

**PRESS INFORMATION BUREAU  
GOVERNMENT OF INDIA  
BANGALORE**

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**NATIONAL SEMINAR ON AEROSPACE MECHANISMS INAUGURATED**

**Bangalore: November 18,2005**

The 5<sup>th</sup> National Seminar and Exhibition on Aerospace and Related Mechanisms(ARMS-2005) was inaugurated in the city today. The two-day seminar, organised by the Indian National Society for Aerospace and Related Mechanisms(INSARM) is sponsored by ISRO, HAL,DRDO and ANTRIX Corporation of Department of Space. Dr. K N Shankara, Director, ISAC who Presided over the function said mechanisms needed for solar panel,antenna and such other devises used in a satellite needs to be highly reliable. ISRO has the expertise to such know-how and is supplying such components to various companies such as Mitsubishi Electric Co. and others, Shri Shankara said. The aero-space components are built by L&T under ISRO's supervision, he added.

Dr.P S Goel, Secretary, Department of Ocean Development said that the dedicated team in ISAC has been instrumental in keeping abreast with space mechanism due to the persistent efforts that remained undeterred even during failures. He called upon technocrats to think about enabling technologies that has space application 15 to 30 years from now. Shri Abdul Majeed, President, INSARM informed that it is proposed to set up a National Museum on Mechanism in the country and the deliberations in the seminar will consider this proposal. In the key note address, Shri R V Perumal, Director, LPSC showcased the progress made in space mechanisms and dealt upon future trends. He observed that there is a need to develop docking mechanisms, seperation system for crew manual, robotic arm for on-orbit experiments, floatation system etc.

The objective of the seminar is to focus on recent advances related to design,fabrication, testing and analysis related to Aerospace mechanisms. About 350 delegates from various Research and Development organizations, educational institutions and industries are participating in the seminar where 56 papers on various issues will be presented.

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AD:PC:HRS

Hrs 1500

18/11/2005