



School of Computational and Integrative Sciences  
Jawaharlal Nehru University, New Delhi, India



&  
Vijñāna Parishad of India (Society for Applications of Mathematics)  
Organize

International Conference

On

Biological Data Analysis & Computation using Mathematical Modelling and Network Science  
(IC-BDA&C-MM-NS-2025)

July 28-30, 2025

Venue: JNU Convention Centre and Committee Room, School of Computational & Integrative Sciences Jawaharlal Nehru University, New Delhi, India

#### Key Themes:

- Mathematical Biology and application of graph theory and Petri nets
- Network Science in bioinformatics
- Computational approaches in System Biology
- Drug Design & Pharmacogenomics
- Machine Learning in Big Data Analytics in biology, biostatistics and stochastics models
- Neuroinformatics & Biomedical Modelling
- Environmental & Agricultural Bioinformatics
- Cryptography, information security, network Security related to Conference Theme
- Indian Knowledge System, but not limited...

#### Key Highlights:

- Cross-disciplinary collaboration
- Cutting-edge Computational tools
- Insights into Biological Complexity
- Innovations in Healthcare modelling

Audience: Students, Faculty members, Researchers & Professionals

Certificate/E-certificate\* will be given to the registered participants after successful completion of the event and feedback form submission

The conference will feature a diverse range of sessions, including:

- Keynote Presentations
- Technical Sessions
- Workshops and Tutorials
- Panel Discussions
- Networking Opportunities & Ideas
- Best paper Awards

#### Important Dates:

Abstract submission Start Date: **01 June 2025**

Abstract Acceptance: **One Week from Submission**

Abstract Submission Last Date: **18 July 2025**

Abstract / Full length Paper Submission: **18 July 2025**

(Participants kindly submit your abstract/paper at email id [vpjnuconference@gmail.com](mailto:vpjnuconference@gmail.com))

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Registration Open: **10 June 2025**

Registration End: **18 July 2025**


On the Spot Registration: **28 July 2025**

For more information **EMAIL:**

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IFSC Code	SBIN0010441
Account type	Savings

Participants	Offline	Online
JNU UG&PG students/volunteers on First Come First Basis ( <b>attendance compulsory</b> ) UG/PG/PhD/research scholars ( <b>outside JNU</b> )	Nil  1200 INR	1000 INR
Industrial Delegates, Scientists, and faculty members	2000 INR	1500 INR
Foreigner Delegates, Scientists, and faculty members	350 USD	300 USD
<b>Payment Basis Accommodation:</b> Accommodation may be provided upon prior request and subject to availability on payment basis. <b>Accommodation</b> will be allotted strictly on a first-come, first-served basis. <b>Discount:</b> A 20% discount on the registration fee is available for JNU students, faculty, scholars, and members of the <b>Vijñāna Parishad of India</b> .		

<https://tinyurl.com/2emvvh54>

or SCAN QR

**Registration Fee Includes:** Conference participation, certificate, conference kit, e-abstract booklet (or printed copy), breakfast, lunch, Dinner, and evening tea (Only for registered participant)

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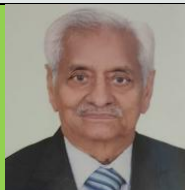
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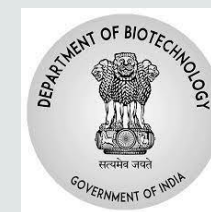
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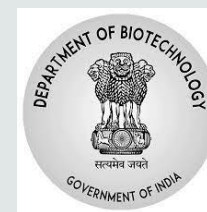


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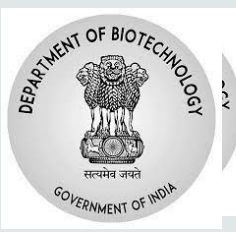
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Prof. V.K. Sehgal, Bundelkhand University, Jhansi, UP

Dr. Rakhee, BITS Pilani, Rajasthan

Dr. Gajendra Pratap Singh, JNU, New Delhi

Dr. Anamika Jain, Manipal University, Jaipur, Rajasthan

### ABOUT THE VIJÑĀNA PARISHAD OF INDIA

Vijñāna Parishad of India (Having Headquarter at D.V. Postgraduate College, Orai, Jalaun (U.P.), India) is an International Society dedicated to the Application of Mathematics in all fields of Sciences and Technology founded in 1971-72 by Dr. R.C. Singh Chandel (Founder Secretary) inspired by Dr. B.B.L. Srivastava (Former Principal, D.V.P.G. College, Orai, India) with collaboration of Prof. H.M. Srivastava (Foreign Secretary) Victoria University, Canada and Late Prof. J. N. Kapur (Chief Adviser) who became President (1986-2003). Prof. Kapur was also elected the first fellow of the Parishad in 1996.

The society has been publishing its Research Journal "JÑĀNĀBHA" (Sanskrit word for *Ray of Knowledge*) (Print ISSN - 0304-9892, Online ISSN 2455-7463) since 1971.

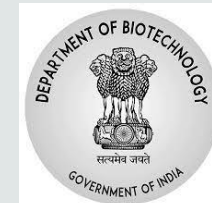
This society has reciprocity agreement with The American Mathematical Society and at present is one of the five Indian Societies and thirteen Asian Societies which have such agreement with The American Mathematical Society. The research papers published in JÑĀNĀBHA are indexed in the American Biweekly Current Mathematical Publications and are reviewed among others, by American Reviews (USA) and Zentralblatt for Mathematik (Germany). The society stands for the development of mathematical Science in India and encourages the interaction of Mathematics with Engineering, Industrial, Medical, Social, Physical, Biological and Computer Sciences.

For more details kindly log in <http://www.vijnanaparishadofindia.org>





School of Computational and Integrative Sciences  
Jawaharlal Nehru University, New Delhi, India



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## INTERNATIONAL CONFERENCE TEAM (IC-BDA&C-MM-NS-2025): Dates: -28-30 July, 2025

### AWARDS AND HONORS BY VIJNANA PARISHAD OF INDIA - 2025

Eminent Scientists will be honoured by following Three **Distinct Awards**:

- ✦ Life-Long Achievement Award (Highest Prestigious Award of VPI) - 01
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Best paper presentation **YOUNG SCIENTIST AWARD**

There will be Three “**First Prize and Young Scientist Awards**” for **Best Paper Presentation**, with each of cash prize of **Rs.2000/-**

One in each area

- (i) **Pure Mathematics**
- (ii) **Applied Mathematics**
- (iii) **Interdisciplinary**

### **\*Eligibility**

Candidate who is below 35 years or has attained age 35 years on July, 2025 will be eligible to **Young Scientist Award** for being considered. Candidate who wishes to submit the paper for **Young Scientist Award** should indicate on the top of the paper “**For Consideration to Young Scientist Award**” and should **submit full length paper with ABSTRACT**. The paper will be reviewed by the screening committee to select for their presentation in the Award session. The Candidate should attach document for proof of age at the time of registration.



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## ABOUT THE SCHOOL OF COMPUTATIONAL AND INTEGRATIVE SCIENCES (SC&IS), JNU, NEW DELHI, INDIA

Erstwhile the School of Information Technology (SIT) established in the year 2001 and renamed as School of Computational and Integrative Sciences (SC&IS) in 2010, the school carries out teaching and research in the inter-disciplinary areas of computational genomics, bioinformatics & drug discovery, database management & systems biology, high performance computing, and artificial intelligence. The aim of the school is to innovate and integrate computational and analytical approaches adopted in different branches of sciences to find solutions. Rapid advancement in science and the cutting-edge technologies enable and drive research in a big way, providing the opportunity to innovate. The school's academic and research programs are currently focused on the core area of computational and systems biology with future emphasis on the study of complex systems, high density data analysis, theoretical biophysical chemistry, and computational neurosciences.

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- Computational Genomics
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- Systems Biology
- Statistical Modeling
- Systems Biology
- Complex System Studies
- Crop Genetics & Informatics
- Machine/deep learning for Biological Data Analysis
- Mathematical Biology
- Computational RF and Antenna
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- Computational Biophysics
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- ☞ **P.G. Diploma in Big Data Analytics**
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**\*Submission of Feedback form is mandatory for Certificate/E-Certificate**

- In case of any queries, you can get in touch with the ADMINS of IC-BDA&C-MM-NS-2025 **Whatapps group**, or via **phone call** or whatsapp message **to Convenor Dr Gajendra Pratap Singh**, SC&IS, JNU, India
- ☞ +91 9910136414 or email: [vpjnuconference@gmail.com](mailto:vpjnuconference@gmail.com)
- ☞ Schedule and Time will be share after finalizing it
- ☞ **Last date of registration: 20 July, 2025.**
- ☞ **On the spot registration for conference participation: 28 July 2025 (Only for few participants).**
- ☞ Registration may close early if enough registrations are received.
- ☞ Selected and peer-reviewed full-length articles will be published in **UGC-listed/peer-reviewed journals or edited books**, in accordance with the respective publication policies.
- ☞ **Registration fees are non-refundable.**
- ☞ **Online sessions will be conducted for speakers and a few presenters upon request, and only for specific sessions—not for the entire event.**
- ☞ Conference weblink: <http://ccbb.jnu.ac.in/bdac/index.php>



**DEPARTMENT OF BIOTECHNOLOGY**  
MINISTRY OF SCIENCE & TECHNOLOGY, GOVERNMENT OF INDIA

