

Research Promotion Workshop on
Introduction to Graph and Geometric Algorithms

National Institute of Technology

Rourkela

March 25-27, 2010

Program

Time	March 25, 2010 (Thursday)	March 26, 2010 (Friday)	March 27, 2010 (Saturday)
09.15 hr.– 10.15 hr.	Registration and Inauguration Welcome Address: Director, NIT	L. Sunil Chandran: <i>Geometric Representation of Graphs</i>	Subhashis Banerjee: <i>Projective Geometry for Graphics and Computer Vision</i>
10.15 hr.– 10.45 hr.	Tea	Tea	Tea
10.45 hr.– 11.45 hr.	Arijit Bishnu: <i>Introduction to Computational Geometry</i>	Sathish Govindarajan: <i>Geometric Graphs</i>	Subodh Kumar: <i>Cache Friendly Compressed Representation for Geometry</i>
11.45 hr.– 12.45 hr.	Swami Sarvattomananda: <i>Voronoi Diagrams</i>	N. S. Narayanaswamy: <i>Special Classes of Intersection Graphs</i>	Subir Kumar Ghosh: <i>Robot Path Planning</i>
12.45 hr.– 14.00 hr.	Lunch	Lunch	Lunch
14.00 hr.– 15.00 hr.	Arnab Basu: <i>Probability and Graphs</i>	Saket Saurabh: <i>Fixed Parameter Algorithms</i>	Sudebkumar Prasant Pal: <i>Geometric Data Structures</i>
15.00 hr.– 16.00 hr.	Subhas Nandy: <i>Introduction to Randomized Algorithms</i>	Sandip Das: <i>Introduction to Approximation Algorithms</i>	Partha Pratim Goswami: <i>Duality in Geometry</i>
16.00 hr.– 16.30 hr.	Tea	Tea	Closing Session and Tea
16.30 hr.– 17.30 hr.	Open Problem Session Chair: Subhas Nandy	Panel Discussion: <i>Is Research a Good Career Option?</i> Chair: Banshidhar Majhi	