VIT BHOPAL

2nd International Conference on

RECENT TRENDS IN APPLIED SCIENCES AND COMPUTING ENGINEERING (RTASCE - 2023)

July 7 - 9, 2023
VIT BHOPAL UNIVERSITY
HYBRID MODE

In association with

NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL (NITW)

Organised by
VIT BHOPAL UNIVERSITY

SCOPE OF THE CONFERENCE

Applied Sciences & Computing Engineering is a broad multidisciplinary and integrative area including a variety of applications of sciences, engineering, numerical methods, applied mathematics, and computer science. The objective of this conference is to bring together senior and young researchers to exchange and share their experiences, research works, and new ideas to discuss current challenging issues in the area of applied sciences, computing engineering, and allied areas.

The main objective of the conference is to highlight the ever-increasing and critical need of research in the area of applied sciences and computing engineering to encourage innovative engineering solutions with the potential for global reach. Authors are invited to submit their original unpublished research manuscripts that demonstrate the current research in the various topics related to the theme of the conference but are not limited to.

The conference will encompass keynote addresses, regular paper presentation sessions, panel discussions, and talks from very reputed International and National experts. This would be an excellent networking opportunity and will foster everlasting collaboration among fellow counterparts.

THEME & BROAD AREAS

(*but not limited to)

Applied Sciences

- Fluid Dynamics
- Numerical Methods
- Mathematical Modelling
- Differential Equations
- Operations Research
- Data Analysis
- Automata Theory
- Fixed Point Theory
- Chaos Theory
- Graph Theory
- Game Theory
- Special Functions
- Topology and Differential Geometry
- Discrete Mathematics
- Graph Theory and Fuzzy Logic
- Financial Mathematics
- Industrial Mathematics
- Functional and Complex Analysis
- Mathematical Biology
- Computational Biology
- Computational Physics
- Computational Chemistry
- Environmental Science

Computing Engineering

- Data Science
- High Performance Computing
- Cloud Computing
- Digital Image Processing
- Computer Vision and Pattern Recognition
- Machine Learning
- Artificial Intelligence

Inter-Disciplinary Sciences

- Bio-Inspired Computing
- Natural Computing
- Genetic Algorithm
- Molecular Computing
- Education Technology
- Society and Technology

ABOUT UNIVERSITY

The VIT legacy, started from Vellore Engineering College 39 years ago under the visionary leadership of Hon'ble Dr. G. Viswanathan, Founder-Chancellor, to offer world-class education for the development of society. VIT Bhopal University is ably spearheaded by Dr. G. Viswanathan, Chancellor; Mr. Sankar Viswanathan, Vice President, and Ms. Kadhambari S. Viswanathan, Assistant Vice-President. The university is currently led by Dr. U. Kamachi Mudali, Vice Chancellor, a renowned scientist, and Dr. A. Senthil Kumar, Pro Vice-Chancellor. They share the mission to make VIT a global center of education.

VIT Bhopal University, envisioned with a new and global outlook will empower its aspirants to attain excellence through learning. The comprehensive teaching methodology designed by the University redefines the approach to learning, educating, and building knowledge-based societies in the country. Collaboration with reputed National and International organizations, and strategic partnerships with universities around the world are being established to prepare a globally competent generation.

CHIEF PATRON

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Founder & Chancellor, VIT University

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Ms. Kadhambari S. Viswanathan
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VIT BHOPAL

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IMPORTANT DATES

Abstract submission last date:	12th April 2023
Acceptance of notification of abstract:	14th April 2023
Last date for registration:	15th April 2023
Submission of full length paper:	30th April 2023

REGISTRATION DETAILS

REGISTRATION FEE

	Early Bird (15th April 2023)	Late Submission (30th April 2023)
Student/Research scholar	1500 INR	2500 INR
Faculty	2500 INR	3500 INR
Others	3000 INR	4000 INR

Foreign Participants: 100 USD

REGISTRATION AND ABSTRACT SUBMISSION

https://tinyurl.com/rtasce-2023

WEBSITE LINK

https://vitbhopal.ac.in/rtasce-2023/

POST CONFERENCE PUBLICATIONS

After the peer review, the selected and presented full-length papers will be submitted for possible publication in the International Journals/Proceedings/Edited book indexed in **SCOPUS/ESCI/WoS/UGC**.

Some of them are:
- Nonlinear Functional Analysis and Applications **(SCOPUS)**
- International Journal of Nonlinear Analysis and Applications
- Deep Learning for Smart Healthcare: Trends, Challenges, and Applications **(SCOPUS)**

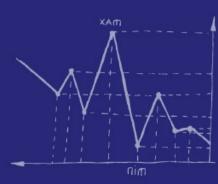***Many more are in pipeline**

TENTATIVE SPEAKERS

- Dr. Ravi P. Agarwal ,Texas, USA
- Dr. Rajkumar Buyya, Australia
- Dr. Rajendra Pant, Johannesburg, South Africa
- Dr. Calogero Vetro, Italy
- Dr. Unnati Shah, NY, USA
- Dr. Trushit Kumar Patel, USA
- Dr. Kasi Viswanadham K N S, NITW, India
- Dr. Aparajita Ojha, IIITDM, Jabalpur, India
- Dr. Lal Pratap Singh, IIIT-BHU, Varanasi, India
- Dr. V.H. Pradhan, SVNIT, Surat, India
- Dr. Jayesh Dhodiya, SVNIT, Surat, India

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