International Conference on
Sustainable Energy Sources, Technologies & Systems 2023 (ICSEESTS-2023)

Advancing Sustainable Energy

3rd to 5th August, 2023

Organized by
Division of Research and Development
Lovely Professional University

www.lpu.in
ABOUT 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 2023 has ranked LPU 2nd in India. The Times Higher Education World University Rankings 2023 has ranked LPU 23rd amongst Top Universities of India (Both Govt. & Private). The University has also been ranked 38th in NIRF Rankings 2023 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., 16th in Architecture, 16th in Law, 17th in Pharmacy, 27th in Agriculture, 32nd in Management, 42nd in Research and 50th 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 ICSESTS 2023

Energy is backbone of any society for its sustainability. However, sustainability of the society is at risk due to continuously increasing energy demand, rampant use of limited fossil fuels and their adverse impact on the environment. Burning of fossil fuels create pollution and increases temperature of earth atmosphere, which eventually leads unfavourable conditions for food grain, soil fertility, potable water, human health and inconsistency in the natural processes (e.g. shifting the seasons). As a result, focus on of the scientific community, politicians, governments, policy and decision makers has shifted to explore and utilize the sustainable energy resources, conversion technologies, efficient process and system utilizing energy in sustainable manner that can ensure the sustainability of society in future. Recently, significant efforts have been made in different areas for developing and innovating technologies and processes for utilizing fossil fuels sustainably and conversion, utilization of renewable energy sources, preserving water resources, organic farming, food management and security, energy sufficient architecture etc. In order to ensure the sustainability, developed technologies and process are being demonstrated and implemented, low cost and highly efficient materials are explored, promotional policies are developed and new capacity buildings programs are offered. The progress and developments in the listed areas are required to be shared among the global stakeholders for speedy replication, progress and development and ensuring the sustainability of natural systems to provide the natural resources and ecosystem services on which the economy and society depend. The aim of the conference is to bring all the stake holders of sustainable development and climate change to one platform to discuss the progress, achievements and advancements in processes, methodologies, techniques, technologies, policies, education and governances that can effectively and economically contribute in addressing the issues hindering the sustainable development of the society and severely impacting the climate change. Through this conference we offer an opportunity to exchange new and advancements in the area of listed themes and subthemes among stakeholders for further speedy progress in sustainability and limiting the rise in global temperature. Moreover, the conference opens new doors for networking and initiating the bilateral and multilateral interdisciplinary research in areas of mutual interests for achieving the sustainable development goals (SDGs), which is essentially required limiting global warming (rise in global temperature less than 2 °C or even 1.5 °C by the end of this century) and reducing adverse impact on the agriculture, infrastructure and society.
The main objectives of the conference are:

1. To bring experts and other stakeholders of sustainable development on a common platform
2. To offer the conducive environment to the stakeholders for exchanging their ideas, opinions & research outcomes that appropriately address the issues of sustainability and climate change
3. To identify the suitable technologies, tools and processes that can ensure the sustainable global society
4. To document the innovative and economical viable options for sustainable development for future reference
5. To enable young researchers to explore the opportunities to work with top global scientists in the areas of sustainable development and climate change

Expected Outcome:
1. Proceedings on Advanced knowledge on various aspects of developments of technologies, processes, techniques, materials, policies and promotional activities for sustainable development
2. Pathways for future course of action for expediting the process of sustainable development
3. Directive document for future research activities
4. Possible options for new academic and training programs in the area of sustainable development
5. Technologies, processes, techniques and policies to be adopted and implemented swiftly
6. Opportunities for national and international collaborative research activities
7. Opportunities for young researchers to work in nationally and internationally renowned scientists & institutions
IMPORTANT DATES

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tr>
<td>Paper Submission Starts</td>
<td>03rd April 2023</td>
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<tr>
<td>Paper Submission Deadline</td>
<td>31st July 2023 (Extended)</td>
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<td>Paper Acceptance Notification Starts</td>
<td>1st July 2023</td>
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<td>Registration Commencement</td>
<td>1st May 2023</td>
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<td>*Early Bird Registration</td>
<td>Till 25th July 2023</td>
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<td>Late or On Spot Registration</td>
<td>After 25th July 2023</td>
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REGISTRATION FEE

<table>
<thead>
<tr>
<th>Participation</th>
<th>Early Registration</th>
<th>Late/ Onsite Registration</th>
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<tr>
<td>Author</td>
<td>National</td>
<td>International</td>
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<tr>
<td>Students / Research Scholar</td>
<td>INR 4000</td>
<td>$200</td>
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<tr>
<td>Faculty</td>
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<td>Industry</td>
<td>INR 8000</td>
<td>$300</td>
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Registration Fee includes:
- Registration Kit
- Access to all Keynote addresses and technical sessions (Hybrid Mode)
- Participation and presentation (poster/oral) certificates
- Nominal accommodation charges will be paid by participants; however, food facility will be catered by conference organizers

Registration Link:
https://conferences.lpu.in/icsests/RegistrationForm.aspx

PAPER SUBMISSION GUIDELINES

Authors are requested to submit their manuscript through easy chair in Microsoft Word format. Abstract, not exceeding 250 words, should be typed in Times New Roman font (font size 12), double spaced and thoroughly revised before submission. No editing or material changes at the proof stage shall be permitted.

- The title should be short, specific, and informative, not exceeding 25 words; type first letters in capitals.
- The title should be followed by the names of author(s). The name of the principal author/corresponding author should be marked with an asterisk (*) and name of the author who would be presenting the paper should be underlined.
- Give complete affiliation of the authors.
- While sending the manuscript, the author should also indicate the tracks
- Advances in renewable energy conversion technologies and processes.
- Sustainability in agriculture and climate change
- IoT for sustainable development
- Sustainable materials for energy conversion and storage

PAPER SUBMISSION LINK

https://easychair.org/conferences/?conf=icsests2023

- Authors are also advised to send their paper on official E-mail id icsests@lpu.co.in along with their easychair paper id.
- After receiving the manuscript, an acknowledgment will be sent to the author with the reference number. This number should always be quoted while making further enquiries about its publication.
All the accepted papers will be published in reputed conference proceedings duly indexed in Scopus database, subjected to the prior consent from the publication house. Extended version of selected papers from the conference will be published in SCI/SCIE, Scopus Journals duly indexed in Web of Science databases. There are no separate publication charges for the inclusion of selected papers from conference to Journal. There are many more reputable journals to come, however a few conference proceedings & journal are listed below:

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- Journal of Thermal Analysis and Calorimetry
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- IOP Conference Series:
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  - Chemical Engineering Communications

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