

NATIONAL ADVISORY COMMITTEE

Shri. Somanath, Director, VSSC
Shri.P. Kunhikrishnan, Director, URSC, Bangalore
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Dr. V. Narayanan, Director, LPSC, Trivandrum
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Dr.A. Ajayaghosh, Director, NIIST, Trivandrum
Dr. Anil kumar, Director, DSSAM, ISRO
Dr. Santhosh Kurup, CEO, Space Park, Kerala
Shri. Kris Nair, CEO, KAWA Space
Shri. Mahesh Murthy, Founder, Exseed Space

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Prof. (Dr.) Jiji C.V, Principal, CET
Shri. DVA Raghava Murthy, Secretary SSSS
Shri. PSRS Sastry, Director, DSST, RCI, DRDO

CONFERENCE CHAIRS

Prof.(Dr.) Sindhu G, Dean(R)
Prof.(Dr.) Jayakumar S., Dean(PG)
Prof. (Dr.) Abdul Nizar, Dean(UG)

ORGANISING COMMITTEE

| | |
|------------------------|-----------------|
| Dr. Priyadarsini R S - | Secretary |
| Dr. Ranjith S Kumar - | Joint Secretary |
| Dr. Mabel Ebenezer, | Treasurer |
| Dr. Abhilash Suryan - | Member |
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| Dr. Harikumar - | Member |
| Prof.Preethi L - | Member |
| Dr. Savier - | Member |
| Prof. Vipin Vasu - | Member |

Dr. John Prakash Joseph- Member
Prof. Sabu P - Member

ACCOMMODATION

For details please mail to ncssta2020@cet.ac.in

For further details please contact:

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Organizing Secretary
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Dr. Ranjith S Kumar
Joint Secretary
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3rd - 5th July 2020

VENUE: COLLEGE OF ENGINEERING TRIVANDRUM

WORKSHOP ON SMALL SATELLITES: Design,
Development and Application
3rd July

ORGANIZED BY
College of Engineering Trivandrum
Thiruvananthapuram, Kerala, India

in association with
Society for Small Satellite Systems (SSSS)
and
SpacePark, Kerala

<https://ncssta20.cet.ac.in>

THIRUVANANTHAPURAM

Thiruvananthapuram, commonly known by its former name Trivandrum, is the capital of Kerala. It is the most popular city in Kerala and is located on the west coast of India near the extreme south of the main land. Thiruvananthapuram is a major Information Technology hub in Kerala and is referred to by Mahatma Gandhi as the "Evergreen city of India". The city is characterised by its undulating terrain of low coastal hills. Thiruvananthapuram is a notable academic and research hub and is home to the University of Kerala, APJ Abdul Kalam Technological University, the regional headquarters of Indira Gandhi National Open University, and many other schools and colleges. Thiruvananthapuram is also home to research centres such as Indian Space Research Organization's prominent centres like VSSC, LPSC and IISU, the National Institute for Interdisciplinary Science and Technology (NIIST), the Indian Institute of Space Science and Technology (IIST), and a campus of the Indian Institute of Science Education and Research (IISER). Thiruvananthapuram is a major tourist centre, known for the Padmanabhaswami Temple, the beaches of Kovalam and Varkala, the backwaters of Poovar and Anjuthengu and its Western Ghats, tracts of Ponmudi and the Agasthyamala.

COLLEGE OF ENGINEERING TRIVANDRUM

The College of Engineering Trivandrum was established in 1939 as the first Engineering College in the then Travancore State and this year the college is celebrating its 80th year of existence. Presently, the college has full-fledged departments offering 8 undergraduate, 27 postgraduate and doctoral programmes under the APJ Abdul Kalam Technological University. The College has around 4500 students, 311 teaching staff and 290 non-teaching staff. B.Tech, B.Arch, M.Tech, M.Plan, MCA, MBA, PhD and evening courses are also offered by the College. Recently, CET has ranked 71 in the list of top 100 engineering colleges in the country by NIRF, MHRD, Government of India in the year 2019.

SOCIETY FOR SMALL SATELLITE SYSTEMS (SSSS)

Society for Small Satellite Systems was formed in the year 2017 with the objective of generating interest among students and researchers in small satellite systems technology. It provides a platform for the people working on small satellite systems to interact and exchange ideas with experts in the field of Space Technology.

ABOUT NCSSTA-2020

Small Satellites are becoming increasingly popular in large number of applications which are accomplished earlier with medium or large satellites. Applications such as disaster management, agriculture, water resources, geology and urban planning now employ the services of small satellites. The rapid rise in demand has called for better technology in miniaturization, design, production, data acquisition and storage. This conference attempts to provide a platform for technologists and students working on these domains to showcase their research outcomes.

THRUST AREAS

1. Small Satellite Mission and Systems Engineering
2. Small Satellite Applications
3. Structural, Mechanical and Thermal Challenges for Small Satellites
4. Satellite Attitude and Orbit Control System
5. Power Management Systems for Small Satellites
6. Navigation and RF Systems
7. Payloads for Small Satellites
8. Quality, Testing and Reliability aspects of Small Satellites
9. Space Craft Autonomy

CALL FOR PAPERS

Authors, who are desirous of presenting papers, are requested to electronically submit extended abstracts of their original work (not more than 4 Pages) written in English in the area of interest through ncssta20@cet.ac.in. All accepted and presented papers, in extended form will be considered for possible publication in "Springer Nature" after a standard peer review process.

DATES OF IMPORTANCE

Extended Abstract Submission : 15-04-2020
Acceptance of Paper : 15-05-2020
Camera Ready Paper : 30-05-2020
Registration Starts on : 30-05-2020

REGISTRATION

Students - Rs.1000/-
Faculty - Rs.2000/-
Individual/Industry - Rs. 5000/-

MODES OF PAYMENT

Payments should be made through crossed demand draft drawn on any nationalized bank in favor of "Organizing Secretary, Organising Committee, NCSSTA-2020", Payable at Thiruvananthapuram and sent to the convener of the conference.

WHO CAN PARTICIPATE

Researchers, students, industrialists and faculty working in the area from any discipline are eligible to submit paper and attend the conference.

CHIEF PATRON:

Prof. (Dr.) KP Indira Devi, Director of Technical Education, Kerala