

## Registration Fee Details :

| Authors                   | Participants/<br>Paper<br>Presentation | Publication in Scopus<br>Indexed Conference<br>Proceedings |
|---------------------------|--|--|
| PG/RESEARCH<br>SCHOLAR    | Rs. 1000/-                             | Will be Informed on<br>acceptance of paper                 |
| FACULTY                   | Rs. 1500/-                             |  |
| Foreign Authors           | \$40                                   |  |
| Industry<br>Professionals | Rs. 2000/-                             |  |

### IMPORTANT DATES

**Abstract Submission** : 24-12-2023  
**Acceptance Notification** : 02-01-2024  
**Registration & Full Paper Submission** : 25-01-2024  
**Conference Dates** : 9th -10th February, 2024

## About the Conference

6th International Conference on “Applications of Information, Technology and Sciences “ to be held on 9th & 10th February 2024 in Andhra Pradesh, India. ICAITS-2024 being organised by Annamacharya Institute of Technology and Sciences to provide an opportunity to research scholars, delegates and students to share their knowledge/experience in latest technologies. ICAITS-2024 will provide an excellent international forum for sharing knowledge and results in Emerging Trends and Applications in Engineering Technology, Science and Management. The aim of the conference is to provide a platform to the researchers and practitioners from both academic as well as industry to meet and share cutting edge development in their fields.

## About the College

Annamacharya Institute of Technology & Sciences, Tirupati(AITS Tirupati) Counselling Code (AITT) was established in the year 2007, with a belief that education can influence and mould young minds. Within a decade, AITS, Tirupati received the prestigious stature of an institution with quality education. It is a sprawling campus of more than 45 acres of land. Attributing the historical importance, Thalapaka Annamacharyulu, one of the beloved disciples of Lord Venkateswara who always cherishes to find his berth at his lotus feet. Symbolically, the institute has been christened the name of Annamacharya and is established at the foot of Seven Hills the abode of Lord Venkateswara. It is promoted by Annamacharya Educational Trust (AET), a group of professionals for whom education is a passion. With an experience of over 20 years in the field of Engineering, Management, Education and Pharmacy, the AET runs many colleges across Telangana and Andhra Pradesh states.

Being a part of Annamacharya Group of Institutions, the institute is committed to impart engineering skills to the students and provide a window for them to explore the opportunities to achieve their goals. Annamacharya Institute of Technology and Sciences, Tirupati endeavours to be the leading centre providing world-class education while incorporating innovative teaching methods for engineering and research.

### Special features:

- Conferred AUTONOMOUS for 10 Years from 2019-20
- Accredited by NAAC in “A” grade, and three B.Tech programmes are accredited by NBA in 3rd cycle, and also accredited by the Institution of Engineers India (IEI,Kolkata).
- 34 doctorates and 195 post graduate faculty are on rolls in 2022-23.
- 3167 students are on rolls in 2022-23.
- 6 MoUs for Industry – Institute partnership
- Granted authorization by Pearson VUE to conduct Phase III (Microsoft Certified Professional) certification programmes.



6<sup>th</sup> International Conference on  
Applications of Information, Technology  
and Sciences ( ICAITS 2024)

9<sup>th</sup> & 10<sup>th</sup> February 2024  
(Hybrid Mode)



Organized by  
Research & Development Cell (RDC)  
Internal Quality Assessment Cell (IQAC)

Annamacharya Institute of Technology and Sciences  
(Autonomous)

Venkatapuram, Karakambadi Road, Renigunta - Mandal,  
Tirupati - District, Andhra Pradesh – 517520.

Hybrid Thinking is a set of interdisciplinary and integrative thinking processes we will need to solve many of today's complex problems

## COMPUTER SCIENCE AND ENGINEERING

- Computer Networks to Cyber Security, IOT, Blockchain Technologies
- Database Technologies to Information security
- Data Science to Machine Learning ,Deep Learning and Deep Generating Models

## EMERGING TECHNOLOGIES

- Data Integrity in Cloud to Machine Learning
- Mobile to ChatGPT
- Deep Learning to Artificial Intelligence Applications

## ELECTRONICS AND COMMUNICATION ENGINEERING

- Signal & Image processing
- VLSI & Embedded systems
- Wireless sensor networks to flight technology

## ELECTRICAL AND ELECTRONICS ENGINEERING

- Electrical Machines and Adjustable Speed Drives
- Power Electronics and Drives
- Power Systems, Smart and Micro Grids
- Electrical and Hybrid Vehicles

## CIVIL ENGINEERING

- Ground Improvements and GIS
- Structures with advanced materials
- Water resources and Sustainable Environment

## MECHANICAL ENGINEERING AND MANAGEMENT

- Advances in IC engines and AI Integration
- 3D printing
- Industrial Engineering & Management
- Industry 4.0 ( Automation, Robotics, Manufacturing using IOT )
- Decision Making and Problem Solving
- Leadership and Vision

## ADVANCES IN MATHEMATICS & PHYSICAL SCIENCES

- Applications of Mathematical Modeling and Simulation Techniques
- Energy Science and Nano Technology
- Applications of advances in Sciences

## KEYNOTE SPEAKERS :

1. Dr. Murilo Da Silva Baptista, Reader, University of Aberdeen, USA
2. Dr. D. Vivekananda Reddy, Associate Professor, Dept. of CSE, SVUCE , SVU, Tirupathi, India
3. Dr. C. Chandra Bogireddy , Dept. of Civil and Environmental Engineering, Shantou University, Shantou, China

## SESSION & TRACKS :

Applications of Information, Technology and Sciences

TRACK 1: COMPUTER SCIENCE AND ENGINEERING

TRACK 2: EMERGING TECHNOLOGIES

TRACK 3: ELECTRONICS AND COMMUNICATION ENGINEERING

TRACK 4: ELECTRICAL AND ELECTRONICS ENGINEERING

TRACK 5: CIVIL ENGINEERING

TRACK 6: MECHANICAL ENGINEERING AND MANAGEMENT

TRACK 7: ADVANCES IN MATHEMATICS & PHYSICAL SCIENCES

## GUIDELINES TO AUTHORS

After a blind peer review, all accepted papers of the conference will be published in SCOPUS INDEXED CONFERENCE PROCEEDINGS. Author has to pay additional charges as per norms.

The remaining papers will be published in ICAITS-2024 proceedings with ISBN number. Author has to pay Rs. 500/- additionally.

All accepted abstracts will be published in book of abstracts.

## CONTACT

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## CHIEF PATRONS

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