

## GENERAL GUIDELINES:

- 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 participants from outside Bhopal.
- No TA and DA will be provided

## IMPORTANT DATES:

Last date for submission of full-length paper	14 <sup>th</sup> Dec 2024
Notification of acceptance	20 <sup>th</sup> Dec 2024
Last date for camera Ready Paper Submission	26 <sup>th</sup> Dec 2024
Last date for Registration	31 <sup>st</sup> Dec 2024
Conference Dates	10 <sup>th</sup> – 11 <sup>th</sup> Jan 2024

## 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.aegservices.in/register>

OR BY email to:

[icraethm@gmail.com](mailto:icraethm@gmail.com)

- Limit paper to 8-9 pages length.
- Papers should reflect novel ideas and research work that have not been published or presented elsewhere else.

**Last Date of Submission: 10<sup>th</sup>Nov. 2024**



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Dr. S. B. Goyal (Information Technology University, P J Malaysia)

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Ms. Yamini Singhal (Manager, AEG)

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Prof. Arvind Gupta` (Dept. of EX & EC Engg. VIST, Bhopal)

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## Annual International Conference

On

## Recent Advances in Engineering Technology, Healthcare & Management (AIC- RAETHM 2025)

10<sup>th</sup> & 11<sup>th</sup> Jan. 2025

Organized By

## VIDYAPEETH INSTITUTE OF SCIENCE AND TECHNOLOGY

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

In Association With

**AEG Consultancy Services Pvt.  
Ltd.**



## 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 AEG

AEG Consultancy is the consulting services in the sectors of technology, innovation, research and automation. The company offers a great experience and special know how to new innovation research ideas and their implementation. They have an expertise team who together are dedicated towards sharing responsibility and the ethical conduct of research, and compliance along with updating the skills according to the future perspectives. The company is a premier provider of specialized academic and research support services, designed to cater to the diverse needs of scholars, researchers, and professionals across various disciplines. With a focus on precision, innovation, and excellence, they deliver comprehensive solutions that facilitate advanced research and academic achievement

## 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 centers 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 International conference on Recent Advances in Engineering Technology, Healthcare and Management brings together leading minds from academia, industry, and research to explore the most recent advancements in Engineering, Technology, Healthcare & Management. As the world moves towards greater integration of artificial intelligence, renewable energy, and cutting-edge healthcare solutions, this conference serves as a platform for

exchanging innovative ideas and forging strategic collaborations. With tracks covering a wide range of disciplines participants will gain insights into how these fields interconnect and influence each other, enhancing their interdisciplinary understanding. This conference is supported by AEG group & is hosted by Vidyapeeth Group of Institutes, Bhopal, M.P, India.

## OBJECTIVES:

- To facilitate discussions on how emerging technologies and digital transformation are reshaping business models and strategies globally.
- To encourage collaboration on the optimization of AI in solving complex computational problems in various industries.
- To examine the role of energy storage, smart grids, and energy efficiency in building a low-carbon economy.
- To focus on breakthroughs in bioengineering technologies such as prosthetics, implants, and AI-driven healthcare solutions.
- To provide platform of Interaction between students, academicians, educationists, researchers and industrialists from different Universities, Institutions and Countries to exchange ideas in various emerging field of technologies.

## CALL FOR PAPERS:

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

All accepted papers will be published with ISSN Journals.

- **Research Journal of Engineering Technology and Medical Sciences (RJETM).**
- **A Journal of Medical Science and Technology (STM).**

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

### Track 1: Technological Innovation and Strategic Management

- Digital Transformation and Emerging Technologies in Business
- Technology-Driven Business Models and Innovation Management
- Risk Management and Technology Foresight
- Open Innovation and Strategic Collaboration
- Globalization and Technological Strategy

### Track 2: AI-Driven Computational Intelligence in Soft Computing and Image Processing

- Neural Networks and Deep Learning Applications
- Fuzzy Logic and Expert Systems in Decision Making
- Evolutionary Algorithms and Optimization Techniques
- Image Recognition and Computer Vision Technologies
- AI in Natural Language Processing and Autonomous Robotics.
- Signal, image and video processing for Computer Vision.
- AI and Machine Learning for Data Classification
- AI Robot vision technologies

- Challenges and Controlling solution of AI
- Optimization Techniques in Computing and Engineering Context
- Intelligent Software Technologies

### Track 3: Innovations in Renewable Energy and Sustainable Technologies

- Advancements in Solar and Wind Energy Technologies
- Energy Storage and Smart Grid Systems
- Sustainable Bio energy and Waste Conversion Technologies
- Harnessing Geothermal and Hydropower for Sustainable Infrastructure
- Energy Efficiency in Industrial and Agricultural Sectors
- Green Hydrogen Technologies & Ecosystem

### Track 4: Advanced Modeling and Innovative System Design

- Advanced Simulation Techniques: FEA and CFD in Mechanical Design
- Innovations in Additive Manufacturing and Smart Materials
- Dynamic Systems Modelling and Control in Robotics and Automation
- Micro- and Nano-Scale Mechanics for Precision Device Design
- Thermal-Fluid Systems and Biomechanical Modelling for Human-Centric Solutions
- Structure Design and Green Buildings Simulations
- E- Vehicles and Automobile System Modelling
- Structure Design and Green Buildings Simulations

### Track 5: Bioengineering Technologies and Healthcare Innovations

- Biomedical Imaging and AI for Diagnostic
- Wearable Technologies and Remote Health Monitoring
- Regenerative Medicine and Tissue Engineering
- Image processing for disease identification and Classification
- AI in Personalized Medicine and Predictive Healthcare.

## Any other filed of relevance are welcomed

## BENEFITS OF CONFERENCE

- All presenting authors will receive a Digital Online Certificate of Participation.
- Best Paper Awards will be presented in each track and session.
- A Digital Copy of the Conference Proceedings will be provided to presenting authors for free.
- All participants will receive a group photo of each session.

## REGISTRATION DETAILS

Category	Fee
For Indian Authors (Academicians)	INR 800
For Indian Authors (Industry)	INR 1000
For Indian Authors (Research Scholars)	INR 800
For Indian Authors (Students)	INR 700
For Authors Outside India	USD 40

Register at: <https://www.aegservices.in/register>