26th Annual Conference of
The Society of Statistics, Computer and Applications (SSCA)
International Conference
on
Emerging Trends of Statistical Sciences in AI and its Applications
(ETSSAA-2024)
February 26-28, 2024

Organized by
Department of Mathematics and Statistics
&
Centre for Artificial Intelligence
Banasthali Vidyapith, Banasthali-304022, Rajasthan, INDIA.
Conference Website: sscabv2024.org

About the Conference

The 26th Annual Conference of the Society of Statistics, Computer and Applications (SSCA), is being jointly organized by the Department of Mathematics and Statistics & Centre for Artificial Intelligence, Banasthali Vidyapith, Banasthali on "Emerging Trends of Statistical Sciences in AI and its Applications (ETSSAA-2024)" during February 26-28, 2024. The conference aims to bring Statisticians working in diverse fields on a common platform to discuss and deliberate on topics of regional and global issues. The conference is expected to facilitate the influx and exchange of ideas that would spur minds, both young and experienced, to come out with new innovative solutions for critical problems through statistical theory, applications, and computing. The conference programme will consist of a series of important talks viz., Keynote address, prestigious **Professor M.N. Das Memorial Lecture**, plenary talks, and invited talks by eminent researchers and policy makers as well as young researchers, along with several sessions of contributed papers/posters by the participants. The main highlight of the conference will be the **JK Ghosh Memorial Endowment Lecture, the BK Kale Memorial Endowment Lecture, the Bikas K. Sinha Endowment Lecture, the VK Gupta Endowment Award Lecture and the Aditya Shastri Memorial Lecture**. Participants shortlisted for the Professor M.N. Das Memorial Young Scientist Award will present their research in a special session at the conference, based on which a panel of experts will decide the winner. A special session focusing on issues and innovative solutions in Financial Sector will be another major attraction of the conference.

Major Themes

The various topics identified for the conference in tune with the main theme of the conference are (but are not limited to):

Artificial Intelligence	Distribution theory	Multivariate Analysis	Statistical modeling
Big data	Econometrics	Neural networks	Stochastic process
Bioinformatics	Financial statistics	Official statistics	Structural equation modeling
Biostatistics	Food and nutritional security	Population studies	Survey sampling
Data analytics	Geo and spatial statistics	Probability theory	Survival Analysis
Data mining	Machine learning	Soft computing	Sustainable development goals
Deep learning	Meta-Analysis	Statistical computing	Time series analysis
Design of experiments	Modeling and Simulation	Statistical genetics	
Digital agriculture	Multilevel modeling	Statistical Inference	

Call for papers

An open call is made to all concerned to contribute their research for presentation during the conference on any of the major themes or on any areas of Statistics, Computers and Applications. The abstract of the talk should be submitted online through the conference website sscabv2024.org, containing specific objectives of the study, methodology, and key results in MS Word format in not more than 500 words. There will be both oral and poster presentations. The abstracts may also be forwarded to Dr. Gargi Tyagi (gargityagi@banasthali.in; +919799927779) and Dipak Roy Choudhury (dipakp1951@gmail.com; +91 9868921228).

Registration and Fee Details

Delegates desirous of participating and presenting their research in the conference should register and pay the following registration fee latest by **31 January 2024**. Registration entitles attendance to all scientific sessions, registration kit, abstracts e-booklet, Coffee/Tea and meals during the Conference days.
The link for the registration is: https://tinyurl.com/SSCA26ConfRegistration

Indian Delegate	Rs. 6,000
Foreign Delegate	US $200 (to be paid in Indian Rs. 18,000.00)
Indian Students/Research Scholars*	Rs. 3,000
Foreign Students/Research Scholars*	US $100 (to be paid in Indian Rs. 9,000)
Accompanying Person	Rs. 3,000

*A certificate from the Head of the Department or supervisor is required along with the registration fee to claim the student's/research scholar's registration fee.

1. Accompanying persons will not be provided the conference kit.
2. Registration fee is non-refundable.
3. Accommodation for Participants will be arranged on payment basis.
4. Registration is compulsory for all including invited speakers.

Online Payment of Fee

Account Name:	Banasthali Vidyapith	Bank Name:	State Bank of India
Account number:	32132800012	Branch Name:	Banasthali (Tonk)
Type of Account:	Savings Account	IFSC Code:	SBIN0015363

The Host Institute

Banasthali Vidyapith is the world's largest fully residential women's university having more than 15,000 students and is situated amidst rural settings in the state of Rajasthan just south of Jaipur at its sprawling campus spread over 850 acres. Being established in 1935, the University has its unique ideology of providing all aspects of education comprising of Physical, Practical, Aesthetic, Moral, and Intellectual, hence named "Panchmukhi Shiksha". Khadi wearing is the hallmark of Banasthali, to say it believes in "simple living and flying high".
It has a wide spectrum of courses from nursery to doctoral in order to give valued, cultured, and intelligent citizens to the society. The journey of Banasthali Vidyapith over the last eight decades has been full of innovatively creating value for the community, especially women. The institution is known worldwide for its dedication to the noble cause of women's education. It has been re-accredited with the highest possible 'A++' grade by National Assessment and Accreditation Council (NAAC), MHRD, Government of India and is the only Women's University to feature among the top 100 Universities in the NIRF university rankings of India. Banasthali has shown its visibility on international platforms through its various exchange programs and academic partnerships with reputed institutions across the world. Quacquarelli Symonds (QS) recognized Banasthali as one of the few global women's universities working for value inculcation and character building of the students. After a historic debut in 2020, Banasthali Vidyapith consolidated its position and features for the 3rd consecutive year in THE (Times Higher Education) world university rankings 2022 and remained one of the best 3-4% universities and the second- best Women's universities in the world.

Department of Mathematics and Statistics

The department covers broad areas of research including Algebra, Analysis, Discrete Mathematics, Mathematical Modeling, Statistical Inference, Reliability, Biostatistics, Sampling, and Data Science. The department has a well-equipped Computing Lab loaded with software like MATLAB, Mathematica, Maple, SPSS, R and SAS. The department is committed to its expansion and has many plans in place to raise educational standards, promote student employability, support research, and ultimately have an impact on society. The department offers B.A. (Applied Statistics), B.A./B.Sc. (Mathematics), B.A./B.Sc. Honors/Honors with research (Mathematics/Statistics), M.A./M.Sc. in Mathematical Sciences (Pure Mathematics, Statistics, Operations Research and Theoretical Computer science), M.A./M.Sc. (Mathematics) and M.A./M.Sc. (Statistics), as well as Ph.D. programmes in Mathematics and Statistics.

Centre for Artificial Intelligence

Centre for Artificial Intelligence has been supported by Department of Science and Technology, Government of India under Consolidation of University Research for Innovation and Excellence in Women Universities (CURIE)- Artificial Intelligence scheme. The Centre focusses on strengthening Artificial Intelligence (AI) education and research for multiple disciplines such as arts, humanities, science and engineering, management etc. and providing foundations for fundamental and cutting-edge research in AI and related disciplines.

About the Society of Statistics, Computer and Applications (SSCA)

The SSCA aspires to create awareness among statistical fraternity of innovative application of statistical sciences to other sciences like agriculture, informatics, financial, medical, bio-sciences, management, industrial, etc. The SSCA constitutes a unique think tank and an important forum for harnessing statistical sciences for enhancing the quality of research of Indian researchers, who have keen interest in the dissemination and fusion of statistical sciences with other sciences. The society has since emerged as a vibrant national statistical sciences organization devoted to promoting and popularizing statistical research, education, and knowledge pool towards a human activity with a human purpose that must evolve within a social or human system, promote human welfare, and improve quality of life and well-being by advancing the discovery and effective use of knowledge from data. The mission of SSCA is to provide a platform for promotion and dissemination of research in Statistics, blended with information technology, among both theoretical and applied statisticians dedicated to advancing technology for the benefit of humanity. The SSCA brings out a journal (https://ssca.org.in/journal.html), called "Statistics and Applications" with two issues per volume (per year). The journal aims at providing a platform to researchers in Statistics, Computer Sciences, Bioinformatics, and allied sciences from all around the globe to publish their research after a stringent review process. The journal encourages basic research for the advancement of statistical sciences, especially in the emerging areas and facilitates innovative applications of statistical sciences in various other sciences like agricultural, social, medical, biological, industrial, financial, including health, hunger, and hygiene.

Important Dates

Last Date for submission of full-length paper for Prof. M.N. Das Young Scientist Award	~~15 November 2023~~ 30 November 2023
Last Date for submission of abstracts/extended abstracts for special invited /contributory sessions	~~15 January 2024~~ 30 January 2024
Last Date for registration fof the Conference	~~31 January 2024~~ 10 February 2024
Executive Council Meeting (online)	17 February 2024
Pre-conference Workshop (online)	23 February 2024

Conference Organizing Committee

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Dr. Naresh Chandra, *Assistant Professor*
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Dr. Bhagwati Devi, *Assistant Professor*
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Contact Details
For any further enquiry feel free to contact –

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Office-Bearers of SSCA

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For more details, visit sscabv2024.org

How to reach Banasthali
1. **Train Route:** Banasthali-Newai Railway Station is on the Jaipur-Sawai Madhopur-Mumbai broad gauge line of the Western Railway. It is situated between Jaipur and Sawai Madhopur, equidistant (66 kms) from both.
2. **Road Route:** Approx. 72 Kms from Jaipur, with regular plying of RSRTC buses.
3. **Air Route:** Jaipur International Airport is 59 kms from Banasthali Vidyapith.