

SCIENTIFIC PROGRAMME

Venue : Kavivarya Kusumagraj Marathi Bhasha ani Sahitya Bhavan, University of Mumbai,
Vidyanagari Santacruz (E), Mumbai 400 098

Day 1: Monday, June 27, 2016

09.00 a.m. to 10.00 a.m. REGISTRATION AND REFRESHMENTS

10.00 a.m. to 10.45 a.m. INAUGURATION

Sharda Stavan, University Song and Lighting of Lamp Inauguration
by **Hon. Education Minister Shri. Vinodji Tawde** and
Hon. Vice Chancellor Professor Sanjay V. Deshmukh, University
of Mumbai.

10.45 a.m. to 11.30 a.m. BOOK PUBLICATION

“Examples in Parametric Inference Using R” authored by Prof. Ulhas
J. Dixit. Published by Springer.

By Prof. Y. S. Sathe, Former Head, Department of Statistics,
University of Mumbai,

and Prof. T. J. Rao, Indian Statistical Institute, Kolkatta

11.30 a.m. to 12.20 noon TEA BREAK

12.20 noon to 01.30 p.m. INVITED SESSIONS

Chairperson: Prof. (Mrs.) M. R. Satam

	Speaker	Title of talk
01	Prof. T. J. Rao, Indian Statistical Institute, Kolkatta	On Certain Innovative Concepts in Sampling Theory and Practice and their Historical Background.
02	Prof. R. B. Bapat, Indian Statistical Institute, Delhi	The many facets of rank additivity.

01.30 p.m. to 02.30 p.m. LUNCH BREAK

02.30 p.m. to 03.30 p.m. INVITED SESSIONS

Chairperson: Prof. R. G. Shenoy

	Speaker	Title of talk
01	Somesh Kumar, I. I. T., Kharagpur	Improved Estimation of Location and Scale Parameters in Scale Mixture Distributions
02	H. V. Kulkarni, Shivaji	Integrated Likelihood Tests for Analysis of Mean

03.30 p.m. to 03.50 p.m. TEA BREAK

03.50 p.m. to 05.50 p.m. PARALLEL CONTRIBUTORY SESSIONS (CONTINUED)

Day and Date: Monday, 27th June, 2016

Contributory session – I: Distribution Theory and Statistical Inference

Chairperson: A. Subramanyam

Venue: Statistics Laboratory (second floor)

No.	Paper code	Title of research article and authors
01	INF 08	Nonparametric Tests for Independence Against Positive Dependence Parameshwar V. Pandit
02	INF 01	Estimation of the Parameters of Truncated Binomial Distribution in the Presence of Outliers Dr. U. J Dixit and Shailaja G. Kelkar
03	INF 02	Estimation of Parameters of a Multivariate Geometric Distribution U. J. Dixit and S. Annapurna
04	INF 03	Estimation of the Lomax distribution in the Presence of Outliers Mehdi Jabbari Nooghabi and Yasaman Zinati
05	INF 04	Tests for Scale Parameter of Asymmetric Log Laplace Distribution Pradnya P. Khandeparkar, V.U. Dixit
06	INF 05	On Estimation of the Parameters of Gamma Lindley Distribution Parviz Nasiri
07	INF 15	Improved Estimators of A Bivariate Distribution with Gamma & Beta Marginals With Application To Drought Data Dixit U. J. and Khare S. N.

Day and Date: Monday, 27th June, 2016

Contributory session – II: Linear Model, Design of experiments and Sampling

Chairperson: Sanjeev Sabnis

Venue: Statistics Laboratory (third floor)

No.	Paper code	Title of research article and authors
01	DES 01	One way ANOVA model with Under Reported Counts

Debjit Sengupta and Surupa Roy

02 DES 02 A New Modification To Adaptive Nadaraya-Watson Kernel Regression Estimator

Dr. Venkatesh B. Joshi and Bhargavi Deshpande

03 DES 03 Construction of n-ary t-designs by using BSP Methodology.

Mr.G.S.Phad and Dr.D.D.Pawar

04 DES 04 Construction of Super-Saturated Designs Using Triangular and Cyclic Type PBIBD's

SK. Ameen Saheb

05 SAM 01 On Computation of Inclusion Probabilities of Sampling Units in Adaptive Sampling.

Jayant K Kshirsagar and Sharad D Gore

Day and Date: Monday, 27th June, 2016

Contributory session – III: Reliability

Chairperson: T. V. Ramanathan

Venue: Old Lecture Complex Room Number 17

No.	Paper code	Title of research article and authors
01	REL 02	Modeling Reliability of a Shock Model with Repair Facility Munoli S. B. and Byakod S. R.
02	REL 01	Reliability Modelling of Generator Using Weibull Distribution Dhananjay. R. Dolas and Varsha D Jadhav
03	REL 03	Estimation of parameters of component lifetime distribution in a coherent system M.G. Kulkarni and M.B. Rajarshi
04	REL 04	On Two Component Parallel Load Sharing Systems with Ties Santosh Shashikant Sutar and Prof. U. V. Naik-Nimbalkar
05	REL 05	Probabilistic Performance Analysis a of Redundant System using Regenerative Point Technique R. K. Bhardwaj and Komaldeep Kaur

Day 2: Tuesday, June 28, 2016

09.00 a.m. to 09.40 a.m. REFRESHMENTS

09.40 a.m. to 11.20 a.m. INVITED SESSIONS

Chairperson: Prof. T. J. Rao

	Speaker	Title of talk
01	Vivekananda Roy, Iowa State University	Standard errors for importance sampling estimators with multiple Markov chains
02	Tathagata Bandyopadhyay, Indian Institute of Management, Ahmadabad	Testing equality of means of bivariate normal distribution using unlabelled data
03	K. S. M. Rao, Botswana University	A new look at the motivating factor of classical nonparametric tests.

11.20 a.m. to 11.40 a.m. TEA BREAK

11.40 a.m. to 01.00 p.m. INVITED SESSIONS

Chairperson: Prof. K. S. Madhav Rao

	Speaker	Title of talk
01	Ramanathan T. V. Savitribai Phue Pune University	Joint modeling of a discrete and continuous random variable.
02	Sanjeev Sabnis, I I T, Mumbai	Application of Sure Independence Screening and Lasso For Statistical Analysis Of Glimo Serum Samples Having Very Small n and Very Large p.

01.00 p.m. to 02.00 p.m. LUNCH BREAK

02.00 p.m. to 03.40 p.m. PARALLEL CONTRIBUTORY SESSIONS

03.40 p.m. to 03.50 p.m. TEA BREAK

03.50 p.m. to 05.00 p.m. PARALLEL CONTRIBUTORY SESSIONS (CONTINUED)

06.00 p.m. to 08.00 p.m. CULTURAL PROGRAMME

Santoor recital by

Padmashri Pandit Satish Vyas, Alumni of Department of Statistics

08.00 p.m. to 10.00 p.m. DINNER (Venue: Marathi Bhasha Bhavan)

Day and Date: Tuesday, 28th June, 2016

Contributory session – I: Statistical Inference

Chairperson: Sunil Mathur

Venue: Statistical Laboratory (second floor)

No.	Paper code	Title of research article and authors
01	INF 07	Statistical Inference On The Pareto Distribution Based on First-Failure Censored Sample Plan Abbas Rasouli
02	INF 09	Classical Tests of Hypotheses for The Skewness Parameter of Two Piece Double Exponential Distribution Leela Subramanian and V U Dixit
03	INF 10	On Generalization Of Kiefer Bound For Any Parametric Function A. Shanubhogue and D.B. Jadhav
04	INF 11	Class of Tests For Positive Quadrant Dependence Based On Order Statistics Savitha Kumari and Parameshwar V. Pandit
05	INF 12	Two Classes Of Distribution-Free Tests For Special Two-Sample Location Problem Deepa R. Acharya and Parameshwar V Pandit
06	INF 13	A Procedure For Simultaneous Comparisons Between Location Parameters of Successive and Extreme Exponential Population Narendra Kumar, Parminder Singh, and Amar Nath Gill
07	INF 14	Simultaneous Confidence Intervals for Differences of Location Parameters of Several Exponential Populations From a Control Under Heteroscedasticity Aarti Goyal, Vishal Maurya, and Amar Nath Gill
08	INF 06	Inference for the parameter of Burr-type X model using vague information Iman Makhdoom , Parviz Nasiri , and Abbas Pak

Day and Date: Tuesday, 28th June, 2016

Contributory session – II: Stochastic and Time series

Chairperson: R. B. Bapat

Venue: Statistical Laboratory (third floor)

No.	Paper code	Title of research article and authors
01	STO 06	Stochastic Linear Programming With Cauchy Distributed Random Variables S. Bagh
02	STO 07	A new generalization of exponential distribution and related time series models K. Jayakumar
03	STO 01	Testing Constancy of the Thinning Parameter in Geometric INAR(1) Model Manik Awale, and T.V.Ramanathan
04	STO 02	Estimation of the Parameters of the Offspring Distributions in Second Order Branching Process Akanksha S. Kashikar
05	STO 03	Parameter Estimation of SIR Epidemic Model Using MCMC Methods A. S. Talawar and U. R. Aundhakar
06	STO 04	Stochastic Modeling of Vector Borne Disease A. S. Talawar and U. R. Aundhakar
07	STO 05	On Some Time Series Models with Laplace Marginals Bindu Krishnan and Dais George
08	STO 08	Stochastic Analysis of a System of Non Identical Units with Priority and Preventive Maintenance Vikas Garg and M.S. Kadyan

Day and Date: Tuesday, 28th June, 2016

Contributory session – III: Applied Statistics

Chairperson: Somesh Kumar

Venue: Old Lecture Complex Room Number 17

No.	Paper code	Title of research article and authors
01	APP 04	Bayesian S and S ² control charts for process Variation Sharada V. Bhat and Kailas D. Gokhale
02	APP 01	Multi Item Fuzzy Stochastic Inventory Model R. H. Waliv and H. P. Umap
03	APP 03	An Adroit Nonlinear Programming Problem Using Branch And Bound Method Housila P. Singh, Tanveer A. Tarray and Swarangi Gorey
04	APP 05	Estimation of Life Expectancy of Assam : A Simulation Base Study Karuna Gogoi and Manash Pratim Barman
05	APP 06	Child Mortality Scenario Influenced by Women's Status In India: A Study on The Basis of National Family Health Survey 2005-2006 Mritunjay P. Singh, A. Bharti, K. K. Pandey, and R. D. Singh
06	APP 07	Analysis The Impact of Marital Duration on First Birth Interval For Heterogeneous Group of Female Abhishek Bharti, B. P. Singh
07	APP 09	Trivariate Meta-Analysis of Diagnostic Studies Using Various Link Functions Accounting For Prevalance and Missing Subjects Savita Jain, Suresh K. Sharma and Kanchan Jain
08	APP 02	Blockwise Analysis of the Status of Deprivation in Nagpur Region: A Factor Analytic Approach AD Gotmare, PD Sohale, Waman Kale, JV Chaudhury, P. Bhagurkar
09	APP 08	Data driven measures of symmetry of market sentiments K.S. Madhava Rao and K.K.Moseki

Day 3: Wednesday, June 29, 2016

09.00 a.m. to 09.40 a.m. REFRESHMENTS

09.40 a.m. to 11.20 a.m. INVITED SESSION.

Chairperson: Prof. Vivekanand Roy

	Speaker	Title of talk
01	Sunil Mathur, Augusta University	Empirical distribution function based multivariate test for two sample location problem
02	A. Subramanyam, IIT Bombay	The Pickands Bivariate Exponential Distribution.
03	Mohan M. Kale, Savitribai Phule Pune University, Pune	Modeling Maternal –Infant HIV Transmission with Lag Time distributions as Exponential, Geometric and Shifted Geometric Distribution

11.20 p.m. to 11.40 p.m. TEA BREAK

11.40 p.m. to 01.00 p.m. INVITED SESSIONS

Chairperson: Prof. Tathagata Bandyopadhyay

	Speaker	Title of talk
01	Abhay Bhat, ISI Delhi	Charachterization of Markovian Generators.
02	D. T. Shirke, Shivaji University	Data Depth Based Tests for Multivariate Multi-sample Location Problem.

01.00 p.m. to 02.00 p.m. LUNCH BREAK

02.00 p.m. to 03.30 p.m. PARALLEL CONTRIBUTORY SESSIONS

03.30 p.m. to 03.50 p.m. TEA BREAK

03.50 p.m. to 04.30 p.m. VALEDICTORY FUNCTION

Day and Date: Wednesday, 29th June, 2016

Contributory session – I: Distribution Theory and Statistical Inference

Chairperson: Dr. Parameshwar Pandit

Venue: Statistics Laboratory (second floor)

No.	Paper code	Title of research article and authors
01	DST 01	A new class of exponential transformed Lindley distribution and its Application to Yarn Data. Arun Kaushik, Sandeep K. Maurya, Sanjay K. Singh and Umesh Singh
02	DST 02	On Length and Area Biased Maxwell Distributions Dr. Vikas Kumar Sharma, Prof. S. Dey, Prof. S. K. Singh and Miss. U. Manzoor
03	DST 03	A new method of proposing distribution and its application to real data Rajwant K. Singh, S. K. Maurya, A. Kaushik, S. K. Singh and Umesh Singh

Day and Date: Wednesday, 29th June, 2016

Contributory session – II: Sampling Theory

Chairperson: Prof. (Mrs.) S. P. Nabar

Venue: Statistics Laboratory (third floor)

No.	Paper code	Title of research article and authors
01	SAM 03	Improved Searls Type Logarithmic Estimators Using Auxiliary Information S. K. Pandey, Shashi Bhushan and Raksoni Gupta
02	SAM 04	Generalized class of estimators for population mean under scrambled response in sample surveys. S. Suman and G. N. Singh
03	SAM 05	A proficient optional randomized response model for estimating a rare sensitive attribute using Poisson distribution Tanveer A. Tarray
04	SAM 02	Estimation of Population Mean in h-Occasion Successive Sampling using Imputation for Missing Data A.K. Singh and G. N. Singh

Day and Date: Wednesday, 29th June, 2016

Contributory session – III: Reliability

Chairperson: Dr. (Mrs.) S. B. Munoli

Venue: Old Lecture Complex Room Number 17

No.	Paper code	Title of research article and authors
01	REL 07	Estimation of Parameter For Hybrid Life Test Suparna Basu, Sanjay K. Singh and Umesh Singh
02	REL 08	Reliability Analysis of a Standby System With Arrival Time of Service Facility R. Singh, R. K. Bhardwaj
03	REL 09	On Hybrid Censored Inverse Lomax Distribution Application to Survival Data Abhimanyu Singh Yadav, S. K. Singh, and Umesh Singh
04	REL 06	Profit Analysis of a 1-Out-Of-2system With Single Standby Pooja Jain, Dheeraj Pawar and S. C. Malikprathamesh

