



**Online Conference**

**Registration Fee**

**Rs 3000/-**

**Scopus Indexed Publication**

**(Deemed to be University)**

**(Sponsored by Elsevier and Springer)**

Members of the Organizing Committee cordially invite all researchers to participate actively and present research papers in the **International Conference on Recent Advances in Mechanical Engineering Research and Development** being organized by **Department of Mechanical Engineering, ITER, S'O'A Deemed to be University, Bhubaneswar, India**. The purpose to organize this conference is to bring together eminent scientists, academicians, research scholars, students and corporate world from universities, research institutes, engineers and technocrats from industries. This conference will provide a place to share their ideas, fundamentals, expertise, research and experience in the emerging area of materials manufacturing and their application for energy.

#### **ABOUT SIKSHA O ANUSANDHAN UNIVERSITY**

Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar declared u/s 3 of UGC Act, 1956 is a leading University in India offering professional programmes in the disciplines of Engineering, Medicine, Dental Science, Nursing, Pharmaceutical Science, Biotechnology, Management, Law, Hotel Management and Agricultural Sciences. Based on its all round performance, this University has been awarded ranks among top 20 in the country in University category by National Institutional Ranking Framework (NIRF) of Ministry of Human Resources & development (MHRD), Govt of INDIA consistently for last three years, surpassing many State & Central University/IIT's/ Institute of high learning. In 2017-18 it has been declared 24<sup>th</sup> Best in University Category,

19th Best Medical College in the country. Approved by UGC & AICTE, it has been re-accredited by the NAAC with A-Grade and has obtained the International Accreditation by ABET, USA and certification by IAO, URS, UK.

#### **CALL FOR PAPERS**

All authors are encouraged to contribute and shape the conference through contribution of papers that report significant original research results on, or techniques for studying the materials properties and their application for energy.

#### **PUBLICATIONS**

All submitted papers will be blind peer reviewed and published in Scopus indexed, Materials Today Proceedings and Springer Proceedings Series. Paper should be in MS word format not exceeding 10 pages and should not carry more than 5 figures/tables. The text must be in Times New Roman, size 12 and 1.5 line spacing.

#### **THEME**

**Topics of interest include, but are not limited to, the following:**

##### **Materials**

Nanomaterials and Nanocomposites, Ceramics and Glasses, Polymers, Electrical and Magnetic materials, Composite, Fibers, Bio related Materials, Nanostructure, Flexible and Hybrid Materials, Smart Materials.

#### **Design and Manufacturing**

Advanced Manufacturing Processes, including Mechanical, Chemical and Thermal processes. Welding, Joining and Assembly at micro and macro scales. Cracks and Vibration. Rapid prototyping, Rapid Manufacturing and Repair. Advanced Embossing, Casting, Forming and Molding Processes at all scales, Robotics, Additive Manufacturing, Modeling and Simulation.

#### **Thermal Engineering**

Fluid Flow, Heat Transfer, Thermodynamics, combustion, Applied Thermodynamics, Power Plant, Refrigerator, Air Conditioning, Modeling and Simulation, Computational Theory in Engineering.

#### **Industrial Engineering**

Production management, Supply chain management, Biomechanics, Product design, Marketing, Quality management, Information management, Operation research, Layout planning, Internet of Things, Industrial Automation, Control System and Artificial Intelligence.

#### **Energy**

Supercapacitor, Rechargeable batteries, Fuel cell. Photovoltaics, Solar Thermal Energy Systems, Wind Energy Systems, Biomass and Bioenergy, Geothermal Energy Systems, Hydropower Energy Systems. Fuel, Alternate Fuel, Electric and Hybrid Vehicles.

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**REGISTRATION FEE**

Category	Early Bird (by 1 <sup>st</sup> July 2020)		Regular	
	India	International	India	International
Student	Rs. 3000/-	USD 45	Rs 3500/-	USD 50
Academician	Rs. 3000/-	USD 45	Rs 3500/-	USD 50
Corporate	Rs. 3000/-	USD 45	Rs 3500/-	USD 50

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**Conference Website: [www.icramerd.soa.ac.in](http://www.icramerd.soa.ac.in)**

**Email for Abstract Submission: [icramerd20@soa.ac.in](mailto:icramerd20@soa.ac.in)**

**IMPORTANT DATES**

Date of the Conference	July 24-25, 2020
Last Date of Paper Submission	15 <sup>th</sup> June, 2020
Notification of Paper Acceptance:	25 <sup>th</sup> June, 2020
Submission of Camera-Ready Paper:	5 <sup>th</sup> July, 2020
Last Date of Registration:	10 <sup>th</sup> July, 2020