

CHIEF PATRONS

Dr. T. R. Paarivendhar
Chancellor, SRMIST

Dr. Ravi Pachamoothoo
Pro-Chancellor (Administration), SRMIST

Dr. P. Sathyanarayanan
Pro-Chancellor (Academics), SRMIST

Prof. Dr. C. Muthamizhchelvan
Vice Chancellor, SRMIST

Prof. Dr. S. Ponnusamy
Registrar, SRMIST

PATRONS

Prof. Dr. T. V. Gopal
Dean CET, SRMIST

Prof. Dr. D. Kingsly Jeba Singh
Chairperson SME, SRMIST

ADVISORY COMMITTEE

Dr. L. R. Ganapathy Subramanian
Professor & Head, Dept. of Aerospace Engg.

Prof. C. Senthil Kumar, Chairman,
Aeronautical Society of India-Chennai Branch

CONVENERS

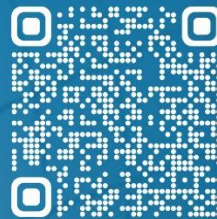
Dr. S. Sivakumar
Associate Professor, Dept. of Aerospace Engg.

Dr. G. Saravanan
Assistant Professor, Dept. of Aerospace Engg.

DEPARTMENT MEMBERS

Dr. Senthilkumar S., Associate Professor
Dr. T. Selvakumaran, Associate Professor
Dr. Aravindh Kumar S.M., Assistant Professor
Dr. B. T. Kannan, Assistant Professor
Mr. S. Rajkumar, Assistant Professor
Dr. R. Mohamed Arif, Assistant Professor
Mr. N. Bharat, Assistant Professor
Dr. K. Allwyn, Assistant Professor
Dr. M. Vignesh Kumar, Assistant Professor
Mr. Vinayak Malhotra, Assistant Professor
Mr. K. Iynthezhuthon, Assistant Professor
Mr. K. B. Ravichandrakumar, Assistant Professor
Dr. K. K. Bharadwaj, Assistant Professor
Dr. K. Saravanakumar, Assistant Professor
Dr. Gurusideswar S., Assistant Professor
Dr. A. Muthuram, Assistant Professor

REGISTRATION LINK



REGISTRATION FEE

AeSI member : Free
Non AeSi member : ₹100

CONTACT

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SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

SRM Institute of Science and Technology
Kattankulathur, Chennai - 603203

Inauguration of AeSI Students Chapter

&

One Day Workshop on Finite Element Analysis in Aerospace Applications

22nd August 2023

Venue: Automobile Seminar Hall, Main Campus

Organised by

Department of Aerospace Engineering

in association with

Aeronautical Society of India (AeSI) (Chennai Chapter)



NAAC
A++

Category I
with IIR Status

(2022)
Ranked 10th University

(2023) World Ranking
one among 41 Indian Universities

(2023) World Ranking
one among 75 Indian Universities

(2021)
Ranked 4th

(2023) World Ranking
one among 14 Indian Universities

(2023) World Ranking
one among 14 Indian Universities

(2023) World Ranking
one among 14 Indian Universities

(2023) World Ranking
one among 14 Indian Universities

ABOUT SRMIST

SRM Institute of Science and Technology (SRMIST) is one of the top ranked universities in India with over 50,000 plus students and 3,000 plus faculty members, offering a wide range of Undergraduate, Postgraduate and Doctoral Programs in Engineering, Medicine & Health Sciences, Management, Science & Humanities, Law, and Agricultural Sciences. Over the last three decades, it has set standards in experiential learning and knowledge creation across various fields. It has reached beyond borders to universities and corporates across India and around the World. There are four sprawling campuses three in and around Chennai, and one near New Delhi spread across 250 acres with all facilities. It had conducted 98th Indian Science Congress in January, 2011 which was attended by 7,000 delegates from India and abroad, including six Nobel Laureates and several eminent scientists. SRM IST is the first private university in India to launch a nano-satellite, named SRMSAT, into space, on board the PSLV-C18 from Sriharikota on October 12, 2011. The institution has grown up through international alliances and collaborative initiatives to achieve global excellence. Over 200 students are sponsored for 35- foreign Universities like MIT, Carnegie Mellon, UC Davis, Warwick and Western Australia annually. SRM IST is accredited by NAAC with the highest Grade of 'A++'. QS, the world renowned international ranking agency, has rated SRMIST as 'Four Star, Institute and QS-IGAUGE has awarded Diamond Rating to SRMIST. SRMIST is classified as Category I University by UGC/MHRD and enjoys 12B status too under UGC Act.

DEPARTMENT OF AEROSPACE ENGINEERING

The Department of Aerospace Engineering was established in 2007. It offers four years degree B.Tech Program. It has well equipped laboratories. Our Aerospace hangar houses Cessna, Eurocopter, Kiran aircraft, Airbus A300 simulator, different types of engines and landing gear components. Aerodynamics lab comprises of subsonic & supersonic wind-tunnel, sophisticated high-speed jet facility, smoke tunnel, boundary layer tunnel, etc; Aircraft Structures lab; Aero fluid mechanics lab; CFD lab & Advanced computation lab; Material Testing lab; Avionics lab and Dr. APJ Abdul Kalam Memorial Propulsion Laboratory, exclusively for solid propellant making and firing to determine thrust, burn rate and to study combustion characteristics with high speed camera. The department had received AR&DB grant funded project in structures domain & few consultancy projects too.

ABOUT PROGRAMME

To introduce the theory behind finite element calculations of stress, strain, and deformation in aerospace structures and describe the role of a commercial finite element package in structural analysis and design overview on the significance of finite element analysis and the importance of updating knowledge on the latest technologies will be discussed.

WHO WOULD BENEFIT

Faculties, Research Scholars and students from the institute offering courses in Aeronautical & Aerospace Engineering.

TOPICS COVERED

LECTURE 1

Application of FEM to Aerospace Structures

LECTURE 2

Hands-on training in ANSYS software

TECHNICAL EXPERTS

Shri M.Ramesh Kumar

Scientist F
CVRDE, DRDO
Avadi, Chennai

Mr. Ravindra Bucherla

Application Engineer
ARK Infosolutions Pvt. Ltd.

