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	10th Sept. 2023
Notification of acceptance	15st Sept. 2023
Last date for camera Ready Paper Submission	20th Sept. 2023
Last date for Registration	25th Sept. 2023
Conference Dates	29th - 30th Sept. 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.aressociety.org/
OR BY email to:
info.aress.society@gmail.com
Or Submissionreact2023@gmail.com

➢ Limit paper to 6 pages length:
➢ Papers should reflect novel ideas and research work that have not been published or presented elsewhere else.

Last Date of Submission: 10th Sept. 2023

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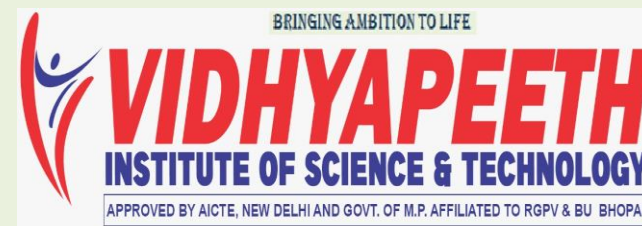
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1st International Conference
On
Recent Engineering Advancements and Computing Technologies
(IC REACT 2023)

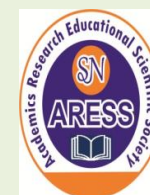# 29th & 30th Sept. 2023
Organized By

VIDHYAPEETH INSTITUTE OF SCIENCE AND TECHNOLOGY

Near New SOS Balgram, Sahara By Pass, Raisen Road Bhopal, MP, INDIA 462022

In
Association With

ARESS

Academics Research Educational Scientific Society
Believe : Equality in Education

ABOUT VIDHYAPEETH INSTITUTE OF SCIENCE & TECHNOLOGY

Vidhyapeeth Institute of Science and Technology was established in 2009. It is expediently located in the heart of Bhopal city, close to nature in an environment free from pollution, surrounded by hills far from hustle n bustle of city. VIST is promoted by Maa Saraswati Education Society under the patronage of Suhane Group of Bhopal who are well known Industrialists and are in the field of Manufacturing and Services. The group's foray into the education field due to an obligation to address the full range of higher education, namely: teaching and learning, research and service to the community. VIST is approved by AICTE and Govt of MP and affiliated to RGPV and Barkatullah University Bhopal. Vidhyapeeth offers degree in Engineering and Management Domains. Our value addition courses are highly relevant and upgraded according to the developing industries and trends in order to meet their demands of manpower.

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 religion importance and is also a city of lakes.

ABOUT CONFERENCE:

The purpose of the 1st International Conference on Recent Engineering Advancements and Computing Technologies IC REACT-2023 is to create a common platform for Industrialists, Academicians, Research Scholars, and Students to communicate and share new research contributions and techniques. The goal of IC REACT 2023 is to investigate intelligent computing solutions in all engineering disciplines and the sustainable technologies. The conference also looks into improvements in next-generation mechanical modelling and simulations & including renewable energy solutions. The ARESS sponsors and organises the conference, which is hosted by the VIDHYAPEETH GROUP OF INSTITUTIONS (VGI) in 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 immerging field of technologies.

CALL FOR PAPERS:

Call for Paper is open for Technologists, Scientists, Professionals and Research scholars and Students are invited to present their original and unpublished work and experience as a Full Length paper in the IC REACT conference.

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),

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

Track 1: Recent Advancements 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 Advancements and Data Computing

➢ 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: Renewable and Sustainable Technologies

➢ Recent trends in Power Electronics and Power System Design.
➢ Advancement in Renewable Energy Technologies
➢ Sustainable Transmission and Distribution Generation Solutions.
➢ Sustainable Industry 4.0 Technologies
➢ Flexible AC transmission system.
➢ Electric Power generation Renewable Energy.
➢ Sustainable Structures

Track 4: Mechanical Modelling and System Design

➢ E- Vehicles and Automobile System Modelling
➢ Heat and Mass Transfer, Convection , Refrigeration
➢ Recent Finite Element Modelling and CFD, Systems Modelling
➢ Mechatronics and Sensor Technologies
➢ Hydraulic and hydraulic Systems.
➢ Soil Mechanics and foundation Engineering
➢ Structure Design and Green Buildings Simulations
➢ Advance Material and Manufacturing Technologies
➢ Advancement in Energy Efficient Mechanical Systems
➢ Highway and Bridge Design Mechanics
➢ Smart Transportation Systems

Any other filed of relevance are welcomed

Track 5: Challenges in Quality Education

➢ Challenges of existing Education System
➢ Problem oriented hands on technological approach in teaching

BENEFITS OF CONFERENCE

➢ All presenting authors will get the Digital Online 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. For free
➢ All participants will get group photo of each session

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