



**L** OVELY  
**P** ROFESSIONAL  
**U** NIVERSITY

*Transforming Education Transforming India*



**ICFMMP**  
International Conference on Functional Materials,  
Manufacturing and Performances

# 4<sup>th</sup> International Conference on Functional Materials, Manufacturing & Performances (ICFMMP-2023)

Conference Date: 25<sup>th</sup> - 26<sup>th</sup> August, 2023  
Mode of conference: Hybrid (Onsite/Online)

Organized by:  
Division of Research and Development,  
Lovely Professional University

# LOVELY PROFESSIONAL UNIVERSITY

Lovely Professional University (LPU) is a multi-faculty research-oriented institution with hi-tech campus offering more than 200 professional programmes. LPU campus is a complete world in itself having students from 28 states of India and more than 50 countries of the world.

LPU is a world class institution with internationally benchmarked curricula, innovative pedagogy focused on experiential learning, cutting edge research, 300+ foreign tie-ups, well qualified faculty with industry exposure, outstanding sports & cultural facilities, excellent residential facilities, In-campus shopping mall, hospital, banks, postal services etc.

The University is ranked high on various parameters by government bodies and other credible organisations. LPU is recipient of various awards and recognitions and accreditations. Times Higher Education Impact Ranking 2022 has ranked LPU as 74<sup>th</sup> Globally and 2<sup>nd</sup> in India. The University has also been ranked 47<sup>th</sup> in NIRF Rankings 2022 by MOE, Government of India amongst all government and private universities in India. It has been ranked amongst top institutions of India in various disciplines i.e. 12<sup>th</sup> in Architecture, 13<sup>th</sup> in Law, 19<sup>th</sup> in Pharmacy, 34<sup>th</sup> in Management and 51<sup>st</sup> in Engineering. LPU also has the distinction of being the first private university in India to get ICAR accreditation from Ministry of Agriculture, Govt. of India for its Agriculture programmes.

## ABOUT CONFERENCE

Division of Research and Development under the aegis of Lovely Professional University is organizing an 4th International Conference on Functional Materials, Manufacturing and Performances (ICFMMP) from 28th-29th July, 2023. This is the 4th series of ICFMMP after the success of ICFMMP-2019, ICFMMP-2021 and ICFMMP-2022. Globalization provides all around development and this development is impossible without technological contributions. Hence, the ICFMMP will provide the current challenges and blooms in materials science and advanced manufacturing for various industrial applications like aerospace, automobile, marine, and biomedical also including Additive Manufacturing, 3-D printing, bio-manufacturing and smart manufacturing systems. The ICFMMP conference aims at providing a leading forum for sharing original research contributions & practical developments in the field of Materials & Advanced Manufacturing so as to contribute its share for technological advancements.

## OBJECTIVES

- The main objective of the conference is to provide a unique platform to facilitate the scientists, researchers, academicians, industrialists, and students to share the recent advancements & the challenges in the all aspects of Functional Materials, Manufacturing & Performances.
- To review the state of knowledge, present the results of scientific work, implementations, and innovations, as well as discuss and exchange experience in the field of Materials Science, Processing, & Manufacturing for various industrial applications like aerospace, automobile, marine, and biomedical.
- To exchange Innovative Ideas among the researchers in the area of materials science and advanced manufacturing for various industrial applications like aerospace, automobile, marine, & biomedical also including Additive Manufacturing, 3-D printing, bio-manufacturing and smart manufacturing systems from all around the world..
- To provide an opportunity for national and international experts and industry leaders to share their experiences.

## THRUST AREAS/TRACKS

- Track 1. Functional and Smart Materials
- Track 2. Advanced Manufacturing Technology
- Track 3. Modelling, Analysis and Optimization of Manufacturing Processes
- Track 4. Materials Properties
- Track 5. Sustainable and Advanced Remanufacturing Processes
- Track 6. Manufacturing and Industrial Engineering

## IMPORTANT DATES

Paper Submission Starts	February 10, 2023
Paper Submission Closes	July 30, 2023
Registration Open	April 1, 2023
Registration Closes	Aug 15, 2023
Conference Dates	25th-26th Aug, 2023

## KEYNOTE SPEAKERS



Prof. Seeram Ramakrishna  
Vice-President (Research Strategy)  
and Dean of Faculty of Engineering  
National University of Singapore,  
Singapore



Prof. Sanjay Mathur  
Director  
University of Cologne in Germany &  
Institute of Renewable  
Energy Sources,  
China.



Prof. Ramamoorthy Ramesh  
Vice President for Research  
Professor of Materials Science and  
Nanoengineering  
Professor of Physics and Astronomy,  
Rice University, USA



Prof. Duc Truong PHAM  
Chair of Engineering at the  
University of Birmingham,  
UK



Dr. Mohd Ubaidullah  
Department of Chemistry,  
College of Science  
King Saud University,  
Saudi Arabia



Prof. Rupinder Singh  
Professor & Head  
Department of  
Mechanical Engineering  
NITTTR, Chandigarh



Dr. Rajesh Ghosh  
Associate Professor  
School of Mechanical and  
Materials Engineering  
Indian Institute of Technology Mandi  
Himachal Pradesh

## REGISTRATION FEE

Conference Proceedings	Indian Participants	International Participants
	Registration and Publication Fee [INR]	Registration and Publication Fee [USD]
Research Scholars	8000	300
Faculty/Industry/ Post-Docs/ Research Centre's	10000	350
Special Issue	15000	550

## PUBLICATION PARTNER

All accepted papers will be published in Scopus indexed AIP conference proceedings (SCOPUS Indexed; SJR:0.16)



## SOME RELEVANT THEMES

- Materials Science
- Emergent Materials
- Energy
- Industry
- Computer Science & technology (Artificial Intelligence)
- Machine Learning
- Robotics and Automation
- CAD/ CAM/ CAE

## PAPER SUBMISSION LINK

- All submissions will be processed through EASYCHAIR only.
- Paper Submission Link: <https://tinyurl.com/mr2wnejv>

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