

FILM CLUB

Date	Movie
February 11, 2012	English Movie – Mission Impossible – Ghost Protocol
February 18, 2012	Kannada movie

THOUGHT FOR THE WEEK

The art of listening needs its highest development in listening to oneself; our most important task is to develop an ear that can really hear what we're saying.



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NEW PROJECTS

The following new Sponsored Projects have been sanctioned:

Title	Name of the Coordinator/Dept.	Sponsor- ing Agency	Value (Rs. in lakhs)	Duration
Investigation of damage mechanisms in composite material under cyclic loading	Dr. H S N Murthy Dr. P Sriram Dept. of Aerospace Engg. Dr. Parag Ravindran Dept. of Mechanical Engg.	ARDB	75.71	3 Years
Impact studies on Laminated Composite Plates	Dr. R Velmurugan Dept. of Aerospace Engg. Dr. M S Sivakumar Dept. of Applied Mechanics	ARDB	35.89	3 Years
Tunable Diode Laser Absorption Spectroscopy (TDLAS) for measurement of temperature profile and multi-species concentration in gas turbine combustor	Dr. T M Muruganandam Dr. Job Kurian Dept. of Aerospace Engg.	ARDB	46.67	3 Years
An experimental investigation of non-normality, transient growth and their consequences in nonlinear instabilities	Dr. R I Sujith Dept. of Aerospace Engg.	Office of Naval Research Global	18.28	1 Year
Controlled drop spreading and squeeze flow analysis for improved permeability description in composite process simulation	Dr. Abhijit P Deshpande Dept. of Chemical Engg.	ARDB	15.96	3 Years
Development of value added recycled product based on polymeric composites used in aerospace application	Dr. Susy Varughese Dept. of Chemical Engg.	ARDB	34.76	3 Years

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NEW PROJECTS, [CONTD.]

Title	Name of the Coordinator/Dept.	Sponsoring Agency	Value (Rs. in lakhs)	Duration
New building system for affordable mass housing using glass fibre reinforced gypsum (GFRG) panels	Dr. Devdas Menon Dr. A Meher Prasad Dept. of Civil Engg.	DST	131.35	3 Years
Fiber bragg grating-based sensors in polymer optical fibers for biomedical applications	Dr. Balaji Srinivasan Dr. Anil Prabhakar Dept. of Electrical Engg.	DST	6.01	2 Years
Health Monitoring of Offshore Wind Farms (HEMOW)	Dr. Krishnan Balasubramaniam Dept. of Mechanical Engg.	European Commission	19.63	4 Years
Social governance and sustainability: A cross cultural perspective	Dr. Lata Dyaram Dept. of Management Studies	Shastri Indo-Canadian Institute	4.90	3 Months

LECTURES

Under the auspices of the Department of Mathematics, **Prof.R.Ramanujam**, Institute of Mathematical Sciences, Taramani will give a lecture on *Exploring Compositional Structure in Strategies in Games* at 1500 hours on February 16, 2012 in the Seminar Hall.

SEMINAR TALKS – PH.D

Ms Lipika Kabiraj, Research Scholar, Department of Aerospace Engineering (AE07D012) will give a seminar talk on *Non Linear Self Excited Thermoacoustic Oscillations, Itermittency and Flame Blow Out* at 1500 hours on February 15, 2012 in Class Room 4.

Ms Debdti Datta, Research Scholar, Department of Biotechnology (BT08D022) will give a seminar talk on *Study of a Novel Nucleolar GTPase Guanine Nucleotide Binding Protein-like 2(GNL2)* at 1615 hours on February 15, 2012 in the Seminar Hall.

Ms Shweta Kushal, Research Scholar, Department of Humanities and Social Sciences (HS07D003) will give two seminar talks on 1.*Ethnicity, Race, Identity and Punjabi Diaspora: A Thematic Introduction* and 2.*The Unmarked Self- Identity beyond Essentialism: A Study of Punjabi Diaspora Women's Narratives* at 1430 hours on February 15 and 22, 2012 respectively in HSB339.

SEMINAR TALKS – PH.D, [CONTD.]

Shri C.Rangasami, Research Scholar, Department of Physics (PH07D030) will give three seminar talks on *Synthesis and Characterization of Ag and Cu based Ternary and Quaternary Semiconductors* at 1500 hours on February 23, 24 and 27, 2012 in the Seminar Hall.

Ms J.Anupriya, Research Scholar, Department of Physics (PH07D031) will give three seminar talks on *Study of Zeeman Coherences in Atomic Rubidium using Laguerre Gaussian Beams* at 1100 hours on February 27, 28 & 29, 2012 in the Seminar Hall.

SEMINAR TALKS – M.S.

Shri T.G.Vignesh, Research Scholar, Department of Mechanical Engineering (ME09S014) will give a seminar talk on *Continuous Interface Reconstruction Algorithms based on Volume of Fluid Method* at 1500 hours on February 22, 2012 in the Diesel Hall of ICE Laboratory.

Shri S.Sivakumar, Research Scholar, Department of Mechanical Engineering (ME09S019) will give a seminar talk on *Experimental and Numerical Studies on Round Turbulent Jets in the Near-Field Region* at 1500 hours on February 23, 2012 in the Seminar Hall, Thermodynamics and Combustion Engineering Laboratory.

Shri K.P.V.Manikantachari, Research Scholar, Department of Mechanical Engineering (ME10S018) will give a seminar talk on *Effect of Burner Exit Conditions and Low Amplitude Vibrations on Jet Diffusion Flame Characteristics* at 1500 hours on February 24, 2012 in the Seminar Hall, Thermodynamics and Combustion Engineering Laboratory.

STAFF MATTERS

Prof.A.Veeraragavan, Department of Civil Engineering has been nominated as a member of the Highway Research Board of the Indian Roads Congress for the Period 2012-2014.

VIDEO SHOWS

The following cassettes will be screened at 1600 hours in Media Resource Centre - Level IV of the Central Library:

Date	Topic
February 13, 2012	Solar Energy: To Capture the Power of Sun and Tide: VC 171 by National Education Films Ltd., India (21 minutes)
February 15, 2012	Networks and Systems – Lecture No.16: VC 340 by Prof.V.G.K.Murthy (50 minutes)
February 17, 2012	Solid State Devices : Physics and Modeling - Lecture No.52 : VC 410 by Prof. S.Karmalkar (50 minutes)

