



**INDIAN SOCIETY OF SYSTEMS FOR SCIENCE & ENGINEERING  
BANGALORE CHAPTER INVITES**

# **SEA - 2025**

**National Conference on System Engineering  
in Automation**

**Dates: 30th & 31st October 2025**

**Venue: Hotel Chancery Pavilion, Bangalore**



**Conference Brochure**



# About Indian Society of Systems for Science & Engineering (ISSE)



Indian Society of Systems for Science and Engineering (ISSE) is a professional body for interdisciplinary collaboration of Systems Science and Engineering. ISSE is unique among the systems-oriented institutions having the objective of bringing together scholars and practitioners from academic, business and R&D organizations for promoting the systems concept.

The society was started in 2010 at Vikram Sarabhai Space Centre (VSSC), ISRO with its Headquarters at Thiruvananthapuram and was formally registered under the Travancore Cochin Literary Scientific and Charitable Societies Registration Act -1995.

ISSE has 13 chapters across the country which are located at Thiruvananthapuram, Kochi, Bangalore, Manipal, Hyderabad, Bhubaneswar, Ahmedabad, Amaravati, Chandigarh, Shriharikota-Chennai, Trichy, Coimbatore and Kanniyakumari.

## Patrons

**Dr. V. Narayanan**  
Secretary, DOS/  
Chairman, ISRO

**Dr. Samir V Kamat**  
Secretary, Department of Defense  
R&D/Chairman, DRDO

**Dr. B.N. Suresh**  
Honorary. Distinguished  
Professor, ISRO/Chancellor, IIST

## National Advisory Committee

- |  |   |
|--|---|
| ✓ Dr. V. Narayanan, Secretary, DOS/<br>Chairman, ISRO & National President, ISSE | ✓ Prof. T. Sundararajan, Former Prof. IIT, Madras     |
| ✓ Shri. M. Sankaran, Director, URSC, & President<br>ISSE-Bangalore Chapter       | ✓ Dr. V. Ashok, Former AD, VSSC                       |
| ✓ Shri. M. Mohan, Director, LPSC   | ✓ Shri. N. Jayan, DD, LPSC                            |
| ✓ Dr. A.K Anilkumar, Director, ISTRAC  | ✓ Shri. Reji Joseph, GD, LPSC                         |
| ✓ Shri. D. K Singh, Director, HSFC   | ✓ Shri. Arunachalam, Director (Technical), NSIL       |
| ✓ Dr. S. Sreeram, Director, LEOS   | ✓ Dr. N. Ranjana, Director (DSTA), DRDO HQ            |
| ✓ Shri. M. Ganesh Pillai,<br>Scientific Secretary, ISRO & Director DTDI          | ✓ Dr. S. Albert Rabara, Former VP, St. Joseph, Trichy |
| ✓ Shri. BHVS Narayana Murthy, VC, DIAT, Pune                                     | ✓ Shri. B.H. Laxmesh, Head, M&A, L&T-Coimbatore       |
| ✓ Shri. P. Kunhikrishnan, Former Director, URSC                                  | ✓ Shri. Y. Dilip, AD, ADE, DRDO                       |
| ✓ Dr. Surinder Singh, Former Director, SCL, Chandigarh                           | ✓ Smt. Nigar Shaji, Former AD (Projects), URSC        |
| ✓ Dr. M.V. Narasimha Prasad, Former, GD, LPSC                                    | ✓ Shri. S. Hemachandran, Former DD, IISU              |

## About SEA - 2025

Conference on System Engineering in Automation is organized by ISSE – Bangalore Chapter in association with ISRO. This conference seeks to create an interactive forum between the professionals in the field of aerospace and the academia to discuss the automation technologies. The two-day conference comprises keynote address, invited talks by eminent scientist, poster presentation, paper presentation by professionals, research scholars and academia

## Key Topics

- System Engineering models for Automation
- System Engineering Tools for Automation
- Human Centered Automation in Industries
- Safety and Reliability of Automation
- Impact of Artificial Intelligence & Machine Learning in Automation
- Impact of Virtual Reality & Augmented Reality in Automation
- IoT (Internet of Things) Automation
- Optimization in Automation
- Flexible Automation System
- Automation in Spacecraft & Launch Vehicle
- System Integration using Automation
- Assessment/Evaluation of System Automation
- Standards for Automation
- Case Studies on Automation Engineering Implementation

## Call for Papers

Extended abstracts of contributed papers are invited from students, research scholars and professionals in the focused areas. Problem definition, methods, results and discussion/conclusion with graphical representations, if any in Microsoft word, not more than Two pages in single column format, 'Calibri' font size 12 and single line spacing. The abstract can be uploaded on the website on or before 30th August 2025

## Dates to Remember

Registration Started From	15 <sup>th</sup> August 2025
Last date for Abstract Submission	14 <sup>th</sup> September 2025
Abstract Acceptance	20 <sup>th</sup> September 2025
Last date for Full Paper Submission	07 <sup>th</sup> October 2025
Intimation of Paper Acceptance	15 <sup>th</sup> October 2025
Last date for delegate registration	30 <sup>th</sup> October 2025

## About Registration

All Participants shall register for the conference.

For paper presentation, a minimum of one among the authors per paper must register for the conference.

For Registration and other details please visit [www.issesea2025.com](http://www.issesea2025.com)



## Registration fee details are as follows:

Students	Rs. 1000
Academic faculty/Research Scholars	Rs. 5000
Other delegates (ISSE Member)	Rs. 5000
Other delegates:	Rs. 8000

## Local Organizing Committee

### Mentor

Shri. M. Sankaran,  
Director, URSC,  
President, ISSE- Bangalore Chapter

### Chairman

Shri. K.M. Shanbhogue,  
GD, LPSC,  
Vice President, ISSE- Bangalore Chapter

## Members

Shri. Bijaya Kumar Behera,  
ISRO HQ

Shri. Sannala Mangesh,  
NSIL

Smt. V. Abarna,  
LPSC

Shri. Kamran Ahmed,  
LPSC

Dr. Girish Manjunatha  
Gouda, LEOS

Shri. Manjunath Palanimalai,  
HAL

Shri. B. Ramprasad,  
LPSC

Smt. S.M. Aisha Sidhick,  
LPSC

Smt. Nandhini Seshadri,  
ISRO HQ

Shri. J. Jerry Calvin,  
ISRO HQ

Shri Naveen G J,  
Siddaganga Institute of Technology

Prof. Sitaram V Yaji,  
NMIT

Dr. Yogananda Jeppu,  
Boeing

Prof. Nataraj,  
R.V. College of Engg.

Shri. P. Jayasimha,  
URSC

Shri. M. Avinash,  
URSC

Smt. Veena B.,  
URSC

Shri. Chinmay Kumar Rajhans,  
URSC

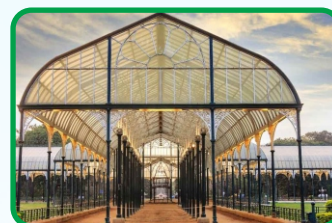
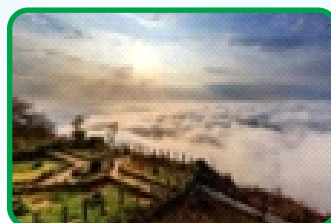
Shri. Vivek Prabhakar,  
URSC

Shri. Alok Kumar Jha,  
URSC

**Convenor** Shri. K.V. Muralidhar, URSC, Secretary, ISSE- Bangalore Chapter

## About Venue

Bengaluru (also called Bangalore) is the capital of India's southern Karnataka state. The center of India's high-tech industry, the city is also known for its parks and nightlife. By Cubbon Park, Vidhana Soudha is a Neo-Dravidian legislative building. Former royal residences include 19th century Bangalore Palace, modeled after England's Windsor Castle, and Tipu Sultan's Summer Palace, an 18th-century teak structure.



## Focal Points

Shri. Brindaban Mahto  
Joint Secretary-ISSE-Bangalore  
[brinda@ursc.gov.in](mailto:brinda@ursc.gov.in)

Phone: 0802508-2483 | Mob: 9343835083

Shri. C. Giridharan  
Treasurer-ISSE-Bangalore  
[c\\_giridharan@lpscb.gov.in](mailto:c_giridharan@lpscb.gov.in)

Phone: 08025037-472 | Mob: 8883022765