

Research Promotion Workshop on
Introduction to Graph and Geometric Algorithms

PSG College of Technology
Coimbatore

January 6-8, 2011

Program

| Time | January 6, 2011 (Thursday) | January 7, 2011 (Friday) | January 8, 2011 (Saturday) |
|-------------------------|--|--|--|
| 08.15 hr.– 09.00 hr. | Registration | | |
| 09.00 hr.– 10.00 hr. | Inauguration Welcome Address by Principal, PSG College of Technology | Sathish Govindarajan: <i>Geometric Graphs</i> | C. R. Subramanian: <i>Introduction to Randomized Algorithms</i> |
| 10.00 hr.– 10.30 hr. | Tea | Tea | Tea |
| 10.30 hr.– 11.30 hr. | Subir Ghosh: Introduction <i>to Computational Geometry</i> | Ajit Arvind Diwan: <i>Graph Partitioning</i> | Anurag Mittal: <i>Graph-based Algorithms in Computer Vision.</i> |
| 11.30 hr.– 12.30 hr. | Swami Sarvattomananda: <i>Geometric Data Structures</i> | Venkatesh Raman: <i>Fixed Parameter Algorithms</i> | Abhiram Ranade: <i>Algorithms for Precedence Constrained Scheduling</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> | Sasanka Roy: <i>Voronoi Diagram</i> | |
| 14.45 hr.– 15.45 hr. | Amitava Bhattacharya: <i>Graph Matching and Applications</i> | Vijay Natarajan: <i>Scalar Field Visualization</i> | |
| 15.45 hr.– 16.15 hr. | Tea | Tea | |
| 16.15 hr.– 17.15 hr. | Open Problem Session Chair: Ajit Arvind Diwan | Panel Discussion: <i>Is Research a Good Career Option?</i> Chair: R. Anitha | |