

**Chennai Mathematical Institute**  
**Lecture Programme for students of class XI and XII**  
**29 & 30 July 2013**

**Monday, 29th July:**

10.00-11.00	K.N. Raghavan, IMSc.	Constructions with ruler and compass
11.00-11.15		Discussion
11.15-11.30		Tea
11.30-12.30	Govind Krishnaswami, CMI	Aspects of a pendulum: from clocks to chaos
12.30-12.45		Discussion
12.45-13.45		Lunch
13.45-14.45	S.P. Suresh, CMI	A glimpse into infinity
14.45-15.00		Discussion
15.00-16.00	P. Suryakumar, Director, Ladder Educational Services	Physics demonstrations
16.00-16.15		Tea & disperse

**Tuesday, 30th July:**

09.15-10.15	Madhavan Mukund, CMI	A problem that cannot be solved by any algorithm
10.15-10.30		Discussion
10.30-10.45		Tea
10.45-11.45	H.S. Mani, CMI	Sun rise and sun set time
11.45-12.00		Discussion
12.00-13.00	Purusottam Rath, CMI	Prime Numbers and Riemann Hypothesis
13.00-13.15		Discussion
13.15-14.00		Lunch & disperse