

Patrons

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Professor & Head, Department of Aerospace Engineering.

Dr. R. Vasudevan, Professor,
Department of Aerospace Engineering.

Conveners

Dr. T. Selvakumaran, Associate Professor
Mr. G. Saravanan, Assistant Professor (SG)

Co-Conveners

Mr. A. Vinayak Malhotra, Assistant Professor
Mr. A. Vinoth Kumar, Assistant Professor

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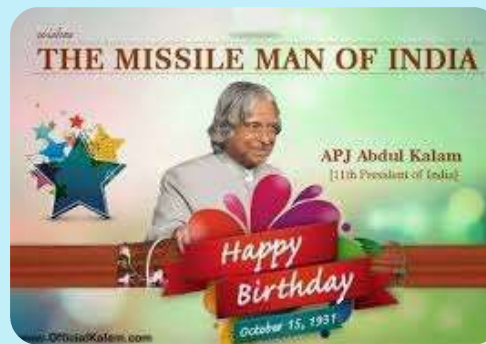
Instruction

- ✓ 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.

Schedule of the talk

Dr. Bala Murali Krishnan Narayanan	– 15.10.2021
Dr. Lipika Kabiraj	– 16.10.2021
Mr. Abdul Nassar	– 17.10.2021
Dr. Shelly Biswas	– 18.10.2021
Dr. RS Praveen	– 19.10.2021
Dr. Charlie Oommen	– 20.10.2021

**To Commemorate birth
anniversary of former President
and Missile Man of India Late
Dr. APJ ABDUL KALAM**



Registration Link :

<https://docs.google.com/forms/d/e/1FAIpQLSfWX8BdXwGEQmAlpVeod1w6qNnQN0UaatgUWAJFHcnHGcMKaA/viewform>

**FREE
REGISTRATION**



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

SIX-DAYS Online Faculty Development Programme

On

AN INSIGHT INTO FUTURISTIC AEROSPACE PROPULSION

15th to 20th OCTOBER, 2021



Organized by

DEPARTMENT OF AEROSPACE ENGINEERING



College of Engineering and Technology
SRM Institute of Science and Technology
Kattankulathur, Chennai - 603203.
Chengalpattu (DT), Tamilnadu.

THE INSTITUTE

SRM Institute of Science and Technology (SRMIST) is one of the top ranked universities in India with over 50,000 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 98 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 and consultancy project from NARL, Tirupathi.

FIELD EXPERT LECTURES

This faculty development programme is designed for the current and prospective learners, researchers and academicians. An extensive knowledge in futuristic aerospace propulsion shall be acquired. Also, an overview of the challenges associated with advances in chemical propulsion, green propellants, cryogenics and turbomachinery. Discussion on Dynamics of combustion chambers: nonlinear and stochastic phenomena

Registration Link:

<https://docs.google.com/forms/d/e/1FAIpQLSfWX8BdXwGEQmA1pVed1w6qNnQN0UaatgUWAJFHcnHGcMKaA/viewform>

TECHNICAL EXPERTS



Dr. Charlie Oommen

Chief Research Scientist, Propulsion,
Department of Aerospace Engineering,
Indian Institute of Science, Bangalore



Dr RS Praveen,

Deputy Project Director,
Liquid Propulsion Stages,
GSLV Mk III Project,
VSSC-ISRO, Trivandrum.



Dr Bala Murali Krishnan Narayanan,

Scientist H,
Gas Turbine Research Establishment
(GTRE), Bangalore.



Dr. Lipika Kabiraj

Department of Mechanical
Engineering,
Indian Institute of Technology, Ropar



Dr. Shelly Biswas

Space Engineering and Rocketry,
BIT Mesra.



Mr. Abdul Nassar

Managing Director,
SoftInWay Digital
Engineering Pvt. Ltd.,
Bangalore.