



National Conference

on

Challenges and Opportunities in Statistics and Informatics
for Futuristic Humansphere Especially in Agriculture
(COSIFHA)

29 - 31 January, 2019

in conjunction with
21st Annual Conference

of

Society of Statistics, Computer and Applications (SSCA)
(www.scca.org.in)



Organized by

Department of Statistics and Computer Applications
Acharya NG Ranga Agricultural University
Lam Guntur, Andhra Pradesh, India
(<http://www.angrau.ac.in>)

Conference Venue

Department of Statistics and Computer Applications
S.V. Agricultural College, Tirupati – 517 502, Andhra Pradesh

Dr. P. Ramesh Babu

Chairman

Associate Dean

SV Agricultural College

ANGRAU, Tirupati

Dr. V Srinivasa Rao

Convener

Professor & Univ. Head

Department of Statistics &

Computer Applications

ANGRAU

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Dr. G. Mohan Naidu

Organizing Secretary

Associate Professor & Head

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Theme of the Conference

The conference aims to provide a common platform for researchers, academicians, corporate people involved in theory of statistical sciences and informatics and their fusion in other sciences, especially in agricultural sciences. Disseminating new innovations, ideas through novel ways; inspiring the young minds to galvanize the research arena and expanding the scientific horizons of statistical thinking are the other important objectives of the conference. The target of hosting the conference is to bring together researchers in statistical sciences and informatics to exchange the researches made thus far and to explore the opportunities to meet the future challenges of research through new vistas of modern technology and its engineering. The conference intends to excel the creativity of the delegates by contributing the remarkable and productive research outputs. The conference will be studded with activities like keynote address; plenary talks; the prestigious Dr. M.N. Das Memorial Lecture; special invited talks by eminent statisticians/biostatisticians, bio-informaticians, computer scientists, finance and management professionals; presentation of contributory papers, etc., which will be organized on the topics of current interest and theme of the conference. In addition, presentations from young scientists will be made for the Dr. M.N. Das Memorial Young Scientist Award. The said conference on Challenges and Opportunities in Statistics and Informatics for Futuristic Humanosphere Especially in Agriculture will be embedded with all the relevant core areas. Department of Statistics and Computer Applications, Acharya NG Ranga Agricultural University along with Society of Statistics, Computer and Applications (SSCA), will make all out sincere efforts to excel the advanced developments of the emerging areas with statistical science and technology.

The Agricultural University

Acharya NG Ranga Agricultural University (ANGRAU), a premier institute in agricultural education in India, has to its credit more than 50 years of remarkable service to the farming community and has developed professional human resources in scientific Agriculture. ANGRAU has 5 Agricultural Colleges, 2 Colleges of Agricultural Engineering, 2 Colleges of Food Science and Technology, 1 College of Community Science, 2 Post-graduate centers and 79 Polytechnics. In addition, 6 Agricultural Colleges and 79 Polytechnics are working in affiliations to the university. The university is well known for its widely popular crop varieties and production technologies resulted out of unparalleled efforts of 36 research stations and are reaching the unreached through strong extension efforts by 14 KVKs and 13 DAATTCs in the State. The University, amidst agri-rich farming situations has been gaining importance as an institution of the National Importance with new vigour to furtherance of agricultural prosperity and farmer welfare in the state.

The Department of Statistics and Computer Applications

The Department of Statistics & Computer Applications was established in the year 2006. The Department is offering service courses / courses to B.Sc. (Agril.), B.Tech.(Agril.Engg.), B.Sc. (Community Science), M.Sc. (Agril), M.Tech. (Ag.Engg.) and M.Sc. Agricultural Statistics (two years) students. The thrust areas of research in the Department are Statistical Inference, Computer Aided Data Analysis, Design of Experiments, Forecasting, Datamining, etc. The faculty members have published good number of research articles in important refereed journals of National and International repute. The faculty members are actively involved in inter-disciplinary research programmes. The Department organizes ICAR sponsored short courses/training programmes on Advanced Computational and Statistical Tools for Data Analysis for faculty of ICAR/SAUs in India.

About Tirupati

Tirupati is a city in Chittoor district of the Indian state of Andhra Pradesh. Tirupati, also named as the Best Heritage City, is a devotional city and lies at the foot of the Seshachalam Hills of Eastern Andhra Pradesh.



Sri Venkateswara National Park is a national park and biosphere reserve, which is part of Seshachalam Hills. Built on the concept of Hindu Mythology, Sri Venkateswara Zoological Park is a zoo located at Tirupati and is Asia's Second largest zoo with an area of 5500 acres. Tirupati is known for world - famous Tirupati Laddu, the prasadam at Sri Venkateswara Swamy Temple, Tirumala. Tirupati is home to many educational institutions and universities like Sri Venkateswara University, Sri Venkateswara Vedic University, International Institute of Digital technologies, Indian Institute of Technology, Tirupati, etc.

Conference Topics

The thrust areas of the conference include but not limited to the following topics:

Artificial Neural Networks	Digital Agriculture	Probability and Distribution Theory	Statistical Modeling for economic and agricultural phenomena
Bayesian Inference	Design of Experiments	Reliability Theory	Statistical Genomics
Big Data Analytics ~ Unlocking the future for Agriculture	Financial Statistics	Rural Urban Divide	Time Series Analysis and Forecasting
Bio Medical Informatics	Food and Nutritional Security and Sustainable agriculture	Sampling Techniques	Survival Analysis
Bio-Informatics	Geo and Spatial Statistics	Smart Farming vis-a-vis Internet of things (IoT) and Data Science	Sustainable Development Goals
Bio-statistics	Multivariate Analysis	Soft Computing	Statistical Quality Control
Business Analytics	Official Statistics	Statistical Decision Theory	Total Quality Management
Data Mining	Operational Research	Remote Sensing Techniques	Stochastic Modeling

Call for Papers

The authors are invited to contribute their papers for presentation in the conference. There will be both oral and poster presentations. The abstract of the contributing paper should focus on the items such as objective of the study, methodology, research findings and scope of the study. There will be a review on the abstracts by experts and selection of the paper for oral or poster presentation would be based on the recommendations of the appointed committee. Conference secretariat is planning to bring out the proceedings of the conference after a peer review process. The authors are requested to prepare their full length paper and communicate the same as per the scheduled time. Preference will be given to the papers with new theoretical contribution, novel applicability of existing tools with state of art to be included in the proceedings. The participants are requested to send the abstracts of their papers as per the format mentioned below. They are also requested to send their soft copy to **email: cosifha2019@gmail.com** before the schedule date.

Abstract Format:	Please observe the following instructions while preparing the abstract
Text Format:	Microsoft Word format
Title:	Limited to 200 characters in length. Use initial caps in the title; do not use all caps
Author(s):	Type all authors' names with initial caps. Include affiliations for all authors using tags if necessary.

Address:	Contact/ Presenting authors' names and mailing address and e-mail addresses.
Keywords and Phrases:	Maximum 5 key words or Phrases.
Abstract Body:	Limited to 200 words
Equipment Needs:	Indicate your Audio-Visual equipment needs at the end of the abstract

Important Dates

Submission of abstract	:	30/11/2018
Communication Acceptance of abstract	:	10/12/2018
Payment of Registration fees	:	31/12/2018 (without late fee) After 1/12/2018 (with late fee)
Submission of full length paper	:	10/01/2019

Registration

All the participants of the conference are required to send the demand draft in favour of **“The Organising Secretary, SSCA- 2019”** payable at Tirupati, **Andhra Bank (Branch Code: 002098)**, SV Veterinary University Campus, Thummalagunta, Tirupati, AP – 517502 or use the **IFSC code ANDB0002098** for online transfer of the amount to the **Account No: 209810100021666**. The following are the details of the registration fee. The costs of registration fees include three lunches, dinners, conference banquet, coffee/tea during sessions and conference kit. The accommodation charges will be borne by the delegates.

Participants	Registration Fee	
	Before 31/12/2018	After 31/12/2018
Teachers/Scientists	Rs. 4,000.00	Rs. 4,500.00
Research Scholars/Students	Rs. 2,500.00	Rs. 3,000.00
Industry	Rs. 5,000.00	Rs. 6,000.00
Accompanying Person	Rs. 2,000.00*	Rs. 2,500.00*
Foreign delegates	US\$ 200.00	US\$ 225.00

*Accompanying person will not be provided the conference kit.

Accommodation

Participants are requested to make their own arrangements for their stay during the conference days. However, we are pleased to announce that the conference secretariat will give the necessary assistance for providing accommodation on request. Tirupati is a renowned pilgrimage city. There are good numbers of star hotels as well as moderately affordable hotels. The tariffs of these hotels may be ranging from Rs. 800/- to Rs. 5000/- per night (with a check in and checkout at 12 noon of the day). A list of hotels and other accommodation will be available at the website of the conference hosted at the website of the SSCA.

Other Conference Events

Dr. M N Das Memorial Lecture

*The Society of Statistics, Computer and Applications awards young scientists every year as recognition of their outstanding research in the area of Statistics and Informatics with potential applications in various

sciences like agriculture, finance, medicine, education, etc. The award is open to all young Indian scientists, whether member of the Society of Statistics, Computer and Applications or not. The upper age limit of the scientist for the award will be 35 years as on 01 January 2019. The research in the form of research paper submitted for the award could be written jointly with other co-authors but the young scientist applying for award must be the first author of the paper. The award would be given only to the first author. For the procedure of application and other details, please see the link AWARDS at the website of the society (www.ssca.org.in). Last date for submitting the paper is 31 October 2018.

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Vice-Chancellor
A.N.G.R. Agril. University

Patrons

V.K.Gupta
President, SSSA
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N.V. Naidu
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Co-Patron

R.B.Barman
Patron, SSSA

Chairman

P. Ramesh Babu
Associate Dean
SV Agricultural College
Tirupati - 517502

Convener

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ANGRAU
Agriculture College
BAPATLA - 522 101, AP.

Organizing Secretary

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SV Agriculture College
Tirupati -517 502, AP.

Co-Organizing Secretary

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Dept. of Statistics & Comp. Appl.
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SV Agriculture College
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Name:

Gender:

Designation and Affiliation:

Address for correspondence:

Mobile:

Email:

Are you presenting a paper: Yes / No

Title of the paper:

Authors:

Accommodation required: Yes / No

Date & Time of arrival:

Category of Delegate (please tick): **Academician/ Industrialist/ Student/ Research scholar/ Foreigner**

Nature of Talk (please tick): **Plenary Talk/ Invited Talk/ Contributed Paper/ Poster Presentation**

Payment Mode Please tick: **Online/ Offline**

The demand draft/multicity cheque should be in favour of "The Organizing Secretary, SSCA-2019" payable at S.V. Veterinary University Campus, Thummalagunta, Tirupati, AP – 517502 Branch, Andhra Bank (Branch Code: 002098) or you can use the IFSC Code ANDB0002098 for online transfer of the amount to the Savings Bank Account No: 209810100021666.

If Online (please provide): Online transaction number: Date:

Amount Transferred: Rs. Bank details:

If Offline (please tick): Demand draft/ Multicity Cheque number: Date:

Issuing bank: Branch:

Details of accompanying person, if any:

Signature of delegate

(For Research Scholars)

This is to certify that Mr./Ms. is a Full-Time/Part-Time Research Scholar of the Department of University.....

Signature & Seal of HOD