

DEPARTMENT OF AERONAUTICAL ENGINEERING

Seminar on “Advanced Structures Technology for Aerospace Application”

A seminar titled “Advanced Structures Technology for Aerospace Application” was held on 22nd March at Smt. Rajalakshmi Jayaraman Seminar Hall of MVJ College of Engineering. It was presided by Prof. K Thyagarajan, Director R&D, MVJCE and Prof. M Brindha, Vice-Principal, MVJCE.

Eminent Speakers from prestigious organizations such as Aeronautical Development Agency (ADA), DRDO, National Aerospace Laboratories (NAL), Hindustan Aeronautics Limited (HAL) and Quest Global were invited for the seminar. Shri TC Subba Reddy from ADA was the Guest of Honour. He spoke on Composites Structural Technologies for Future Aerospace Systems. This was followed by a lecture on Multi-Functional Materials and Adaptive Structures by Dr. S Raja from NAL. Mechanics of nano-composites, hybrid nano composites, multifunctional composites and their testing were addressed in detail. Energy efficient and adaptive structures were also described.

The afternoon session was started by Shri R Ramachandran from RWRDC, HAL. He talked in detail about Airframe structural design. The scope of application was brought out for various types of aircraft. This was followed by a lecture delivered by Dr. Saji Devadathan from NAL on the advances in composite product development. The last lecture was delivered by Mr. C V Venugopal from Quest Global. He spoke on testing aspects and the applicable governing regulations for tests especially in context to Loads. The Seminar was concluded with a vote of thanks by Ms P Sharmila, Asst. Prof, Dept of AE.