

# FIRST WORKSHOP ON COMPUTING: THEORY AND APPLICATIONS

March 14 – 18, 2016

Venue: *Indian Statistical Institute (ISI) North-East Centre at Tezpur*

Organized by: *Computer and Communication Sciences Division (CCSD), ISI*

## Programme Schedule

### March 14, 2016 (*Monday*)

- 09:30 -- 10:15 > **Inauguration** (welcome address: D.P.Mukherjee; Inaugural address: VC, Tezpur University; Closing remarks: D P Mandal)
- 10:30 – 11:45 > *Introduction to Algorithms* by **Sandip Das**
- 12:00 – 13:15 > *Graph Algorithms* by **Arijit Bishnu**
- 14:30 – 16:00 > *Computational Geometry* by **Subhas Nandi**

### March 15, 2016 (*Tuesday*)

- 09:30 -- 11:15 > *Pattern Recognition* by **Deba Prasad Mandal**
- 11:30 – 13:15 > *Image Processing* by **Bhabatosh Chanda**
- 14:30 – 16:00 > *Computer Vision* by **Dipti Prasad Mukherjee**

### March 16, 2016 (*Wednesday*)

- 09:30 -- 11:00 > *Classification of multispectral images* by **S. K. Parui**
- 11:15 – 12:15 > *Graph Colorings using Decomposition Theorems* by **T. Karthick**
- 12:30 – 13:30 > *Geometric Intersection Graphs* by **Mathew C. Francis**
- 14:45 – 16:00 > *Introduction to Cryptology* by **Goutam Paul**
- 19:00 – 21:00 > **Banquet**

### March 17, 2016 (*Thursday*)

- 09:30 -- 11:00 > *A Brief Introduction to Artificial Neural Networks* by **Rajat K De**
- 11:15 – 12:15 > *Introduction to Video Processing* by **Partha Pratim Mohanta**
- 12:30 – 13:30 > by **Saroj Meher**
- 14:45 – 16:00 > *Introduction to Mathematical Morphology* by **B S Dayasagar**

### March 18, 2016 (*Friday*)

- 09:30 -- 11:15 > *Introduction to Natural Language Processing* by **Utpal Garain**
- 11:30 – 13:15 > *Some Computational Issues in Low and High Level Vision* by **Kuntal Ghosh**
- 14:30 – 15:30 > **Valedictory Session**

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