

# NORTH-EAST ISI-DU SPRING SCHOOL ON ALGORITHMS FOR WIRELESS NETWORKS

## Programme Schedule

### 08.02.2012: Wednesday (First Day)

08:45 AM -09.15 AM	Registration
09:30 AM – 10:30 AM	Inaugural Session
10:30 AM – 10:45 AM	***** Tea Break *****
10:45 AM – 12:15 PM	Introduction to Wireless Networks (B. P. Sinha)
12:15 PM – 01:30 PM	Basics of Algorithms (S. Sur-Kolay)
	***** Lunch Break ****
02:30 PM – 04:00 PM	Introduction to Graph Algorithms (B. B. Bhattacharya)
	***** Tea Break *****
04:00 PM – 05:30 PM	Introduction to Computational Geometry (A. Karmakar)

### 09.02.2012: Thursday (Second Day)

09:00 AM – 10:15 AM	Facility Location Problems (S. Das)
10:15 AM – 11:30 AM	Soft handover in 3G UMTS networks (S. C. Ghosh)
	***** Tea Break *****
11:45 PM – 01:00 PM	Introduction to Distributed Algorithms (A. Banerjee)
	***** Lunch Break ****
02:30 PM – 03:45 PM	Cognitive Radio Networks (A. Bhattacharya)
	***** Tea Break *****
04:00 PM – 05:15 PM	Mobile Ad hoc Networks (N. Das)
07:30 PM	School Dinner

### 10.02.2012: Friday (Third Day)

09:00 AM – 10:15 AM	Localization in wireless sensor networks (K. Mukhopadhyaya)
10:15 AM – 11:30 AM	Geometric Algorithm for Swarm Robotics (S. Gan Chaudhuri)
	***** Tea Break *****
11:45 PM – 01:00 PM	Topology control in wireless sensor networks (P. S. Mandal)
	***** *Lunch Break ****
02:30 PM – 03:45 PM	Range assignment in wireless networks (G. Das)
	***** Tea Break *****
04:00 PM – 05:15 PM	Discussion & Valedictory Session