

Research Promotion Workshop on  
Introduction to Graph and Geometric Algorithms

Institute of Technology  
Banaras Hindu University  
Varanasi  
January 27-29, 2010

**Program**

Time	January 27, 2010 (Wednesday)	January 28, 2010 (Thursday)	January 29, 2010 (Friday)
09.15 hr.– 10.15 hr.	Registration and Inauguration Welcome Address: Director, Institute of Technology, BHU	Anurag Mittal: <i>Graph-based Algorithms in Computer Vision</i>	C. R. Subramanian: <i>Introduction to Randomized Algorithms</i>
10.15 hr.– 10.45 hr.	Tea	Tea	Tea
10.45 hr.– 11.45 hr.	Arijit Bishnu: <i>Introduction to Computational Geometry</i>	Sumit Ganguly: <i>Streaming and Semi-streaming Algorithms for Processing Massive Graphs</i>	Sandip Das: <i>Introduction to Approximation Algorithms</i>
11.45 hr.– 12.45 hr.	Swami Sarvattomananda: <i>Voronoi Diagrams</i>	Abhiram Ranade: <i>Algorithms for Precedence Constrained Scheduling</i>	Subhas Nandy: <i>Algorithms for Geometric Intersection Graphs</i>
12.45 hr.– 14.00 hr.	Lunch	Lunch	Lunch
14.00 hr.– 15.00 hr.	Partha Pratim Goswami: <i>Duality Transformation in Geometry</i>	Amitabha Bagchi: <i>Random Geometric Graphs and Wireless Networks</i>	Sudebkumar Prasant Pal: <i>Geometric Data Structures</i>
15.00 hr.– 16.00 hr.	Subhashis Banerjee: <i>Projective Geometry for Graphics and Computer Vision</i>	L. Sunil Chandran: <i>Geometric Representation of Graphs</i>	Subir Kumar Ghosh: <i>Online Algorithms in Computational Geometry</i>
16.00 hr.– 16.30 hr.	Tea	Tea	Closing Session and Tea
16.30 hr.– 17.30 hr.	Panel Discussion: <i>Is Research a Good Career Option?</i> Chair: Arun Agrawal	Open Problem Session Chair: Subhas Nandy	