



# C R Rao Advanced Institute of Mathematics, Statistics & Computer Science (AIMSCS)

University of Hyderabad Campus, Gachibowli,  
Prof. CR Rao Road, Hyderabad 500046, India.



## One-day Workshop on *Mathematical Beauty of Nature*

under DST sponsored project  
*Mathematical Legacy of Ramanujan and its Applications* (MLRA)

### PROGRAM SCHEDULE

09:00 am to 9:30 am	Registration (Ramanujan Building, CR Rao AIMSCS)
09:30 am to 10:15 am	Inauguration session (Auditorium, Ramanujan Building)
10:15 am to 11:00 am	Keynote Talk, " <i>Human origin, health and disease: Indian perspectives</i> " by <b>Dr. K. Thangaraj</b> , Centre for Cellular & Molecular Biology (CCMB), Hyderabad
11:00 am to 11:30 am	Tea Break (Cafeteria)
11:30 am to 12:15 pm	Talk, " <i>Life at high Reynolds number</i> " by <b>Dr. Prasad Perlekar</b> , TIFR Centre for Interdisciplinary Sciences (TCIS), Hyderabad
12:15 pm to 01:00 pm	Talk, " <i>Statistics and Agriculture</i> " by <b>Dr. A. Dhandapani</b> , National Academy of Agricultural Research Management (NAARM), Hyderabad
01:00 pm to 02:00 pm	Working Lunch (Cafeteria)
02:00 pm to 02:45 pm	Talk, " <i>Bayesian Methods in Genetic Risk Estimation</i> " by <b>Dr. Durgadas P. Kasbekar</b> , Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad
02:45 pm to 03:30 pm	Talk, " <i>Fibonacci Numbers in Nature</i> " by <b>Dr. S.B. Rao</b> , CR Rao AIMSCS, Hyderabad
03:30 pm to 04:00 pm	Tea Break (Cafeteria)
04:00 pm to 04:45 pm	Talk, " <i>Craggy mountains, crumpled paperballs and creative principles: Mathematics of Roughness</i> " by <b>Dr. Saumyadipta Pyne</b> , CR Rao AIMSCS, Hyderabad
04:45 pm to 05:30 pm	Audio-visual show on <i>Fractals and Applications</i>
05:30 pm to 06:00 pm	Visit to Prof. CR Rao Gallery (1st Floor, CR Rao AIMSCS)

**Workshop date and time: Thursday, 26 March, 2015, 9.00 a.m. to 6.00 p.m.**

**Venue: Ramanujan Building, CR Rao AIMSCS, UoH Campus, Gachibowli, Hyderabad.**

Financially  
supported by:

Convener: Prof. Saumyadipta Pyne, CR Rao AIMSCS.



Government of India  
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Ministry of Science & Technology

**No registration fee.** Admission is free.  
Research scholars, Bachelor's and Master's students are most welcome.  
Interested participants must **pre-register by 5 pm, Tuesday, March 24, via email:**  
**[ramanujan127@cr RaoAIMSCS.res.in](mailto:ramanujan127@cr RaoAIMSCS.res.in)** with the email Subject as "**MBN2015**"