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INTERNATIONAL CONFERENCE

on

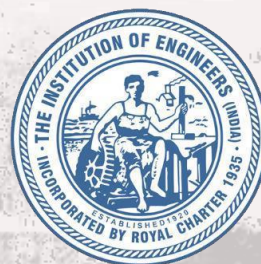
**“Data Modeling, Applications and their
Security Challenges”
(COMPUTATIA - XI)**

Date: 7th- 8th December, 2023

Organized by

**Department of Computer Science &
Department of Mathematics**

VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR



ABOUT UNIVERSITY

Vivekananda Global University, Jaipur is a leading NAAC A+ Accredited private university sponsored by Bagaria Education Trust, Jaipur. The University is offering more than 50 Programs in area of Engineering & Technology, Computer Applications, Basic and Applied Sciences, Agriculture, Architecture, Law, Management and Medical Sciences. The University focuses on Academics, Research, Innovation, Entrepreneurship and Placements. VGU is recognized by All India Council for Technical Education, Bar Council of India, Association of Indian Universities, University Grants Commission (UGC), Council of Architecture, Ministry of Skill Development and Entrepreneurship, Ministry of Rural Development and Pharmacy Council of India.

ABOUT DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science of the Vivekananda Global University is one of the most vibrant and interdisciplinary departments within the University and the computer science field at large. It offers a modular pattern of education with a unique combination of courses and projects that helps the students to cope with the recent advancements in the computer industry and information technology. The department has organized various conferences, workshops, seminars, expert lectures, and webinars concerning advances in computer science in the past. The most notable series of yearly conference is COMPUTATIA series from I to X.

ABOUT DEPARTMENT OF MATHEMATICS

The department of mathematics is a dedicated academic unit with a vision of being a research oriented department that would cater the need for application oriented research in mathematics. The department provides rich exposure to the latest research by periodically organizing seminars, symposia, workshops and lectures by eminent mathematicians for benefit of both student and faculty.

ABOUT THE CONFERENCE

The importance of data intensive applications is increasing and will continue to be the foremost fields of research. This raise brings up many research issues, in forms of capturing and accessing data effectively and fast, processing complexity, scalability, privacy leaking and trust. Innovative models, scalable computing platforms, efficient storage management, data modeling and their security aspects. After the huge success of COMPUTATIA - I to X series, COMPUTATIA- XI, the eleventh edition of COMPUTATIA is being organized on December, 8-9, 2023.

THRUST AREAS

Topics of particular interest include, but are not limited to:

- Data-driven Analytics and Business Management
- Innovative data intensive applications
- Big Data Applications, Challenges & Opportunities
- Business Intelligence
- Cloud Computing
- Data Engineering and Architecture
- Data sensing, fusion and mining
- Data Mining Applications in Science, Engineering, Healthcare and Medicine
- Artificial Intelligence
- Data Science and Machine Learning Innovative data intensive applications
- Algebra and Cryptography
- Optimization techniques
- Recent Developments in Applied Mathematics
- Optimization in Sustainable Resource Management
- Mathematical Approaches to Climate Prediction
- Advance Trends in Mathematical Modelling
- Optimization and Big Data
- Data Clustering
- Data-intensive application in real-time analysis
- Meta-data management
- Remote data access
- Programming models, abstractions for data intensive computing
- Parallel and distributed data storage and processing infrastructure
- Fractional Calculus
- Fluid Dynamics
- Operational Research

REGISTRATION PROCESS & FEE

Registration fee up to November 30, 2023	Ph.D. / M.Tech Students & Research Scholar : INR 1500/-
	Faculty/Academician : INR 2000/-
	Corporate/Industry Person: INR 3000/
	International Students, Research Scholar & Faculty:USD-100\$
Registration fee After November 30, 2023 *Subject to decision of Authority	Ph.D. / M.Tech Students & Research Scholar : INR 2500/-/
	Faculty/Academician : INR 3000/-
	Corporate/Industry Person: INR 4000/
	International Students, Research Scholar & Faculty : USD -150\$

- All the paper shall be submitted to either Easy Chair link <https://easychair.org/conferences/?conf=computatia11>
- Submission of abstract/full papers starts from November 1, 2023
- The last date of Abstract Submission is November 20, 2023
- The last date of full paper submission is December 3, 2023
- Acceptance of paper will be intimated by email
- Acceptance of paper will be intimated by email
- Certificates will be issued only to registered candidates
- Send scanned copy of your completed registration form, copyright agreement form along with the scanned copy of the proof of payments to computatia@vgu.ac.in with subject line of your paper title

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- Payment once done will not be returned in any case.
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For Registration click on the below link

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