

Research Promotion Workshop on  
Introduction to Graph and Geometric Algorithms

National Institute of Technology, Warangal  
23-25 October 2013

**Program**

Time	October 23, 2013 (Wednesday)	October 24, 2013 (Thursday)	October 25, 2013 (Friday)
09.15 hr.– 10.15 hr.	Registration & Inauguration: Welcome Address by Director, NIT Warangal	Partha Goswami: <i>Geometric Data Structures</i>	Naveen Sivadasan: <i>Introduction to Online Algorithms</i>
10.15 hr.– 10.45 hr.	Tea	Tea	Tea
10.45 hr.– 11.45 hr.	Arijit Bishnu: <i>Introduction to Randomized Algorithms</i>	Tathagata Ray: <i>Mesh Generation</i>	Abhiram G. Ranade: <i>Graph Partitioning</i>
11.45 hr.– 12.45 hr.	Subir Ghosh: <i>Introduction to Computational Geometry</i>	N. S. Narayanaswamy: <i>Perfect Graphs</i>	Amitabha Mukerjee: <i>Robot Motion Planning</i>
12.45 hr.– 14.00 hr.	Lunch	Lunch	Closing Session and Lunch
14.00 hr.– 15.00 hr.	Sandip Das: <i>Introduction to Approximation Algorithms</i>	R. Inkulu: <i>Buy-at-Bulk Network Design</i>	
15.00 hr.– 16.00 hr.	Partha Bhowmick: <i>On Anomalies and Algorithms Related to Circles and Spheres in the Digital Space</i>	Subhashis Banerjee: <i>Singular Value Decomposition and its Applications to Computer Vision</i>	
16.00 hr.– 16.30 hr.	Tea	Tea	
16.30 hr.– 17.30 hr.	Open Problem Session Chair: Sandip Das	Panel Discussion: <i>Is Research a Good Career Option?</i> Chair: R.B.V. Subramanyam	