



ABOUT SIKSHA 'O' ANUSANDHAN UNIVERSITY

Siksha 'O' Anusandhan (Deemed to be University u/s 3 of UGC Act, 1956) is located in an area of 451.996 acres in the centre of Bhubaneswar, its Campus comprising 67 buildings occupy 127 acres. It is a leading institution of higher learning in its chosen areas of concentration, preparing future generations through quality teaching and innovative research. It will emerge as a comprehensive and socially inclusive University in the country for professional advancements in related disciplines. It offers professional programmes in Engineering, Medicine, Dental Sciences, Nursing, Pharmaceutical Sciences, Biotechnology, Management, Law, Hotel Management and Agricultural Sciences. It is recognised as a world-class learning and research institution with 12 research centres and 37 research laboratories. Based on its all-round performance on quality teaching and innovative research, the University has been awarded ranks among top 15 in the country in University category, 27th in the Engineering Category, 16th in the Medical Category, 9th in the Dental Category, 8th in the Law Category and 49th in the Research Category by National Institutional Ranking Framework (NIRF) of Ministry of Human Resources & Development (MHRD), Govt. of INDIA. The University has been accredited by the NAAC with A++ Grade (3rd cycle) and has obtained International Accreditation by ABET, USA and certification by IAO, URS, UK.

INSTITUTE OF TECHNICAL EDUCATION & RESEARCH (ITER)

(Faculty of Engineering and Technology)

Institute of Technical Education and Research (ITER) is the Faculty of Engineering and Technology of Siksha 'O' Anusandhan and is the oldest constituent institute. Since its inception in 1996, it has excelled in imparting education to students. It has worked with a mission to educate students and make them responsible, enlightened, and productive citizens to achieve global excellence. It has fourteen departments with more than five hundred faculty members.

ABOUT THE CONFERENCE

The International Conference on Recent Advances in Mechanical Engineering Research and Development (ICRAMERD - 24) is a four-year young conference that accepts quality research papers, follows a peer review process and gets the proceedings published through reputed publishers indexed by SCOPUS. The scope of the conference is to provide a forum for researchers, scientists, academicians, scholars and industrial practitioners from across the world to present papers and exchange their ideas on topics of great importance and recent developments in broad fields of sustainable science, material science and engineering, with the increasing importance of automation, smart manufacturing, their applications in industrial robotics, energy storage and conversion, the conference targets to present latest research on novel materials, manufacturing, design, thermal engineering, industrial engineering, renewable energy and new strategies and innovations for overcoming the technical challenges of machine learning.

Chief Patron

Prof. (Dr.) Manojranjan Nayak, Founder and President, Siksha 'O' Anusandhan (Deemed to be University)

Patron

Prof. (Dr.) Pradipta Kumar Nanda , Vice Chancellor, S'O'A Deemed to be University

Prof. (Dr.) Bibhuti Bhusan Pradhan, Pro-Vice Chancellor, S'O'A Deemed to be University

Finance Chair

Prof. (Dr.) Manas Kumar Mallik, Director, ITER, Deemed to be University

General Chair

Prof. (Dr.) D. N. Thatoi, Additional Dean (Academics), S'O'A Deemed to be University

Prof. (Dr.) S. K. Acharya, Head of the Department, Mechanical Engineering, ITER, S'O'A Deemed to be University

Principal Coordinators

Prof. (Dr.) J. K. Nath, Dean, Research and Development, S'O'A Deemed to be University

Programme Coordinator

Dr. Sasanka Choudhury, ITER, S'O'A Deemed to be University

Convenor

Prof. (Dr.) Hrushikesh Sarangi, Dept. of Mechanical Engineering, ITER S'O'A Deemed to be University

Co. Convenor

Dr. Bhabani Sankar Mahanto, Dept. of Mechanical Engineering, ITER, S'O'A Deemed to be University.

Dr. Abinash Mohapatro, Dept. of Mechanical Engineering, ITER, S'O'A Deemed to be University

Local Advisory Board

Prof. (Dr.) P.K. Sahoo, Dean, ITER, S'O'A Deemed to be University

Prof. (Dr.) R. P. Mohanty, Chief Consultant, S'O'A Deemed to be University

Prof. (Dr.) D. Acharya, Chairman of Advisory Board, SOA Deemed to be University

Prof. (Dr.) S. K. Kamila (Head, IPR Cell), ITER, SOA Deemed to be University

Prof. (Dr.) U. K. Mohanty, Professor, ITER, S'O'A Deemed to be University

Prof. (Dr.) R. K. Bhoi, Professor, ITER, S'O'A Deemed to be University

Prof. (Dr.) N. Kavi, Professor, ITER, S'O'A Deemed to be University

Prof. (Dr.) A. Mishra, Professor, ITER, S'O'A Deemed to be University

Prof. (Dr.) J. Bala, Professor, ITER, S'O'A Deemed to be University

Prof. (Dr.) P. Pradhan, Professor, ITER, S'O'A Deemed to be University

Publications

The selected papers will be called for presentation and considered for publication in Scopus-indexed Proceedings

National and International Advisory Board

To be declared

Important Dates:

Conference Date: 8th-10th of August 2024

Last Date of Paper Submission: 19th of June 2024

Notification of Paper Acceptance: 6th of July 2024

Submission of Camera-Ready Paper: 20th of July 2024

Last Date of Registration: 2nd of August 2024

National and International Advisory Board

To be declared

Conference Themes

Main topics to be covered in this conference, but are not limited to

MATERIALS ENGINEERING
INDUSTRIAL AND SYSTEMS ENGINEERING
MANUFACTURING SYSTEMS ENGINEERING
AUTOMOTIVE ENGINEERING
THERMAL SYSTEMS ENGINEERING
DESIGN ENGINEERING
ASSURANCE ENGINEERING
ENERGY ENGINEERING

Bank Details:

Account No: 50200050207231
Beneficiary Name: SIKSHA O ANUSANDHAN UNIVERSITY
Bank: HDFC BANK
IFSC Code: HDFC0003722
BRANCH: HDFC BANK, JAGAMARA, BHUBANESWAR

Registration

Participant Category	India (Rs)	Overseas (USD)
Students	4000	100
Academic and Industries Delegates	6000	150

Submission Type

Authors are requested to follow the template
10-point Times New Roman, Single-spaced.
Abstract Length 200-250 words
3-5 Keywords
One-column

Full paper can be submitted in MS word format only.
Regular full paper length limit is 8-10 pages including figures, tables and references.
There must be clear visibility of the following points in the manuscript.

Purpose/Objectives Methodology/Approach Findings/Results

Please Note: Authors are encouraged to check the similarity index of the manuscript before submitting to the conference. Papers with plagiarism below 10 % will be accepted.

Submission Method

Submit your paper via the following google form: TBD

For more information, please contact us.

Conference official email address: icramer@soa.ac.in

Convenor

Prof. (Dr.) Hrushikesh Sarangi, Email: hrushikeshsarangi@soa.ac.in

Co-Convenor

**Dr. Bhabani Sankar Mahanto, email: bhabanimohanto@soa.ac.in
Dr. Abinash Mahapatro, email: abinashmahapatro@soa.ac.in**