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(Deemed to be University under section 3 of UGC Act, 1956)
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DST - SERB, New Delhi Sponsored

7th International Conference on Recent Trends in Advanced Computing (ICRTAC'24)

Organized By

School of Computer Science and Engineering (SCOPE), Vellore Institute of Technology, Chennai

in association with

Bureau of Indian Standards,

Faculty of Computer Science and Information Technology (FSKTM),

Universiti Putra Malaysia (UPM), Malaysia,

& UiPath Academic Alliance

**Theme : Automating Sustainability - Bridging Sustainable Development Goals
with Recent Trends in Advanced Computing**

14th & 15th November, 2024

VIT, Chennai (Hybrid Mode)

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Call for Papers

The purpose of Bridging SDG goals with Recent Trends in Advanced Computing conferences is to promote the research on harnessing advanced computing technologies to tackle the United Nations' Sustainable Development Goals (SDGs), aiming for global progress in ending poverty and ensuring environmental protection by 2030. With a comprehensive agenda covering areas such as Blockchain, Cryptocurrency, 5G/6G Wireless, Drones, AI/ML, Quantum Computing, AR/VR, Digital Twin, Smart Cities, Fog/Edge Computing, Cyber security, automation, and Industry 4.0, the conference seeks to pioneer advanced algorithmic approaches surpassing classical techniques. It serves as an interdisciplinary platform for researchers, practitioners, and educators to deliberate on innovations in advanced computing, propose sustainable solutions to real-world challenges, explore novel automation methods, and integrate cutting-edge technologies with Robotic Process Automation to align SDG goals with recent trends in advanced computing, underscoring the imperative of automating sustainability for global development.

Technical Scope

The seventh edition of ICRTAC - 2024 invites submissions of original unpublished technical papers on the following topics, but not limited to:

Artificial Intelligence:

- Natural Language Processing & LLM
- Generative AI
- Creative AI
- Machine Learning & Hybrid Systems

Automation:

- Robotic Process Automation
- Cognitive Automation
- Cyber Security Automation
- Intelligent Document, Image & Video processing

Emerging Technologies:

- Digital Twin Technologies
- Drones and Robotic Technology
- Blockchain Technology & Cryptocurrency
- 5G and 6G Wireless Technology
- Augmented Reality and Virtual Reality
- Quantum Computing in STEM

BIS standards for SDG based Applications:

- Smart Cities
- Health care
- Climate Change

Publication

ICRTAC 24 proceedings is being published by **Springer's Communications in Computer and Information Science series (CCIS)**. Springer CCIS series is indexed in SCOPUS.

For submission : [click here](#)

Registration Details

Category	Indian Nationals(Rs)	Foreign Nationals (USD)
Research Scholars / Students	Rs.4500+18% GST(Rs.5310)	\$70+ 18% GST(\$83)
Academician	Rs.7000+18% GST(Rs.8260)	\$150+ 18% GST(\$177)
Industry Delegates	Rs.10000+18% GST(Rs.11800)	\$200+ 18% GST(\$236)

Important Dates

Full paper submission :
25th September 2024

Acceptance notification :
10th October 2024

Registration Closes :
5th November 2024

Attractive rewards will be given for Best Papers

For Registration : [click here](#)

NOTE : After linking to payment portal, choose ICRTAC 2024 in the dropdown. Then select your appropriate registration category.

Note: Registration fee doesn't cover bank charges and includes only participation & presentation to conference.

Website : www.icrtac.org

Email : chennai.icrtac@vit.ac.in

7 International Conference on Recent Trends in Advanced Computing (ICRTAC'24)

Theme : Automating
Sustainability - Bridging
Sustainable Development Goals
with Recent Trends in Advanced
Computing

14 & 15 November, 2024
VIT, Chennai (Hybrid Mode)



Call for Papers

Bridging SDG goals with Recent Trends in Advanced Computing conference: Unleash the power of advanced computing to accelerate global progress in ending poverty and ensuring environmental protection by 2030. Explore cutting-edge technologies and propose sustainable solutions at this interdisciplinary platform. Join us in automating sustainability for a better world!

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THEME

Automating Sustainability - Bridging Sustainable Development Goals with Recent Trends in Advanced Computing



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VIT, Chennai (Hybrid Mode)

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KEY HIGHLIGHTS

- Industry Connect: i-connect Program - Business Meet
- Blockchain, Cryptocurrency & Quantum Computing Expo
- Panel Discussion on Sustainable Innovations
- Smart Cities & Climate Change Solutions Showcase
- Keynote, Plenary & Invited Lectures
- Oral & Poster Presentations
- Young Innovators Awards
- Best Oral & Poster Presentation Awards

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