

**International Conference on**  
**Integrative Approaches Across**  
**Multidisciplinary Studies & Research**  
**ICIAMSR -2025**

Organized by



**NITI Aayog**

In Association With



**วิทยาลัยเทคโนโลยีสยาม**  
**Siam Technology College**  
International Program

**Siam Technology College**

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**Editors**

**Dr. Atul Kumar Sharma**

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***Publish By:***

*A.R. Research Publication*

## *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 International Conference on Integrative Approaches Across Multidisciplinary Studies & Research [ICIAMSR -2025]. The papers presented at the conference addressed the Recent Innovations & Development in field of Engineering and Technology. The level of Interest in the subject matter of the conference was maintained from previous events and over 22 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 the College

Siam Technology College is one of the leading private higher education institutions in Thailand. Siam Technology College aspires to manage education to promote graduates, both undergraduate and postgraduate, with degrees that incorporate theoretical and practical skills from a variety of disciplines. By providing academic and professional training, students are better able to keep up with the rapid pace of changes in the technology industry. Moreover, the graduates of Siam Technology College leave with a set of highly desirable skill set that meet the needs of the labor market. Additionally, our graduates are well-prepared to help the country develop its economic and social potential.

As Thailand has been progressing towards becoming an industrialized country, it has continuously faced hardships due to a shortage of qualified personnel possessing both knowledge and appropriate skills. Realizing that Thailand was in dire need of people with industrial skills, Dr. Narong Mongkhonvanit took on the responsibility of resolving this shortage. In 1965, he established Thailand's first private vocational institution that could provide students with job-oriented training. He and named the new school: "siam institution of technology." From its inception, Siam Technology College has been regarded as one of the leading vocational institutions in Thailand. Through the growth of its structure as a leading and innovating institute, Siam Technology College has demonstrated a solid commitment to contribute back to Thai society and youth.

The year 2005 marked the 40th year anniversary of the institution, and the time arrived to take yet another new step. Aiming at advancing into a new level of educational development, Siam Technology College (Siam Tech) decided to establish a new institution simply called "Siam Technology College." Siam Technology College was opened its doors in 2006. The 800+ square meter campus is adjacent to (but distinctly separate from) Siam Technology College (Siam Tech). Initially, the goal of the new college was to provide an additional avenue of study for graduates from Siam Tech; however, Siam Technology College now features a growing list of degree programs for students interested in pursuing business and technology-related degrees. Enshrined in the college's curriculum are the fundamental principles of equality and continuity, focusing on educating students from all educational backgrounds throughout Thailand and asean.

## About the Conference

International Conference on Integrative Approaches Across Multidisciplinary Studies & Research [ICIAMSR -2025] is a platform that unites experts from diverse fields to tackle complex issues that cannot be solved within the confines of a single discipline. By integrating insights from various domains such as technology, health sciences, environmental studies, and social sciences, the conference aims to foster innovative solutions and new research directions. The event typically features keynote addresses by leading experts, panel discussions, workshops, and paper presentations, creating opportunities for attendees to share knowledge and collaborate across disciplines. It attracts a broad audience, including researchers, industry professionals, and students, all of whom benefit from the expanded perspectives and networking opportunities that arise from engaging with a variety of fields.

## 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.

## Organizing Secretary

**Mr. Sumit Kumar Bhalla,**

Director of Teaching and Learning Foreign Languages  
Siam Technology College , Bangkok, Thailand

## Speakers

**Mr. Nanda Lal Banik,**

Head of International Business Management Program  
Siam Technology College, Bangkok, Thailand

**Ms. Chattriya Tanyakul**

Acting Head of Department of International Student Affairs  
Siam Technology College, Bangkok, Thailand



## *Message*

***Ms. Reshu Gupta,***  
***CEO Conference World***

It is with great enthusiasm that I welcome the upcoming International Conference on Integrative Approaches Across Multidisciplinary Studies & Research scheduled to be held at **Siam Technology College, Bangkok, Thailand**, located at 46 Charan Sanit Wong Rd, Khwaeng Wat Tha Phra, Khet Bangkok Yai, Krung Thep Maha Nakhon 10600.

This global gathering is set to provide a vibrant platform for scholars, researchers, and professionals from diverse disciplines to come together and explore the frontiers of knowledge across various fields. The interdisciplinary nature of this event is bound to inspire innovative thinking, foster collaborative research, and open new avenues for impactful discoveries.

I am certain that the conference will play a pivotal role in encouraging insightful dialogue and meaningful engagement among thought leaders and emerging scholars alike. Such initiatives are vital in nurturing a culture of academic synergy and shaping solutions to the complex challenges of our time.

Looking ahead, I envision this conference growing into a hallmark annual event that continues to spark curiosity, creativity, and collaboration across disciplines.

My sincere appreciation goes to the organizers for their efforts in orchestrating this important event. Wishing the International Conference on Integrative Approaches Across Multidisciplinary Studies & Research a resounding success!

***Ms. Reshu Gupta,***  
***CEO Conference World***

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International Conference on Integrative Approaches Across Multidisciplinary Studies & Research [ICIAMSR -2025] organized at Siam Technology College 46 Charan Sanit Wong Rd, Khwaeng Wat Tha Phra, Khet Bangkok Yai, Krung Thep Maha Nakhon 10600, Thailand. Total 48 papers were received for the conference and 12 papers were shortlisted by the committee.

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