

Schedule for QIP Short Term Course on Recent Trends in Networks and Distributed Computing
 Indian Institute of Technology Guwahati, February 10-14, 2015

	Lecture		Tea Break	Lecture	Lunch break	Lecture	Tea Break	Lecture	
	8-8:30	8:30-10:00	10-10:45	10:45-11	11-12:30	12:30-2:00	2:00-3:30	3:30-3:45	3:45-5:15
Feb 10 (Tuesday)	Registration	Basic of Optical Networks (Prof. S. Bandyopadhyay)	Inauguration		Advance in Optical Networks (Prof. S. Bandyopadhyay)		Introduction to Queues & Queueing Models (Prof. Sanjay Bose)		Intrusion Detection Systems: A Formal Algorithmic approach (Dr. Santosh Biswas)
	Lecture 9-10:45		10:45-11	11-12:30	12:30-2:00	2:00-3:30	3:30-3:45	3:45-5:15	
Feb 11 (Wednesday)	Basic Principle of WSNs (Dr. P. S. Mandal)			Advance Algorithms in WSNs (Dr. P. S. Mandal)		Queueing Networks (Prof. Sanjay Bose)		Facility Location Problems in WSNs (Dr. Gauram K Das)	
Feb 12 (Thursday)	Basic Principle of Parallel & Distributed Algorithms (Prof. G. Sajith)			Advanced in Parallel & Distributed Algorithms (Prof. G. Sajith)		Fault Tolerance in Distributed System (Dr. S. Karmakar)		Fault Tolerance in Distributed System (Dr. S. Karmakar)	
Feb 13 (Friday)	Distributed Algorithms for Swam Robots in R ² (Prof. K. Mukhopadhyaya)			Distributed Algorithms for Swam Robots in R ² (Prof. K. Mukhopadhyaya)		Basic Principle of Real Time Scheduling in Distributed System (Dr. Arnab Sarkar)		Advanced in Real Time Scheduling in Distributed System (Dr. Arnab Sarkar)	
Feb 14 (Saturday)	Distributed Algorithms for Swam Robots in Graph (Dr. Sruti G. Chaudhuri)			Distributed Algorithms for Swam Robots in Graph (Dr. Sruti G. Chaudhuri)		Graph Rigidity on Localization in WSNs (Dr. B. Sau)		Valedictory	

Speakers

- Prof. Subir Bandyopadhyay, University of Windsor, Canada
- Prof. Sanjay Bose, IIT Guwahati
- Prof. G. Sajith, IIT Guwahati
- Prof. Krishnendu Mukhopadhyaya, ISI-Kolkata
- Dr. Santosh Biswas, IIT Guwahati
- Dr. Sushanta Karmakar, IIT Guwahati
- Dr. Gautam K Das, IIT Guwahati
- Dr. Sruti Gan Chaudhuri, Jadavpur University
- Dr. Arnab Sarkar, IIT Guwahati
- Dr. Partha Sarathi Mandal, IIT Guwahati
- Dr. Buddhadeb Sau, Jadavpur University