

**Advances in Aerospace-Propulsion 2016****Two Day National Seminar Organized By****International Institute for Aerospace Engineering & Management (IIAEM),
Jain University****Venue: Sprintoor Indoor Stadium, JGI Knowledge Campus
45th km, NH-209, Jakkasandra Post, Bangalore-Kanakapura Main Road,
Ramanagara District, Karnataka, India - 562112****Schedule****Day 1, 21st Jan, 2016 (Thursday)**

Time	Topic	Speaker
10:20-11:00	Key Note Address by Shri. M.Z.Siddique, Director, GTRE, Bangalore	
	Session I Chair: Dr. Rajaram Nagappa	
11:15-12:00	Stable and unstable combustion in combustion systems	Prof. H.S. Mukunda, Honorary adviser, CGPL, Dept. Aerospace Engg., IISc, Bangalore Prof. of Eminence, Centre for Disaster Mitigation (CDM), Jain University
12:00-12:40	High Speed Air-breathing Propulsion	Shri. Manjunath P Head, Propulsion Division, NAL (CSIR), Bangalore
12:40-12:50	Q&A / Remarks by Chair	
12:50-13:30	Lunch	
	Session II Chair: Shri. S N Ghosh	
13:30-14:10	Solid Propellants- Technological Challenges	Dr. Rajaram Nagappa, Visiting Professor & Head, International Strategic and Security Studies Program, Visiting Professor
14:10-14:40	Airworthiness Certification Philosophies in Military Aviation	Simon K John, Wg. Cdr(Retd), Sc'F', RCMA Engines
14:40-15:20	Some Aspects of Advanced	



	Gas Turbine Engine Design	Shri. Kishore Prasad, Scientist'G', GTRE, DRDO, Bangalore
15:20–15:30	Q&A / Remarks by Session Chair	
15:30–15:50	High Tea	

Day 2, 22nd Jan. 2016 (Friday)

Time	Topic	Speaker
09:30-10:15	Key Note Address "Advances in Rocket Propulsion" by Prof. B N Raghunandan, Advisor to Director, IISc, Bangalore	
10:15-10:30	High Tea	
	Session III Chair: Prof. Raghunandan	
10:30-11:10	Materials & Manufacturing technology for GT Engines Current and future perspective	Shri. V. Balakrishnan, Former Executive Director, HAL Engines
11:10-11:50	Gas Turbine technology progress from industry perspective	Dr. Asim Ghosal Consulting Engineer, GE Aviation
11:50-12:30	Engine Health Monitoring and Diagnostics- Modern Trends	Shri. G. Gouda, Scientist 'G' Group Director (Propulsion), CEMILAC
12:30-12:40	Q&A/Remarks by Session Chair	
12:40-13:30	Lunch	
	Session IV Chair: Prof. Raghunandan	
13:30-14:10	Challenges in Gas Turbine Combustor Design	Dr. Muthuveerappan, Scientist 'G' GTRE, DRDO
14:10-14:40	Green Aviation today	Dr. Allamaprabhu C Y Assist. Prof., IIAEM, Jain University
14:40-15:10	Engine-Aircraft Integration	Dr. Antonio Davis, Prof., IIAEM, Jain University
15:10-15:20	Q&A / Remarks by Session Chair	
15:20-15:40	Valedictory address by Shri.S Somanath, Director, LPSC/ ISRO	
15:40-15:45	Vote of Thanks	
15:45-16:00	High Tea	