



6th National Finite Element Developers' / FEAST^{SMT} Users' Meet



[DIGITAL PLATFORM]

Date : February 4 and 5, 2022

Organised by Vikram Sarabhai Space Centre

FEAST^{SMT} is ISRO's general purpose finite element analysis software realized by Structural Engineering Entity of Vikram Sarabhai Space Centre (VSSC). The solver is able to handle large order problems of structural engineering, heat transfer, magnetostatics and electrostatics, which is supported by the state-of-the-art GUI based pre/post processor PreWin.

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, so as to exchange ideas and expose them to contemporary numerical techniques related to finite elements. The central focus of the meet will be on advanced aspects of design, development and implementation of general purpose finite element software to solve complex aerospace, civil, mechanical, marine, automobile, etc. engineering domain problems. Emphasis will be to highlight FEAST^{SMT} as a general purpose finite element software product developed within India. The meet will bring together users and researchers from various organisations so as to foster exchange of ideas for collaboration. NAFED 2020 was conducted in digital mode which was well attended by luminaries from various national / international institutions. The meet will play a catalytic role to initiate collaborative works from interested groups/individuals along with FEAST^{SMT} development team towards enhancing the capabilities of the software.

Who can apply?

Faculty members, postdocs, students (UG/PG/PhD) and scientists of science or engineering departments, research organisations, industries, users of FEAST^{SMT} software and developers of finite element method are eligible to submit their recent contributions. Results may be validated with analytical solutions / numerical solutions / experiments. Participation in 6th edition of NAFED is not restricted to paper/poster presenting delegates. Research teams/individuals who are willing to participate in a collaborative effort, for enhancing FEAST^{SMT} software can also apply.

For information on the meet, kindly visit the website <https://nafed2022.vssc.gov.in> or scan the QR code given below



Important dates

Last Date for Registration	:	31-01-2022
Last Date for submitting extended abstract	:	05-01-2022
Acceptance of extended abstract	:	16-01-2022

 feast@vssc.gov.in



Model • Execute • Visualize

For further queries please contact

Head, FSDD/SDAG/STR/VSSC, Thiruvananthapuram, Kerala - 695 022
Phone: +91 - 471 - 256 5511 / 4207 / 5006 (Monday to Friday)