

5th International Conference on Recent Trends in Advanced Computing (ICRTAC '22)

in Collaboration with

Universiti Teknologi PETRONAS(UTP), Malaysia

Theme: Robotics, Automation & Artificial Intelligence-SDG Alliance (RAAS)



28-29 November 2022

Vellore Institute of Technology Chennai, Tamil Nadu, India

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Important Dates

Submission: 10 October 2022

Acceptance: 31 October 2022

Call for Papers

Robotics, Automation & AI approaches play a vital role in current research trends like the Internet of Things, brain human interfaces, etc. Today, the large data termed big data that is required for injecting intelligence is available easily and is growing exponentially. Researchers can take advantage of this big data, trained with intelligent techniques to interpret, understand and reflect the visual world in a better and easier way. ICRTAC'22 encourages all the research minds to nurture the current technological needs and to provide a broad view about the new evolving techniques to address the various societal issues prevailing in the sustainable development field.

Objectives

The objectives of this conference are:

- To explore the potential usage of smart techniques to provide innovative solutions in robotic applications.
- To investigate novel and state-of-the-art methods in automation coupled with intelligent techniques including machine learning, deep learning and soft computing techniques.
- To provide a prominent interdisciplinary platform for researchers, practitioners and educators to deliver and discuss the contemporary innovations, trends, and concerns in robotic applications thereby suggesting solutions to real world problems adhering to sustainable development.

Technical Scope

Track 1: Robotic Design

(Innovations and enhancements in robotic design process for effective and efficient functioning).

Track 2: Robotic Applications

(Methods to improve interpretation, analysis and delivery for better serving to mankind).

Track 3: Improvisation in Robotic architecture

Track 4: Applications and Services to achieve sustainable development goals

(Computer vision based solutions to achieve 17 sustainable goals identified by UN)

Submission

All manuscripts should be submitted online at: <https://easychair.org/conferences/?conf=icrtac2022>

Publication

Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. (Approval Pending).

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