

# Third International Conference On

**“IT Research & Innovation:  
IoT for a Smarter Future”**

# ICITRI - 2025

Organized By:



**St. Joseph's College of Arts and Science for Women, Hosur**

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**Third International Conference On**  
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**Editors**

**Dr. Dhina Suresh**  
**Mrs. S. I. Anto Ramya**

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## *Preface*

Conference word and AR Research Publication is a fast-growing group of academicians in Engineering, Sciences, and Management. A R Research Publication is also known for its fast reply and zero-error work. The conference world has organized various conferences at renowned places namely Delhi University; New Delhi, Jawaharlal Nehru University; New Delhi, PHD Chamber of Commerce and industry New Delhi, YMCA New Delhi, India International Centre New Delhi, Sri Venknteswara College of Engineering and Technology, Andhra Pradesh, Vedant Engineering Kota and many more places across the country.

We are very pleased to introduce the proceedings of the Third International Conference on “IT Research & Innovation: IoT for a Smarter Future” ICITRI – 2025. The Recent Innovations & Development in field of Engineering and Technology were addressed by the papers presented at the conference. The level of Interest in the subject matter of the conference was maintained from previous events and over 85 suitable papers were submitted for presentation at the conference.

Papers were well represented at the conference to arouse a high level of international interest. The presented papers maintained the high promise suggested by the written abstracts and the program was chaired in a professional and efficient way by the session chairmen. The program was chaired professionally and efficiently by the session chairmen also highly gratifying, showing the high level of interest in the subject. This Proceeding provides a permanent record of what was presented. They indicate the state of development at the time of writing of all aspects of this important topic and will be invaluable to all authors in the field for that reason. Finally, it is appropriate that we record our thanks to our fellow members of the Technical Organizing Committee for encouraging participation from those areas. We are also indebted to those who served as chairmen, without their support, the conference could not have been the success that it was. We also acknowledge the authors themselves, without whose expert input there would have been no conference. Their efforts made a great contribution to its success.

## **About College**

St. Joseph's College of Arts and Science for Women was established in the year 2006 with the motto "Knowledge Purifies and Charity Enhances." It is affiliated with Periyar University, Salem, and managed by the FSPM Sisters, Coimbatore. We empower young women with knowledge, skills, and a holistic approach and enable them to face the present society. The college offers various UG, PG, and research courses with a strength of more than 2000 students.

The study at St. Joseph's College will certainly fetch a joyful and memorable experience of escalation in the aesthetics of education and ethnicity provided by the multi-cultured and multi-faceted presence of faculty & students who are persistent with the quest for excellence in proficiency. Its quiet surroundings, comprising of architecturally designed buildings, playgrounds, and lush greenery, make it one of the most preferred destinations for aspirants. The college fosters a strong academic environment, with an emphasis on experiential, participative, and problem-solving learning methods. In line with NEP 2020, it offers interdisciplinary learning options, value-added courses, skill development programs, and a mandatory outcome-based education model.

## **About IARDO**

International Association of Research and Developed Organization (IARDO) is a leading organization in the field of academic research activities under the banner of India Educational Charitable Trust (Regd).

International Association of Research and Developed Organization (IARDO) is an apex body that promotes and encourages commendable achievements from all over the country. The organization under conference world regularly organizes national and International level conferences with the help of its members to promote socially responsible education practices and sustainable development in economic as well social front in India.

## **About Conference**

This conference aims to bring together researchers, academicians, industry experts, and students from diverse disciplines to discuss the latest advancements in computer science and its applications across fields. With an increasing demand for innovative solutions to complex challenges, this conference provides a platform to explore how computer science intersects with fields such as data science, artificial intelligence, biology, engineering, social sciences, and business. Participants will have the opportunity to engage in presentations, panel discussions, workshops, and networking sessions to share ideas, research findings, and potential solutions that drive innovation across industries

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Third International Conference on "IT Research & Innovation: IoT for a Smarter Future"

ICITRI – 2025. organized at St. Joseph's College of Arts and Science for Women, Hosur. Total 123 papers were received for the conference and 85 papers were shortlisted by the committee.

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