

## DSU hosts a One-Week workshop on “Smart Structures and Aeroelasticity”

The Dept. of Mechanical Engineering, Dayananda Sagar University organised an International workshop on “Smart Structures and Aeroelasticity” organized, sponsored by Aeronautics Research and development board (ARDB), Bengaluru from 09-01-2023 to 13-01-2023. The workshop witnessed over a 100 enthusiastic participants from various institutions and industries and 15 unparalleled technical sessions spread across 5 days.

The workshop emphasized majorly on four brackets of topics: Smart materials and structures, Flutter analysis in aero structures, Aeroelasticity and M/NEMS. The workshop witnessed expert speakers from industry and academia who have contributed enormously to the field of Aerospace Engineering in the country - Aeronautical Development Establishment, DRDO, CSIR-NAL, IISc, IITs, University of Manchester to name a few. The stalwart speakers intrigued the participants with scientific curiosity and threw light on futuristic pathways to follow.

The workshop was inaugurated by Sri. P.S. Krishnan, Distinguished Scientist (Retd.) & Ex Director, ADE, Bengaluru, who has been instrumental in the development of Flight Control System (FCS) for Unmanned Aircraft Systems for the Indian military. He expressed his heartiest congratulations to DSU for hosting the event of such great capacity and emphasized on the development of solar UAVs which is undoubtedly the future of Aerospace industry and military.

The event was chaired by the Hon. Vice Chancellor of DSU, Dr. KNB Murthy and convened by Dr. Rammohan B. and Dr. Saravanabavan B., Professors of the Dept. of Mechanical Engineering. The event was a great success under the guidance of the management of DSU, Dr. Udaya Kumar Reddy K.R., Dean – SoE and Dr. Vinayak B. Hemadri, Chairman- Dept. of Mechanical Engineering, DSU.





**“SMART STRUCTURES & AEROELASTICITY”**  
(9 – 13 January, 2023)  
Sponsored By  
**AERONAUTICS RESEARCH & DEVELOPMENT BOARD (ARDB)**  
Organized By  
**DEPARTMENT OF MECHANICAL ENGINEERING,  
SCHOOL OF ENGINEERING, DAYANANDA SAGAR UNIVERSITY, BENGALURU**

**Schedule of the Programme**

SR. No.	Date (Day)	9.30 to 11.00 am	11:30- 1.00 pm	2.30-4.00 pm
1	09-01-2023 (Monday)	<b>Sri P.S. Krishnan</b> Distinguished Scientist & Ex-Director ADE, Bengaluru	<b>Dr. Satyanarayana Murthy</b> Head, Civil Service CSIR-NAL, Bengaluru	<b>Dr. Ajay B. Harish,</b> Engineering, Software and Data Science University of Manchester, England
2	10-01-2023 (Tuesday)	<b>Dr. Ramesh Kumar M</b> Chief Scientist & Head, Advanced Component Division, CSIR-NAL, Bengaluru	<b>Dr. M. Manjuprasad</b> Chief Scientist & Head, Knowledge & Technology Management Division, CSIR-NAL, Bengaluru	<b>Dr. Pattabhi Harimath Sundarapu</b> Dean of Mechanical Sciences, IIT-Bombay, India
3	11-01-2023 (Wednesday)	<b>Dr. Dwarakanathan</b> Senior Principal Scientist, CSIR-NAL, Bengaluru	<b>Dr. Vidyanankar.R.R</b> Principal Engineer, CSIR-NAL, Bengaluru	<b>Dr. Rammohan. B</b> Professor, Dept. of Mechanical Engg, DSU, Bengaluru
4	12-01-2023 (Thursday)	<b>Dr. Veluri Sridhakar</b> Scientist G, ISRO, Bengaluru	<b>Sri. Kamesh J.V</b> Former Scientist 'B', ADE, & Professor Dept. of Aerospace Engg, I.I.T. College of Engineering, Bengaluru	<b>Dr. D. Roy Mahapatra</b> Associate Professor Dept. of Aerospace Engg, IIT, Bengaluru
5	13-01-2023 (Friday)	<b>Mr. Shripathi</b> Sr. Manager, India Post, AIRC, Bellary, Bengaluru	<b>Dr. F. Francois Charles</b> Associate Professor, Dept. of Aerospace Engg, IISc, Bengaluru	<b>Dr. G. K. Suryanarayana</b> Professor, Dept. of Aerospace Engg, IISc, Bengaluru

Chairman: Dr. Vinayak B Hemadri, Dept. of Mechanical Engg, DSU





