

Research Promotion Workshop on  
Introduction to Graph and Geometric Algorithms

University of Kerala & IIITM-Kerala  
Thiruvananthapuram  
23-25 January 2014

**Program**

Time	January 23, 2014 (Thursday)	January 24, 2014 (Friday)	January 25, 2014 (Saturday)
09.00 hr.– 10.00 hr.	Registration & Inauguration: Welcome Address by Director, IIITM-Kerala	Subrahmanyam Kalyanasundaram: <i>Introduction to Randomized Algorithms</i>	Ambat Vijayakumar: <i>Graph Dynamics</i>
10.00 hr.– 10.30 hr.	Tea	Tea	Tea
10.30 hr.– 11.30 hr.	Subir Ghosh: <i>Introduction to Computational Geometry</i>	Abhiram Ranade: <i>Graph Partitioning</i>	John Augustine: <i>Introduction to Distributed Algorithms</i>
11.30 hr.– 12.30 hr.	Swami Sarvattomananda: <i>Algorithms for Planar Graphs</i>	Amitabha Bagchi: <i>Information Diffusion on Social Networks</i>	Parag Chaudhuri: <i>Motion Graphs for Character Animation</i>
12.30 hr.– 13.45 hr.	Lunch	Lunch	Closing Session and Lunch
13.45 hr.– 14.45 hr.	Sandip Das: <i>Introduction to Approximation Algorithms</i>	Tathagata Ray: <i>Mesh Generation</i>	
14.45 hr.– 15.45 hr.	Sudebkumar Prasant Pal: <i>Geometric Data Structures</i>	Sharat Chandran: <i>Tracking, Random Numbers, and the GPU</i>	
15.45 hr.– 16.15 hr.	Tea	Tea	
16.15 hr.– 17.15 hr.	Open Problem Session Chair: Sandip Das	Panel Discussion: <i>Is Research a Good Career Option?</i> Chair: Manoj Changat	