

## ABOUT THE THEME

The last decade of the 21st century has witnessed space technology finding increasing application and relevance in daily life, to the point where, nowadays, space applications are an indispensable part of the modern information society. Space-based systems deliver information and services that protect lives and the environment, enhance prosperity and security, and stimulate industrial and economic development. The Workshop will be a forum to share experiences of leaders in space industries and opportunities emerging in space related areas.

It will provide insight on how space applications contribute to empowering people and ensuring inclusiveness and equality. Presents success stories of space applications for Sustainable Development Goals (SDGs). Raise awareness on how space exploration and innovations can trigger new partnerships and help develop capabilities that create new opportunities in addressing global challenges. Discuss the role of space industry for development and contribution to Sustainable Development Goals (SDGs). The objective of the workshop is to create awareness and generate interest among young minds and researchers in the field of Space Technology applications and finding out the possible areas of collaboration.

## VISION OF THE PROGRAMME

The main vision of this programme is to create awareness on space technology and science among the engineering community. Space exposition will help young minds to know about the happenings taking place in space explorations and help us to know the future space mission and opportunities. The presentations and discussions planned in this seminar may eventually help us to know about the current scenario of space-based applications and space exploration.



Scan for  
Location



"Free and open to all  
Join us for the exhibition "

Models of satellites and  
rockets will be displayed at  
the venue, along with ISRO's  
"Space on Wheels," which is  
an informational vehicle.



# SPACE TECHNOLOGY

## WORKSHOP & EXHIBITION

Organized By

Department of Mechanical Engineering  
TKM Institute of Technology

in Association with

Indian Society for Heat and Mass Transfer  
Regional Chapter, Trivandrum

T.K.M Institute Of Technology, Karuvelil, Kollam

## About TKM Institute of Technology (TKMIT)

T.K.M. Institute of Technology was established by the T.K.M. College Trust and is located on a verdant 25-acre campus known as Musaliar Hills at Karuvelil, Kollam. The campus is about 23 km from Kollam City and about 3 km from Cheerankavu junction on NH 208, the Kollam - Madurai National Highway. The T.K.M. Institute of Technology started functioning in the year 2002. The institute is approved by AICTE and is affiliated to APJ Abdul Kalam Technological University. The Institute offers B-Tech programmes in six disciplines namely Biomedical Engineering, Civil Engineering, Computer Science & Engineering, Electrical and Electronics Engineering, Food Technology, Mechanical Engineering. At TKMIT the whole process of learning is viewed in its holistic form, directed to empowering each individual to become a responsible citizen in keeping with its Founder's foresight-to mould today's youth into tomorrow's future.

## About Department of Mechanical Engineering

Mechanical Engineering Department started in the year 2011 with an intake of 60 students. It is not just an addition of another department in the academic stream. In no time, the department proved its mettle with the combined efforts of the devoted faculty and an enthusiastic band of students. Add to the charm, the department is enrich with a full-fledged laboratory facility, providing students a hands-on experience on the latest advancement in Mechanical Engineering. Keeping to the motto, the department is committed to the moulding of a socially committed student community

## About Indian Society for Heat and Mass Transfer Regional Chapter, Trivandrum (ISHMT-RCT)

The Indian Society for Heat and Mass Transfer (ISHMT) has been acting as a nodal agency in India, stimulating research workers engaged in various areas of heat and mass transfer and bringing them together for fruitful interaction and exchange of ideas. ISHMT Regional Chapter, Trivandrum has been registered as a Society under the Travancore - Cochin Charitable societies registration act 1955 on 14th June 2016. The registered office of the Society is currently located at PRS Entity, LPSC, Valiamala, Trivandrum and the area of operation of the Society is specified within Kerala state, and Kanyakumari and Tirunelveli, the neighbouring district of Tamilnadu state. The main purpose and objectives of the Society are to promote the science and technology of heat and mass transfer, to provide a common forum for industrialists, technologists, scientists and advancement of the science and applications of heat and mass transfer, to provide furtherance of professional development of the members including monetary assistance in the participation of conferences in India and abroad, to recognize the contribution made by the members in the field of heat and mass transfer research via distributing awards.

# PROGRAM SCHEDULE

Seminar on Space Technology : 13 February 2023  
Space Technology Exhibition : 13 & 14 February 2023

## Resource Persons for the Workshop

Sri. M.Mohan, Associate Director(R&D), VSSC,ISRO  
Thiruvananthapuram  
Dr.Ganesh P, Deputy Manager IPRC, ISRO,Mahendragiri  
Dr.Arunkumar P, Deputy Director, LPSC,ISRO,Valiamala  
Dr.Ranjith S Kumar, CET,Thiruvananthapuram

## Convenor

Prof. Razeek. A, HOD, Department of Mechanical Engineering,  
TKMIT

## Programme Coordinators

Mr. Vysakh Raveendra Kurup, Assistant Professor, TKMIT  
Dr. Jinshah. B. S, Assistant Professor, TKMIT  
Mr. Georgy George, Assistant Professor, TKMIT

## Contact

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Department of Mechanical Engineering TKMIT  
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## Registration

Registration fee : Rs. 150 per head {Workshop}  
Fees can be paid through registration desk  
Combined participation Certificate of ISHMT - RCT & TKMIT will  
be issued.  
Registration link : <https://forms.gle/CyuD69X5Q7jue8479>

Last date for registration : 10/02/23

Scan for  
registration

