

INTERNATIONAL CONFERENCE

on

CHANGING PARADIGMS AND EMERGING CHALLENGES IN STATISTICAL SCIENCES

in conjunction with

**Twentieth Annual Conference of the Society of
Statistics, Computer and Applications (SSCA)**

**to be held at Department of Statistics, Pondicherry
University, Puducherry 605 014**

29 to 31 January 2018

Convener

**Tirupathi Rao Padi, Head Department of Statistics, Pondicherry
University (drtrpadi@gmail.com; Mob. 09486492241)**

Organizing Secretary

**Dr. R. Vishnu, Assistant Professor, Department of Statistics,
Pondicherry University (rvvcrr@gmail.com; Mob. 09487609603)**

Various thematic areas identified

| | | |
|-----------------------------------|--|------------------------------------|
| Artificial Neural Networks | Design of Experiments | Sampling Techniques |
| Bayesian Inference | Econometrics | Statistical Genomics |
| Big Data Analytics | Financial Statistics | Statistical Inference |
| Biomedical Informatics | Geo and Spatial Statistics | Statistical Modelling |
| Biostatistics | Multivariate Analysis | Statistical Quality Control |
| Business Intelligence | Official Statistics | Statistical Soft Computing |
| Data Envelopment Analysis | Operational Research | Survival Analysis |
| Data Mining | Probability & Distribution Theory | Time Series Analysis |
| Data Science | Reliability Theory | Total Quality Management |
| Decision Theory | | |

A. CHIEF GUEST (20 minutes for presentation during Inaugural Session)

R.B. Barman (rbbarman@gmail.com; barmanrb@gmail.com)
Chairman, National Statistical Commission, Govt. of India

B. KEYNOTE ADDRESS (40 minutes for presentation during Inaugural Session)

Mausumi Bose (mausumi.bose@gmail.com)
ISI, Kolkata

C. DR MN DAS MEMORIAL LECTURE (45 minutes for presentation; total session of 60 minutes duration)

Rajeeva Karandikar (rlk@cmi.ac.in)
Director, Chennai Mathematical Institute

D. J.K. Ghosh Memorial Session (35 minutes for each presentation)

1. AlopeDey (alokedey@gmail.com)

2. Arun Nigam (dr_aknigam@yahoo.com)
“Controlled sampling”

3. Bikas Sinha (bikassinha1946@gmail.com)

E. PLENARY SPEAKERS (35 minutes for each presentation)

1. B.V. Rao (bvrao@cmi.ac.in)
“Stochastic Modelling”

2. K. Srinivasa Rao (ksraoau@gmail.com)

3. R.B. Barman (barmanrb@gmail.com)

4. T.S. Arthanari (tiru111@gmail.com)

F. FINANCIAL STATISTICS AND INDICATORS (30 minutes for each presentation)

1. **A.C. Kulshreshtha (ackulshreshtha@yahoo.com)**
“Measuring Financial Services and Indicators – Challenges”
2. **K.J.S. Satyasai (satyasaik@outlook.com)**
Understanding Rural credit Statistics

F. INVITED SPEAKERS (30 minutes for each presentation)

1. **A. Dhandapani (dhandapani.appavoo@gmail.com)**
2. **A.M.S. Ramasamy (amsramasamy@gmail.com)**
3. **A. Rajagopal (abrameya@gmail.com)**
4. **Abhishek Rathore (reach2abhi@gmail.com; a.rathore@CGIAR.ORG)**
5. **Alka Arora (alka27@yahoo.com)**
6. **Aquil Ahmed (aqlstat@yahoo.co.in)**
7. **Ashis Sen Gupta (amsseng@gmail.com)**
8. **B.N. Mandal (mandal.stat@gmail.com)**
"Algorithmic construction of weighted A-optimal balanced treatment incomplete block designs"
9. **B. Re. Victor Babu (victorsugnanam@yahoo.co.in)**
10. **Binu V. S. (binu.vs@manipal.edu)**
11. **C.T. Jose (ctjos@yahoo.com)**
"Spatial techniques in field experiments with tree crops"
12. **D.K. Dey (dkdey59@rediffmail.com)**
“Stabilization target in India through projected population”
13. **D.S. Guru (dsguruji@yahoo.com)**
14. **Dilip K. Ghosh (ghosh_dkg@rediffmail.com)**

15. **Dwijesh Mishra (dwij.mishra@gmail.com)**
“Genomic prediction: A way forward to molecular breeding”
16. **G. Gopal (govgopal@yahoo.com)**
17. **Hukum Chandra (hchandra12@gmail.com)**
18. **K. Muralidharan (lmv_murali@yahoo.com)**
19. **K.V. Palanichamy (PalanichamyPalani@prahs.com)**
20. **K.V.S. Sarma (smskvs@gmail.com)**
21. **L.M. Bhar (lmbhar@gmail.com)**
22. **M.K. Choudhary (ritamanoj15@gmail.com)**
23. **M.R. Srinivasan (mrsvasan8@hotmail.com)**
24. **Manish Sharma (manshstat@gmail.com)**
25. **P.R.Vittal (vittal_ramaseshan@yahoo.com)**
26. **P. Rajshekhara Reddy (putharsr@yahoo.co.in)**
27. **Piyush Rai (raipiyush5@gmail.com)**
28. **Prabhusaran Nagarajan (leptoprabhu@gmail.com)**
29. **Prithvi Yadav (prithviyadav64@gmail.com)**
30. **R. Chandrasekaran (drrcmcc@gmail.com)**
“On the uses of artificial neural networks in classification problems”
31. **R.M. Pandey (rmpandey@yahoo.com)**
32. **R. Venugopalan (gopalantry@yahoo.com)**
33. **Rahul Gupta (rahulgupta68@yahoo.com)**
“Bayesian analysis of some truncated distributions”
34. **Rajender Parsad (rajender1066@yahoo.co.in)**

35. Ravindra Srivastava (srivastava_ravindra@yahoo.co.in)
36. S.B. Lal (sblall16@gmail.com)
37. S.C. Malik (sc_malik@rediffmail.com)
38. S.N. Dwivedi (dwivedi7@hotmail.com)
"Statistics in meta analysis and related sub-group and sensitivity analysis"
39. S. Sadagopan (prof.s.sadagopan@gmail.com)
40. Sangeeta Arora (sarora131@gmail.com)
"Lorenz dominance and related results for some specific distributions"
41. Sanjeev Sabnis (sbnissanjeev@gmail.com)
42. Seema Jaggi (Seema.Jaggi@icar.org.in; jaggi_seema@rediffmail.com)
43. Sheela Misra (drsheelamisra@gmail.com)
44. Siuli Mukhopadhyay (siulimukherjee@gmail.com)
45. Shalini Chandra (chandrschalini@gmail.com)
46. Sreekumaran Nair (nsknairmanipal@gmail.com)
47. U.V. Somayazulu (somayajulu.uv@sigma-india.in)
48. V. Parameshwar Pandit (panditpv12@gmail.com)
"Some Aspects of Statistical Inference on Stress-strength Reliability for Some Specific Distributions"
49. V. Srinivasa Rao (vs_raoin@yahoo.co.in)
50. Vijayaraghava Kumar (vrkumarambat@gmail.com; vr.kumar@kau.in)
"Quantile regression analysis"
51. Vyas Dubey (dubey_vyas@rediffmail.com)
52. Yageen Thomas (yageenthomas@gmail.com)