



INDIAN STATISTICAL INSTITUTE

SYSTEMS SCIENCE & INFORMATICS UNIT

FIVE-DAY COURSE ON

Spatial Statistical Tools in Data Processing and Analysis

26 – 30 November 2012

<http://www.isibang.ac.in/~sstdpa/>

26th November 2012: *

Registration : Begins at 09:30 AM

TIME TABLE

Day	10:00-11:15	11:15 - 11:45	11:45-13:00	13:30 - 14:30	14:30-15:45	15:45:-17:00	17:00
Monday 26-11-12	Registration & Inaugural	C O F F E B R E A K	JS Analog, expert judgment, dependency, and aggregation	L U N C H B R E A K	BSD Introduction to mathematical morphology and some applications in visualization	PBP The industrial applications; Smart cameras, Parking management (More related spatial analysis); Traffic analysis	T E A B R E A K
Tuesday 27-11-12	JS Modeling gas hydrate resources – a statistician’s perspective		CBR Practical quantitative microscopy – Part -1		NRR Machine learning approaches for hyperspectral image classification	NR Computer vision application in industries	
Wednesday 28-11-12	SKM Granular soft computing with application to pattern recognition and mining		PPC A quantitative model for human olfactory receptors - Part - 1		BSD Binary and grayscale granulometries	SUM Introduction to machine learning algorithms	
Thursday 29-11-12	CBR Practical Quantitative Microscopy - Part -2		SUM Introduction to Machine Learning Algorithms		NRR Machine Learning Approaches for Hyperspectral Image Classification	SKM Granular soft computing with application to pattern recognition and mining	
Friday 30-11-12	WMB Implementation of FULL-POL-SAR in agriculture, forestry and aquaculture		WMB Implementation of FULL-POL-SAR in agriculture, forestry and aquaculture		BSD Spatial interpolation via mathematical morphology	PPC A quantitative model for human olfactory receptors - Part - 2	

* Slight changes may be there in the programme schedule of the first day.

JS : John Schuenemeyer; CBR : C. Babu Rao; PPC : Pabitra Pal Chaudhuri; PBP : P. Bhanu Prasad; NR: N. Radhakrishnan; NRR : N Rama Rao; SUM : Sumitra; WMB : Wolfgang-Martin Boerner; SKM : Saroj Kumar Meher; BSD: B. S. Daya Sagar.

