

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 & consultancy project from NARL, Tirupathi.

ABOUT PROGRAMME

This Faculty Development Programme (FDP) is organized to foster exchange of information on technical issues and challenges faced in Composite materials and structures research and the possible advances in future research programmes. The objective of this FDP is to provide global exposure in the field of Composite Materials and Structures.

- Aim to highlight the latest advances in composite materials and structure.
- Include special lectures from experts in interdisciplinary areas.
- Lectures on the State of art techniques.

WHO WOULD BENEFIT

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

TECHNICAL EXPERTS

**Dr. Ramesh Kumar M, Chief Scientist
Quality Assurance (Head) & Advanced
Composites Division (Dy. Head),
CSIR - NAL, Bengaluru**

02
Nov
2020

**Dr. Manoj K Buragohain,
Scientist 'G', Advanced Systems
Laboratory, DRDO, Hyderabad**

03
Nov
2020

**Dr. A Sakthivel,
Scientist 'G', Regional Director RCMA
(Helicopters), CEMILAC, DRDO,
Bengaluru**

04
Nov
2020

**Dr. Saji Devadathan
Senior Principal Scientist, Head IMM
& Quality Assurance (Dy. Head),
Advanced Composites Division,
CSIR-NAL, Bengaluru**

05
Nov
2020

**Dr. Nivish George
Assistant Professor,
Department of Mechanical Engineering,
National Institute of Technology,
Tiruchirappalli**

06
Nov
2020

REGISTRATION LINK

https://docs.google.com/forms/d/e/1FAIpQLSd_oe2qBsgz3O66LwX1o1cexRQjg0U6Niv0B1DM1snuN7jCVA/viewform

PATRONS

- ❖ Dr. T.R. Parivendhar, Founder Chancellor
- ❖ Mr. Ravi Pachamoothoo, Pro-Chancellor (Admin)
- ❖ Dr. P. Sathyanarayanan, Pro-Chancellor (Academics)
- ❖ Dr. R. Shivakumar, Pro-Chancellor

STEERING COMMITTEE

- ❖ Dr. Sandeep Sancheti, Vice-Chancellor
- ❖ Dr. N. Sethuraman, Registrar
- ❖ Dr. C. Muthamizhchelvan, Pro Vice-Chancellor (E&T)
- ❖ Dr. K Ramaswamy, Director (Research)
- ❖ Dr. B. Neppolian, Dean (Research)
- ❖ Dr. T.V.Gopal, Dean (CET)
- ❖ Dr. Kingsley Jebasingh, Chair Person, SME.

ADVISORY COMMITTEE

- ❖ Dr. L.R.Ganapathy Subramanian, Professor & Head, Department of Aerospace Engineering.
- ❖ Dr. R. Vasudevan, Professor, Department of Aerospace Engineering.

CONVENER

- ❖ Dr. S.Sivakumar, Associate Professor
- ❖ Dr. S. Gurusideswar, Assistant Professor

CO-CONVENERS

- ❖ Dr. K. Saravanakumar, Assistant Professor
- ❖ Mr. K. Iynthezhuthon, Assistant professor
- ❖ Mr. N. Bharat, Assistant professor

INSTRUCTION

- ☐ Interested participants can register through link provided.
- ☐ E-certificate will be provided to all active participants.
- ☐ Meeting link shall be mailed to registered participants.
- ☐ Attendance shall be recorded through feedback form submission on the day of webinar



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

Five Days Faculty Development Programme on Recent Advancements in Composite Materials and Structures 02-11-2020 to 06-11-2020



**Organized by
Department of Aerospace Engineering
School of Mechanical Engineering
SRM Institute of Science and Technology**

Address for Communication

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