



A Report Workshop on Statistical Data Analysis Methods

November 18-24, 2015

Department of Information Technology
Tripura University, Agartala



JOINTLY CONDUCTED BY

**Interdisciplinary Statistical
Research Unit (ISRU)
Indian Statistical Institute
Kolkata**

AND

**Department of Information
Technology
Tripura University
Agartala**



The Inaugural Session: The Co-ordinator, Prof. Ayanendranath Basu, ISRU, Indian Statistical Institute lighting the lamp

A seven-day workshop on Statistical Data Analysis Methods was conducted by Interdisciplinary Statistical Research Unit (ISRU), Indian Statistical Institute, Kolkata, in collaboration with the Department of Information Technology (DIT), Tripura University (TU), Agartala, during November 18-24, 2015 at Tripura University, Agartala, Tripura.

The target group for this workshop included teachers, researchers from North-Eastern India having varied academic background and practitioners in North- Eastern India who are required to deal with statistical data analysis in their official activities.

The total number of applicants was 121, out of which 42, hailing from Assam, Meghalaya, Mizoram, Nagaland and Tripura, were selected. Of these, 37 ultimately turned up for the workshop.

The goal of the seven-day workshop was to train the participants in the basics of many useful statistical methods of data analysis through interactive sessions using R-software.

Prof. Ayanendranath Basu of ISRU, ISI, was the academic co-ordinator and Dr. Abhishek Das of DIT, TU, was the local co-ordinator.

The inauguration ceremony commenced with a welcome note by Dr. Das. Prof. Rita SahaRay graced the occasion as the chief guest and delivered the welcome address on behalf of ISRU. Prof. Ayanendranath Basu and Prof. Barin Kumar Dey of the Department of Physics, Tripura University, were the Guests of Honour for the session which was presided over by Prof. Anjan Mukherjee, the Pro-Vice Chancellor of Tripura University. A few students of the university staged music recitals.

Prof. SahaRay delivered lectures on Descriptive Statistics, Probability and Statistical Distribution Theory as well as Statistical Inference. Dr. Amita Pal lectured on Multivariate Methods and an overall introduction to R was given by her to the participants. Prof. Smarajit Bose delivered a couple of lectures covering Simple and Multiple Linear Regression, while Dr. Kiranmoy Das discussed Categorical Data Analysis and Time Series Analysis in two lectures. Dr. Sourabh Bhattacharya covered some

useful Multivariate Methods in his talk. Prof. Bose as well as Drs. Pal and Das demonstrated the implementation of various data analytic methods in R to the participants over a number of sessions.



Participants of the workshop attending one of the sessions



Group Photo of the participants with some of the resource persons from ISI and local coordinator of Tripura University

At the successful conclusion of the workshop, Prof. SahaRay delivered the valedictory speech and participation certificates were distributed to the participants by her and Dr. Kiranmoy Das.



The workshop ended with feedback from the participants who lauded the efforts put in by the institute in organizing such a useful, beneficial and informative workshop.