

**DST Sponsored National Conference  
on**

**EXPLORING THE ROLE OF MATHEMATICS IN  
COMPUTER SCIENCE, MACHINE LEARNING AND DATA SCIENCE**



**National Conference**

**INVITATION**

**October 25 – 27, 2025**



**Organised by**



**Department of Mathematics**

**T.D.P.G. College, Jaunpur (U.P.) INDIA**

*Affiliated to*

**Veer Bahadur Singh Purvanchal University, Jaunpur**

**And**



**Ramanujan  
Society of Mathematics  
and Mathematical Sciences**



## ABOUT THE CONFERENCE

*"God is a Geometer" (Plato) "God is an Arithmetician" (Jacobi) "God created the natural numbers and the rest is the work of men" (Kronecker)*

Ramanujan Society of Mathematics and Mathematical Sciences is going to organise a National Conference on "Exploring the Role of Mathematics in Computer Science, Machine Learning and Data Science," during October 25 – 27, 2025. The aim of the Conference is to bring together eminent Mathematicians, research scholars and students from different parts of the Country. In these three days National Conference young mathematicians and research scholars will be benefitted by getting ideas of the recent developments in Mathematics and its Application for the role of mathematics in Computer Science and Technology through invited talks/plenary lectures of the senior and eminent mathematicians. The programme covers broad spectrum of the several applications of mathematics in different field of subjects. It will also provide a premier interdisciplinary platform for researchers, practitioners and educators to present the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Mathematical and Computational Analysis.

## THEME OF THE CONFERENCE

This Conference outlines a compelling conference focused on role of mathematics in the fields of Computer Science, Machine Learning, and Data Science. In this era increasingly dominated by data driven decision making and artificial intelligence, the foundational mathematical principles often recede into the background, yet they are the bedrock upon which all advanced computational paradigms are built. This conference aims to bring together mathematicians, computer scientists, data scientists, and machine learning scholars to delve into the theoretical underpinnings, practical applications, and future challenges at this critical interdisciplinary nexus.

In the relentless march of technological progress, the terms "Computer Science," "Machine Learning" and "Data Science" have become household names, driving innovation across every sector. From intelligent personal assistants and autonomous vehicles to personalized medicine and predictive analytics, these fields are transforming our world at an unprecedented pace.

## CALL OF PAPERS

The organizers of the Conference invite papers for presentation. The abstract not exceeding 200 words intended for presentation should be sent latest by October 20, 2025 preferably on e-mail to **Dr. Satya Prakash Singh**, 263, Line Bazar, Jaunpur – 222002 (U.P.) India **Mob. No.:** 09451159058, 09451161967 **E-mail:** snsp39@yahoo.com; snsp39@gmail.com

## PROCEEDING OF THE CONFERENCE

The proceedings of the Conference will be publish in the journal of Ramanujan Society of Mathematics and Mathematical Sciences. The full length paper may be submitted through journal online dashboard <https://journals.rsmams.org/jrsmams/login> in LATEX file, LATEX generated pdf file for the publication in proceedings latest by November 10, 2025.

## TRAVEL AND LOCAL HOSPITALITY

Financial support for travel (AC II class fare) will be provided to invited speakers. Research Scholars/Students presenting paper in the Conference will be given Sleeper Class fare. Each participant and accompanying person will be provided local hospitalities. Please inform well in advance about your travel programme to facilitate the organising committee and volunteers.

## ADVISORY COMMITTEE

- ◆ Prof. Vandana Singh (Vice Chancellor, VBS Purvanchal University, Jaunpur)
- ◆ Prof. Sanjeev Kumar (Vice-Chancellor, Maharaja Suhel Dev University, Azamgarh)
- ◆ Prof. Sundar Lal (Ex. Vice Chancellor, VBS Purvanchal University, Jaunpur)
- ◆ Prof. Ram Asare Singh (Principal, Tilak Dhari P.G. College, Jaunpur)
- ◆ Prof. N.K. Thakare (Pune)
- ◆ Prof. P.K. Banerji (Jodhpur)
- ◆ Prof. U.C. De (Kolkata)
- ◆ Prof. Tarkeshwar Singh (Goa)
- ◆ Prof. Umesh Singh (BHU)
- ◆ Prof. Sunil Singh (Bombay)
- ◆ Prof. MP Choudhary (Delhi)
- ◆ Prof. Gyan Prakash (BHU)
- ◆ Prof. M.A. Pathan (Aligarh)
- ◆ Prof. K.C. Prasad (Ranchi)
- ◆ Prof. Ravi Kulkarni (Pune)
- ◆ Dr. A.K. Singh (DST - New Delhi)
- ◆ Prof. Manoj Kumar Singh (BHU)
- ◆ Prof. Sanjay Singh (BHU)
- ◆ Prof. Manronjan Singh (Bihar)

## REGISTRATION FEE

**Faculty Member :** ₹1500.00 **Research Scholars :** ₹1000.00 **Accompanying Person :** ₹1000.00 **Students :** ₹500.00

**REGISTRATION FORM :** <https://forms.gle/FwH1ig2HPmAdLmqR8>

Note: 1. Registration fees can be paid in direct account transfer / NEFT / Cash / G-Pay / Paytm in favour of "Ramanujan Society of Mathematics and Mathematical Sciences, Jaunpur."

**Account No. :** 318322010000903 **IFSC Code :** UBIN0931837 (Union Bank of India, Jaunpur)

## CONTACT PERSONS

- 1. DR. S. P. SINGH (Organizing Secretary)**  
Department of Mathematics, T.D.P.G. College, Jaunpur - 222002 (U.P.)  
Contact No.: 09451159058 Email : snsp39@yahoo.com
- 2. DR. S.N. SINGH**, Emeritus Scientist, Department of Mathematics,  
T.D.P.G. College, Jaunpur - 222002 (U.P.) Contact No.: 09451161967 Email: snsp39@gmail.com
- 3. DR. MANOJ KUMAR SRIVASTVA**, Department of Mathematics, T.D.P.G. College, Jaunpur - 222002 (U.P.)  
Contact No.: 09415334577
- 4. DR. SUSHEEL TIWARI**, Department of Mathematics, T.D.P.G. College, Jaunpur - 222002 (U.P.)  
Contact No.: 0887794917