



INTERNATIONAL CONFERENCE

ON

“ADVANCES IN MATHEMATICAL SCIENCES, SCIENTIFIC COMPUTING AND ITS APPLICATIONS”

March 22–23, 2024

Organized by

DEPARTMENT OF MATHEMATICS

Centre of Excellence,
Govt. College Sanjauli, Shimla-6.
(Under DBT-Star Scheme)

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Prof. Bharti Bhagra

Principal COE, Govt. College Sanjauli, Shimla-6 (H.P).

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Dean of Sciences, COE, Govt. College Sanjauli,

Convener

Dr Girish Kapoor

HOD, Mathematics, COE, Govt. College Sanjauli.

Organizing Secretary

Dr Anjana Sharma

Assistant Professor, Department of Mathematics

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Prof. Anupam Verma, Assistant Professor, COE, Govt. College Sanjauli.
Prof. Lakhveer Dhiman, Assistant Professor, COE, Govt. College Sanjauli.
Prof. Akshay Aazad, Assistant Professor, COE, Govt. College Sanjauli.

Important Dates/Timeline

Date of submission of abstract extended

Last date of submission of abstract

March 8, 2024

Acceptance of abstract

March 10, 2024

Last date for full paper submission

March 12, 2024

Last date of Registration

March 15, 2024

Invited Speakers



Prof. Riddhi Shah
Professor, JNU Delhi



Prof. Surjeet Singh
Former Professor, King Saud University,
Saudi Arabia.



Prof. Rajesh Kumar Sharma
Professor HPU Shimla



Prof. Ram Prakash Sharma
Former Professor,
HPU, Shimla



Prof. Dinesh Khurana
Professor Panjab University,
Chandigarh.



Prof. Mandeep Singh
Professor, Sant Longowal Institute of
Engineering & Technology, Sangrur, Punjab.



Dr Anjana Khurana
Department of Mathematics
Panjab University, Chandigarh



Dr Aradhya Sood
University of Toronto, Canada.

Organizational Advisors

Dr Gopal Dasta
Dr Naresh Verma

Prof. Deepak Kaprate
Prof. Himaani Saxena.

Advisory Committee

Prof. Jyoti Prakash, Chairman Department of Mathematics & Statistics, Himachal Pradesh University, Shimla-5.
Prof. J.S. Dhiman, Himachal Pradesh University, Shimla-5
Prof. Khem Chand, Himachal Pradesh University, Shimla-5
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Dr Sita Ram Sharma, Chitkara University
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Dr. Shalini Garga, Himachal Pradesh University, Shimla-5
Dr. Madhu Dhadwal, Himachal Pradesh University, Shimla-5
Dr. Hemlal Sahu, Govt. J Yogananddam Chhattisgarh College Raipur, Chhattisgarh.
Dr. Sarbit Singh Brar, Deptt. Of Statistics, Punjabi University, Patiala, Punjab.
Dr. Akhil Mittal, Govt. Science College, Santrampur, Gujrat.
Dr. V. Balaji, Sacred Heart College, Tirupattur, Tamil Nadu.
Dr. Adinatha C. Upadhya, Sangolli Rayanna First Grade Constituent College Rani Channamma University Belagavi, Karnataka.
Dr. Ashok Kumar, Guru jambheshwar University of Science & Technology, Hisar.
Dr. Anjali Garg, Govt. Degree College, Bhavan Bhadur Nagar, Bulandshahr, U.P.
Dr. J.J Gondaliya, Deptt. Of Statistics, Gujarat Commerce College, Gujarat University, Ahmedabad, Gujarat.
Dr. Rajinder Pal, Mata Gujri College Fatehgarh Sahib, Punjab.
Dr. Dileep Sharma, Former Associate Professor, Higher Education H.P.
Prof. Ajit Thakur, Associate Professor, Rajiv Gandhi Govt. College Shimla.
Dr. Govil Jindal, Govt. College Hisar, Hisar.
Dr. K. Benington, Indira Gandhi College of Arts & Science, Indira Nagar campus, Puducherry.
Dr. Dipjyoti Sarma, Sibsagar Commerce College, Sivasagar, Assam.
Dr. Sharad Kumar, SSV (P.G) College, Hapur, U.P.
Dr. Sunita Kumari, Jawaharlal Nehru Govt. Engineering College Sundernagar.
Dr. Vijayata Pathania, HPU, Reginal Centre Dharamshala.
Dr. Tilak Raj Sharma, HPU, Reginal Centre Dharamshala.
Dr. Ravinder Kumar, NIT, Jaladhar.
Dr. Pankaj, Central University of Himachal Pradesh, Dharamshala.
Dr Neeraj Gandhotra, Shoolini University, Solan.



Registration Fee Per Participant:

Participant/Delegate	Registration Fee
Research Scholar	500/- INR
Academics/Delegates	1000/- INR
Accompanying Person	1000/- INR
Delegates (outside India)	50 US Dollar
Accompanying Person (Outside India)	30 US Dollar

Mode of Payment for Registration:

Online

Note: Online registration fee can be paid through Google Pay on Mob. No.: 9817116343 (Girish Kapoor)

Bank Details:

Bank Name & Branch: H.P. State Cooperative Bank, Sanjauli, Shimla-6.

IFSC: HPSC0000433, A/c No.: 43310142685

For any other queries Contact:

1. Dr Girish Kapoor -9817116343
2. Dr Anjana Sharma – 9817115030
3. Dr Poonam Sharma – 7018219469

Google Form Registration Link: <https://forms.gle/DrDKQaWFLRsaQ4Dw6>

About the Department of Mathematics:

Department of mathematics has three well qualified faculty members. Mathematics department has a dedicated computer- lab for mathematics students equipped with MATLAB- Software. The department is also running its own departmental library with books sponsored by National Board of Higher Mathematics (NBHM). The department successfully keeps up with the high-end requirements of society as well as industry and focuses on the professional development of the students. To achieve this goal department is continuously organizing workshops on software of mathematics to provide skill-based knowledge. Mathematics department is continuously working to achieve high standards of excellence by generating and propagating knowledge in mathematics.

ABOUT THE CONFERENCE

The international conference on “Advances in Mathematical Sciences, Scientific Computing and its Applications” – AMSCA – 2024 is set to serve as a global forum for scientists, researchers and educators, facilitating the presentation and discussion of advances, innovations, trends and applications across diverse branches of mathematics. Many disciplines of physical Sciences, Social Sciences and Engineering are becoming increasingly infused with development and application of mathematics, which help to describe real world problem into mathematical problem and interpreting the solution in the language of real world.

The main objective of the conference is to focus on converging the eminent experts in all branches of mathematics to common platform. The deliberations of the conference include the invited lectures by eminent Scientist/mathematicians/Scholars from India & abroad and

research paper presentation by the faculties of various universities, technical educational institutions & colleges and the young researchers relevant to the theme. This will provide an in – depth analysis of the subject and update the knowledge of the participants from academic/research institutions. Further, the conference intends to promote high standard in colleges by proving a forum for sharing their knowledge, experience and research findings. The conference will be primarily devoted to the original research, expository, articles that encourage communication between researchers and experts in the area of applications of Mathematics.

In case of need, participants from India and abroad may contact:

Dr Girish Kapoor, Conference Convener AMSCA-2024

HOD, Mathematics

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Email: coemaths2023@gmail.com

CALL FOR PAPERS

The AMSCA-2024 welcomes contributions related to all traditional as well as modern area of mathematics. Papers are invited for conference on the following areas of interest that include, but are not limited to:

- Main theme of the Conference.
- Algebra, Matrices, Real analysis, Complex analysis, Functional Analysis, Differential Equations, Numerical analysis, Fuzzy sets and Logics, Discrete Mathematics, Mathematical Modeling and Estimation, Number theory & cryptography, Operational Research, Mathematical Biology, Vedic Math, Data Science, Actuarial Sciences, Combinatorics, Artificial Intelligence, Information & Coding theory, Mathematical Engineering, Fluid Dynamics, Solid Mechanics, Engineering Sciences, Physical Sciences, Computer Sciences, Economy & Management, Social Sciences, Humanities etc.
- Abstract/Manuscript for Oral/Poster Presentation should be typed in MS Word with 12 pt. Times New Roman font in one and half line spacing. The Registration form complete in all respect, abstract and full-length papers should be sent through Email: coemaths2023@gmail.com within due dates.

Mode of Conference:

Hybrid mode

Venue :- Centre of Excellence, Govt. College Sanjauli, Shimla-6

Accommodation:

Lodging and boarding for outstation participants will be arranged on request depending on the availability.

Proceedings of Conference:

The proceeding of the conference is proposed with ISBN/ISNN.

ABOUT THE COLLEGE

The College was established in 1969, firstly it was affiliated with Panjab University and the next year in 1970 it was affiliated to Himachal Pradesh University with its establishment. Then there were few departments such as Arts, Commerce and Science which was then extended in subsequent years. This is the only college in the state to have been conferred with the status of Centre of Excellence in 12th January, 2006. In recognition of its commitment to academic excellence, the college has been accredited with an A+ grade, a reflection of its continuous pursuit of educational distinction. This accolade speaks volumes about the institution's dedication to nurturing talent, fostering innovation and preparing students for the challenges of future.