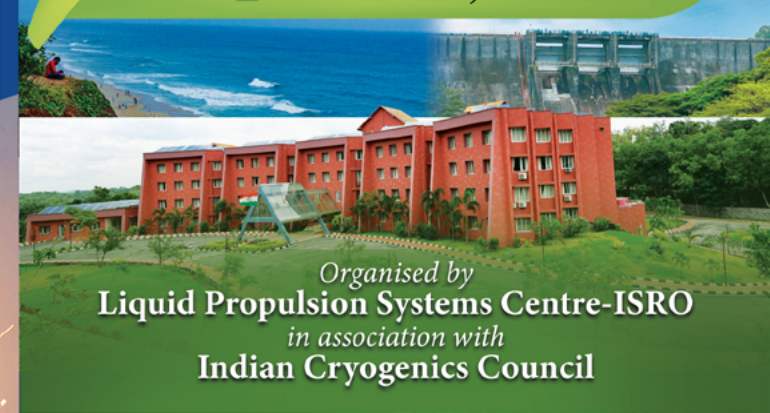


NCCS-30

National Conference on Cryogenics and Superconductivity

LPSC-ISRO, Thiruvananthapuram

7-9 December, 2026



Organised by
Liquid Propulsion Systems Centre-ISRO
in association with
Indian Cryogenics Council

National Conference on Cryogenics and Superconductivity

The Liquid Propulsion Systems Centre (LPSC-ISRO) in association with the Indian Cryogenics Council (ICC) is organizing the 30th edition of National Conference on Cryogenics and Superconductivity (NCCS-30) during 7-9 December, 2026, with the aim of knowledge dissemination and professional interaction across the entire cryogenics fraternity in the country.

The three-day national conference will be conducted at the Valiamala campus of LPSC-ISRO, situated near the capital city of Kerala, Thiruvananthapuram. It will include keynote talks, invited lectures, contributed papers, poster presentations, exhibitions, pre-conference workshop etc. The event also includes visit to various facilities at LPSC-ISRO, rocket engine assembly and test facilities at the ISRO Propulsion Complex at Mahendragiri and space museum at the Vikram Sarabhai Space Centre-ISRO.

Indian Cryogenics Council

Indian Cryogenics Council came into existence in 1975. The Council has been promoting research and development in this area through several national conferences, seminars and workshops. ICC has been in the forefront in bringing together professionals, academicians, students and industries in the field of Cryogenics.

Liquid Propulsion Systems Centre

LPSC is the lead Centre of ISRO that develops liquid propulsion systems and control power plants for launch vehicles and satellites, thereby empowering access to space and enabling space operations.

Topics

The conference is planned to cover a wide spectrum of research areas, but not limited to the following :

- ❖ Cryogenics for space propulsion & combustion
- ❖ In-space cryogenic fluid management & storage
- ❖ Space thermal control & cryogenic cooling systems
- ❖ Ground facilities, testing & safety for cryogenic applications
- ❖ Cryogenic materials, structures & manufacturing
- ❖ Cryogenic propellants, insulation & advanced cryogenic materials
- ❖ Thermodynamics, heat transfer & fluid flow in cryogenics

- ❖ Instrumentation, process control and metrology for cryogenic systems
- ❖ Large scale cryogenics and superconductivity for particle accelerator and fusion programme
- ❖ Cryogenic systems, cryocoolers, refrigeration & liquefaction technologies, air and Industrial gas separation and purification
- ❖ Cryogenics in quantum technologies & AI/ML computing for cryogenics
- ❖ Cryobiology, cryogenics for medical and food applications
- ❖ Emerging applications of cryogenics: Hydrogen, LNG, energy storage, sustainability etc.
- ❖ Superconducting materials, magnets & RF systems
- ❖ Superconductivity in power, energy, industry and other novel applications

Technical papers are invited from the related fields for oral/poster presentations. Among the presented papers, the selected ones stand a chance for publication in the *Indian Journal of Cryogenics*.

Submission of extended abstracts	:	31 Aug., 2026
Opening of registration	:	7 Sep., 2026
Acceptance of extended abstracts	:	21 Sep., 2026
Close of early bird registration	:	23 Oct., 2026
Close of online registration	:	23 Nov., 2026
Pre-conference workshop	:	6 Dec., 2026
Submission of full papers	:	7 Dec., 2026
NCCS-30	:	7-9 Dec., 2026

Organising Committee

Dr. N Venkatesh, LPSC-ISRO (Chairperson)

Members (Shri/Dr./Prof.)

Suresh Mathew Thomas, LPSC-ISRO

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Sponsorship Details *

Platinum sponsors	:	₹ 7,50,000/-
(5 delegates, presentation, advertisement and exhibition space)		
Gold sponsors	:	₹ 6,00,000/-
(4 delegates, presentation, advertisement and exhibition space)		
Silver sponsors	:	₹ 4,00,000/-
(3 delegates, advertisement and exhibition space)		
General sponsors	:	₹ 1,50,000/-
(1 delegate and advertisement)		

Registration Fees *

Category	Indian	Foreign
General	₹ 7000/-	\$200
Members of ICC	₹ 5000/-	
Students	₹ 2000/-	\$70
Pre-conference workshop	₹ 500/-	\$20

(Early bird discount at 10% on registrations till 23rd Oct., 2026).

* Applicable GST will be charged extra on the above rates.