

## About the meet

The objective of the meet is to provide a common platform for active researchers and young scholars in India working in the area of finite element method, to enable the exchange of ideas on contemporary numerical techniques in continuum mechanics. The central focus of the meet will be on advanced aspects of design and development of general purpose finite element software to solve complex engineering problems. Emphasis will be to highlight FEAST as general purpose finite element software developed within India. NAFED07 was conducted at IIT Delhi and was well attended by luminaries from various R&D organisations and academia. NAFED08 will play a catalytic role in initiating collaborative work from interested groups/individuals along with FEAST development team towards enhancing the capabilities of the software.

## About FEAST

FEAST is ISRO's general purpose finite element analysis software realized by Structural Engineering Entity of **Vikram Sarabhai Space Centre (VSSC)**. FEAST can solve large scale problems of structural analysis, heat transfer, magnetostatics and electrostatics. It is supported by a state-of-the-art GUI based pre/ post processor, PreWin. To know more about the software and to download free trial version of the software, visit <https://feast.vssc.gov.in>.

## Important Dates

Submission of extended abstract : 03-01-2025  
 Acceptance of extended abstract : 15-01-2025  
 Last date for registration : 25-01-2025

Registration is free of cost

## Who can participate

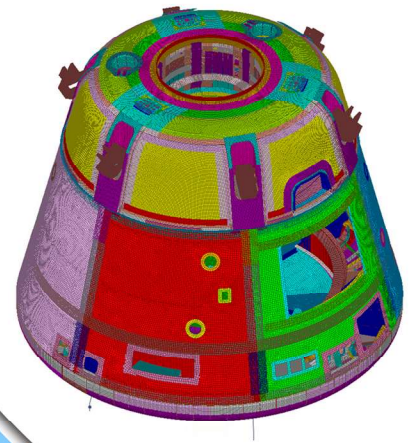
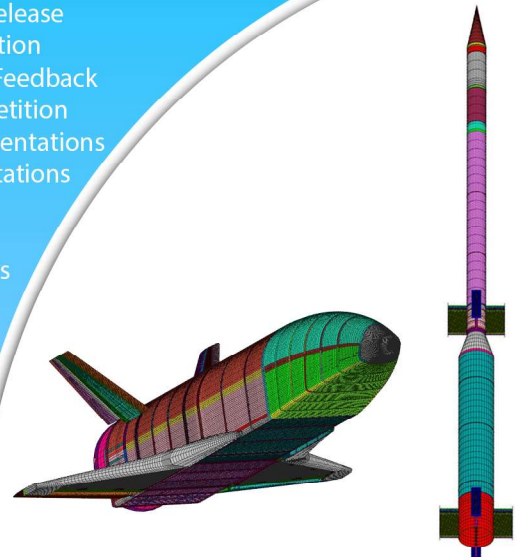
Faculty members, postdocs, students (**UG/PG/PhD**) of science or engineering departments, research organisations, industries, users of **FEAST** software and developers of finite element software can submit their recent contributions. Participation in the **NAFED08** is not restricted to paper/poster presentation. Interested research teams/ individuals willing to collaborate for enhancing **FEAST** software can also register.

For registration and further information about the meet, kindly visit <https://nafed08.vssc.gov.in> or scan the QR code given below.



## Events planned during NAFED08

- ▶ FEAST 2025 Release
- ▶ Quiz Competition
- ▶ Constructive Feedback
- ▶ Design Competition
- ▶ Technical Presentations
- ▶ Poster Presentations
- ▶ Invited Talks
- ▶ Exhibition
- ▶ Cultural Events



Jointly Organised by



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 भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
 Indian Institute of Technology Hyderabad

For further queries please contact  
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 Vikram Sarabhai Space Centre  
 Thiruvananthapuram, Kerala-695022



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### Organising Committee

#### Chairperson

**Dr. AK Asraff**, DD, VSSC (STR)

#### Alt. Chairperson

**Prof. Amirtham Rajagopal**, IIT Hyderabad

#### Members

**Shri. Sundar B**, VSSC

**Dr. Nithyanandan Kanagaraj**, IIT Hyderabad

**Dr. Mayukh Pahari**, IIT Hyderabad

**Dr. R Suresh**, VSSC

**Shri. R Arunkumar**, VSSC

**Shri. Sudhir S Nair**, VSSC

**Shri. AG Balamurali**, VSSC

**Shri. Harikrishnan R**, VSSC

**Dr. R Marimuthu**, VSSC

**Dr. K Jayakumar**, VSSC

**Smt. Beena P**, VSSC

**Shri. MR Premkumar**, VSSC

**Dr. Deepak P**, VSSC (Convener)

### Technical Sub-Committee

#### Chairperson

**Dr. R Suresh**, VSSC

#### Members

**Prof. Aravind Vaidyanathan**, IIST

**Prof. B Venkatesham**, IIT Hyderabad

**Shri. MK Sundaresan**, VSSC

**Smt. Geena George P**, VSSC

**Shri. Shijo Xavier**, VSSC

**Dr. Salil Kanj Jalan**, VSSC

**Shri. BP Deepak**, VSSC

**Shri. Philip George**, VSSC

**Shri. Aakash Dhar Dwivedi**, VSSC (Convener)

### About VSSC

Vikram Sarabhai Space Centre (VSSC) is the lead centre of Indian Space Research Organisation (ISRO) under the Department of Space (DOS), Government of India. The centre is located in Thiruvananthapuram, Kerala and is named in fond memory of Dr. Vikram A Sarabhai, a great visionary and father of the Indian Space Programme. VSSC pioneers in rocket research and launch vehicle projects of ISRO. The centre also pursues research and development activities in associated areas like propellants, solid propulsion technology, aero dynamics, aero structures and aero thermo dynamics, avionics, polymers and composites, guidance, control & simulation, computer science and information technology, mechanical engineering, aerospace mechanisms, vehicle integration and testing, space ordnance, chemicals and materials. Systems reliability and quality assurance of all aspects of engineering and operations are studied and evaluated to the required levels of perfection in each field.

### About IIT Hyderabad

Indian Institute of Technology Hyderabad (IITH) is a premier institute of science and technology established in 2008. IITH has been consistently ranked in the top 10 institutes in India for Engineering according to NIRF making it one of the most coveted schools for science and technology in the country.

IITH offers undergraduate programs in all the classical engineering disciplines, applied sciences, design, as well as several modern interdisciplinary areas. Students are given a flexibility to explore a broad set of areas, and potentially pursue a minor or double major in a discipline that is not their own.

### About Hyderabad

Hyderabad is the capital city of the state of Telangana. The city was founded on the River Musi by Muhammad Quli Qutab Shah in 1591. The city is located on the Deccan Plateau and it is the fifth largest city of India. Until the 19th century, Hyderabad was known for the pearl industry and was nicknamed the "City of Pearls", and was the only trading centre for Golconda diamonds in the world. For sight seeing there are places like Mecca Masjid, Charminar, Chowmahalla Palace, Falakunama Palace, Salarjung Museum, Birla Temple, Ramoji Film city, Golconda Fort, Nehru Zoological Park etc. The Ramoji Film City is the largest integrated film city in the world and named by the Guinness Book of World Records as the largest studio on the planet.

