

### GENERAL GUIDELINES:

- ARESS/VIST will provide lodging, boarding, and transportation. Pickup from the railway station, bus stop, and airport may be given on a paid basis with prior notice.
- Above facility is only for students from outside Bhopal.
- No TA and DA will be provided

### IMPORTANT DATES:

Last date for submission of full length paper	10 <sup>th</sup> Dec. 2023
Notification of acceptance	15 <sup>th</sup> Dec. 2023
Last date for camera Ready Paper Submission	20 <sup>th</sup> Dec. 2023
Last date for Registration	25 <sup>th</sup> Dec. 2023
Conference Dates	29 <sup>th</sup> - 30 <sup>th</sup> Dec. 2023

### SUBMISSION GUIDELINES:

Full length paper in Double Column IEEE Format must be submitted in soft copy In MS-Word format. Paper must be sent via online submission at our website

<https://www.aresociety.org/>

OR BY email to: [info.aresociety@gmail.com](mailto:info.aresociety@gmail.com)

Or [submissioncist2023@gmail.com](mailto:submissioncist2023@gmail.com)

- Maximum length of a research paper should be approximate 6 page
- Papers should reflect novel ideas and research work that have not been published or presented elsewhere.

**Last Date of Submission: 10<sup>th</sup> Dec. 2023**



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### CONTACT TO

- 1) Dr. Paresh Rawat (+91 9827069553)
- 2) Prof. Anurag Shrivastava (+91 9893382667)

### VISIT US AT

<https://www.nrigroupindia.com/niist/international-conference/>  
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# NRI Institute of Information Science and Technology, Bhopal

(Approved by AICTE Affiliated to RGPV and BU)  
Accredited by NAAC and Institute of innovation council



## International Conference On Computing In Science & Technologies

(IC CIST 2023)

29<sup>th</sup> & 30<sup>th</sup> Dec. 2023

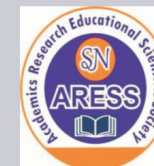
Organized By

NRI Institute of Information Science and Technology, Bhopal

1, Sajjan Singh Nagar, Opposite Patel Nagar,  
Raisen Road Bhopal MP, INDIA 462021

In Association to

**ARESS INDIA**



**Academics Research Educational Scientific Society**

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## ABOUT NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY

The NRI Institute of Information science and Technology has come a long way since its inception in the year 2000. It has a glorious standing of 23 years of pure excellence. NRI Institute was set up as a part of the self-powered plans of the Taramati Education Society in 2000 formed by NRIs based in the USA and highly qualified technocrats in India, with the objective to erect a true world-class institute in the rural part where students from the vicinity would be benefited from the services that matched global standards. NRI was conceived by a visionary leader, Hon. D Subodh Singh a technocrat and the NRI. The institute has grown at a remarkable pace and has gone on to become an institute of repute within the country. It is spread over 12+ Acres of lush green land providing an ambience congenial to the pursuit of high-quality technical education. Every single detail of the institute has been implemented at par with global standards in accordance with the norms of AICTE, New Delhi. The strength of NRIIST lies in its state of art Laboratories, IIT virtual Classrooms, Laboratories, Digital Library, Advanced workshop, Central computing facility with 800+ Latest Computers & Highly Qualified Faculty

### About ARESS

SN-- Academic Research and Education Scientific Society (ARESS) is non-profitable techno-social organization registered under the MP Society Registration Act 1973, India. It is established in the memory of Late Shri Satya Narayan Ji Rawat an engineer and motivator. ARESS is situated in the city of Lakes Bhopal. Society is established in 2022 with the aim to enhance research oriented environment and teaching pedigree in the field of Science and Technology among Students, Academicians, Researchers, and Educationists in all disciplines. Society positively works to help all technologists, promote young scientists and research oriented teaching methodologies, giving recognition to the all kind of scientific researches. Society believes to enhance the standards of education by knowledge sharing and content development. We are promoting problem oriented hands on technological approach of teaching in the education.

### HOST CITY:

Bhopal a city of lakes and hillocks is the capital of the Madhya Pradesh central India. It is one of the well-established educational centres of the Country, and is well connected to the all parts of country by air, train, & road. It is a city of historical and religious importance and is also city of lakes.

### ABOUT CONFERENCE:

The objective of the ARESS 3rd International Conference on Computing IN Science & Technologies (ICCIST-2023) is to give

industrialists, academicians, research scientists, and students a shared forum for exchanging and disseminating latest research contributions and approaches. The goal of ICCIST is to investigate intelligent computing solutions for science and technologies, such as Manufacturing, Simulation Modelling, Classifications and Management of Information. The conference also aimed to explore developments in renewable technologies, Pharmaceutical and Management Technologies, The next generation competing in Communication Systems, Artificial Intelligent, Green Building and Highway Technologies. Conference CIST 2023 is sponsored and conducted by the ARESS and is Organized by NRI Institute of Information Science and Technology, (NIIST) Bhopal India.

### OBJECTIVES:

- To emphasise and consolidate the implementation of 21st Century Technology Challenges.
- To offer participants an opportunity to expand their knowledge about the recent trends of 21st Century Technology Revolutions.
- To provide platform of Interaction between of students, academicians, educationists, researchers and industrialists from different Universities, Institutions and Countries to exchange ideas in various immersing field of technologies.

### CALL FOR PAPERS:

Call for Paper is open for Research scholars, Technologists, Scientists, Professionals and Students are solicited to contribute their original and unpublished research and experience as a Full Length paper in the IC CIST conference 2023.

All published papers will be published with ISSN Journals.

**International Journal of Engineering and Innovative Technology (IJEIT),**

**International Journal of Engineering Science and Innovative Technology (IJESIT),**

**Selected good quality potential result papers will be submitted to SCI and Scopus Indexed Journals for Review.**

This conference's emphasis will be on, although not limited to, the following tracks and significant areas.

#### Track 1: Computing in Communication Technologies

- Wireless Adhoc & Sensor network
- RF and microwave communication systems.
- MU-MIMO and Massive MIMO Wireless System
- Channel Estimation and Beam Formation Techniques
- Signal, image and video processing for Computer Vision.
- Cooperative and Cognitive Networks
- Antenna Design and Wave Propagation

#### Track 2: Artificial Intelligent and Computing Technologies

- Computer networks & Data security.
- Light weight Cryptography (LWC)
- AI and Machine Learning for Data Classification
- AI Robot vision technologies
- Block Chain Solutions

- Challenges and Controlling solution of AI
- Cloud computing and Data, Image Authentication & Security
- Optimization Techniques in Computing and Engineering Context
- Intelligent Software Technologies

#### Track 3: Pharmaceutical Computing and Management Technology

- Computing in Drug Research
- Neural Computing in Pharmaceutical
- Quantum Computing
- Molecular pharmacology
- Medical Chemistry and Neurology
- Pharmaceutical Management
- Hospital Management
- Financial Management
- Digital Marketing and Management

#### Track 4: Mechanical Modelling and Renewable Technologies

- Recent trends in Power Electronics and Power System Design.
- Renewable Energy Technologies
- Transmission and Distribution Generation
- Sustainable Industry 4.0 Technologies
- Flexible AC transmission system.
- E- Vehicles and Automobile System Modelling
- Thermodynamics and FME or CFD Modelling
- Mechatronics and Sensor Technologies
- Energy Efficient Mechanical and hydraulic Systems.
- Manufacturing and Material Technologies

#### Track 5: Green Buildings and Highway Technologies

- Green Construction Technologies
- Soil Mechanics and foundation Engineering
- Structure Design and Green Buildings Simulations
- Highway and Bridge Design Mechanics
- Smart Transportation Systems
- Sustainable and Energy Efficient Structures

**Any other filed of relevance are welcomed**

#### Track 5: Challenges in Quality Education

- Challenges of existing Education System and NEP

### BENEFITS OF CONFERENCE

- All presenting authors will get Certificate of Participation
- All presenting authors will get the Membership of ARESS worth Rs 1000 for free
- Best paper awards in each Track and Sessions.
- All presenting authors will get Chance to Join International ARESS Reviewer Board
- All presenting authors will get a Digital Copy of conference processing. for free
- A free Robotics Workshop for all Participants worth Rs. 250.
- All participants will get group photo of each session

### REGISTRATION DETAILS

For Indian Authors Academicians	INR 2000
For Indian Authors Industry	INR 2500
For Indian Authors Research Scholars	INR 2000
For Indian Authors Students	INR 1500
For Authors Outside Indian	USD 40

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