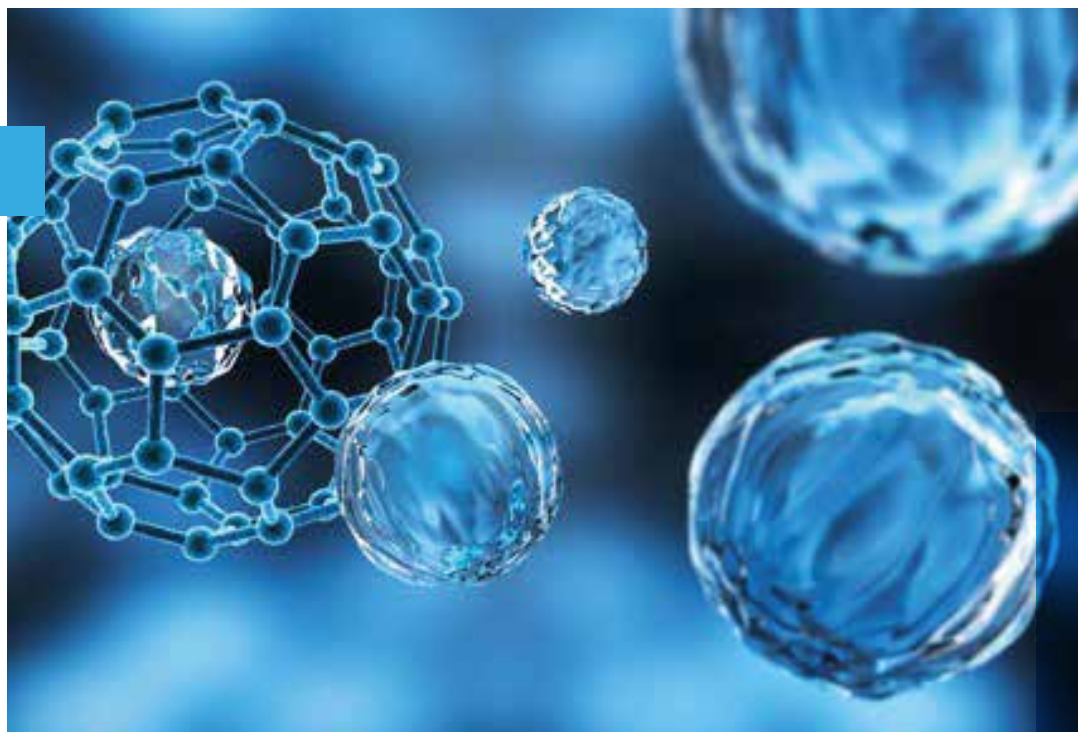




LOVELY
PROFESSIONAL
UNIVERSITY

Transforming Education Transforming India



International Conference on **Recent Advances in Waste Minimization & Utilization-2024** (RAWMU-2024)

April 23-24, 2024, Hybrid (Onsite/Online) Mode

In collaboration with
The Institution of Engineers (Technical Sponsors) &
STM Conferences

(The Institution of Engineers India, Ludhiana Local Chapter, Ludhiana, Punjab, India and STM Conferences)

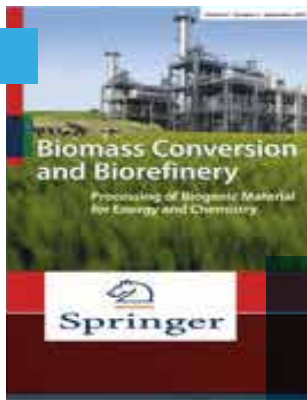
Organized By :

Research & Development Cell
Lovely Professional University, G.T. Road Phagwara,
Punjab (India) 144411

Think**BIG**

Publication Partners

1. Environmental Science and Pollution Research (Q1 SCI, Impact Factor: 5.19, SJR:0.94)

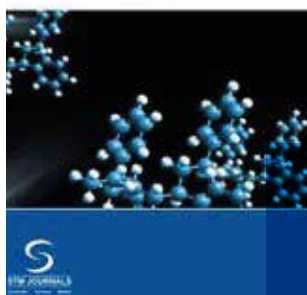


2. Biomass Conversion and Biorefinery (SCI, Impact Factor: 4.05 SJR:0.54)

3. Bulgarian Chemical Communications (Scopus, 0.50 IF and SJR: 0.169)



Journal of Polymer & Composites



4. Journal of Polymer and Composites (ESci) ISSN: 2321-2810, Scientific Journal Impact Factor (SJIF): 6.005.

About Lovely Professional University



Lovely Professional University (LPU) is a multi-faculty research-oriented institution with hi-tech campus offering more than 200 professional programs. 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 organizations. LPU is the recipient of various awards recognitions and accreditations. LPU receives the Highest Grade A++ with a 3.68 score on the 4-point scale by NAAC (National Assessment & Accreditation Council), an Autonomous Institution of the University Grants Commission (UGC), Ministry of Education, Govt. of India. It is the highest score in 1st cycle of Accreditation among all Govt and Private universities. 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. and private). The University has also been ranked 38th in NIRF Rankings 2023 by the Ministry of Education, Govt. 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 the Ministry of Agriculture, Govt. of India for its Agriculture programs.

About Conference

In a world increasingly grappling with the complex challenges of waste management, environmental sustainability, and resource conservation, it is our pleasure to extend a warm welcome to the pioneering conference on "Recent Advances in Waste Minimization & Utilization" (RAWMU). This conference stands at the forefront of innovation, knowledge exchange, and collective action. The conference is organized collaboratively by the visionary Research and Development Cell at Lovely Professional University, Jalandhar, Punjab, India, and is technically sponsored by the Institution of Engineers India, Ludhiana Local Chapter, Ludhiana, Punjab, India. RAWMU-2024 represents a pivotal platform in the pursuit of sustainable waste management practices. To foster inclusivity and accessibility for all participants, the conference will be organized in a hybrid mode, accommodating both in-person and online for remote attendees.

RAWMU-2024 is not just a conference; it is a convergence of minds committed to addressing the pressing global issues surrounding waste. With an unwavering focus on innovation, cutting-edge technologies, and best practices, this conference catalyzes dialogue, collaboration, and the transition to sustainable waste management practices. Throughout the event, attendees will have the privilege of engaging with keynote addresses, technical sessions, panel discussions, and poster presentations, each meticulously designed to cover a comprehensive spectrum of themes related to waste management and materials. This conference will provide a platform to facilitate scientists, researchers, academicians, industrialists, and students to exchange their knowledge, ideas, and innovations. It will also enable the delegates to establish research relations as well as to find international linkage for future collaborations.

Conference Themes:

Our conference themes encompass a wide array of topics that include :

- Innovative Technologies for Waste Minimization
- Waste-to-Energy Solutions
- Biomass Utilization, Bioenergy and biofuels
- Green Chemistry and Sustainable Processes
- Sustainable Practices in Industry
- Sustainable Water and Wastewater Management
- Material synthesis and characterization
- Polymer synthesis and characterization
- Circular Economy and Sustainable Waste Management
- Recycling and Upcycling Strategies
- Environmental Policy and Regulations
- Case Studies and Best Practices
- Emerging Trends in Waste Reduction
- Sustainable Packaging and Material Innovation
- E-waste Management and Electronics Recycling
- Waste Minimization in Healthcare
- Waste Minimization in Food and Agriculture
- Waste Minimization in Urban Planning
- Electrochemical Energy Conversion and Storage
- Biomaterials
- Computation and Experimental Mechanics
- Community Engagement and Education
- Waste Characterization and Analytics
- Zero Waste Initiatives
- Computational Materials Science and Engineering
- Modeling and simulation
- Robotics and automation
- Fluids Mechanics/Dynamics/Flow Analysis
- Waste Reduction and Sustainability Metrics

These themes collectively represent a holistic approach to addressing the complex challenge of waste generation, management, and its potential transformation into valuable resources.

Our conference themes resonate deeply with both the national and global agendas. They align closely with the strategic priorities of the Government of India, including prominent initiatives like Swachh Bharat Abhiyan, Make in India, and the Smart Cities Mission. Furthermore, these themes harmonize seamlessly with the broader spectrum of global sustainability objectives, prominently exemplified by the United Nations' Sustainable Development Goals, the Paris Agreement, and the collective international endeavours to mitigate climate change.

Important Dates

Last Date for Submission of Abstract	21 March 2024
Notification for acceptance	24 March 2024
Manuscript submission	07 April 2024
Conference date	23-24 April 2024
Registration Deadlines	*Early bird registration Till 10 April, 2024
Late or on the spot Registration after 10 April, 2024	

Registration link : <https://conferences.lpu.in/rawmu/RegistrationForm.aspx>

Participation		Early bird Registration	Late Registration	Early bird Registration	Late Registration	Publication charges
		National		International		
Author	Students/ Research Scholar/ Postdocs	Rs. 2100	Rs. 2500	\$75	\$100	9,000 INR / \$300
	Faculty / Scientists	Rs.2500	Rs. 3000	\$100	\$125	
	Industry	Rs. 4000	Rs. 4500	\$125	\$150	
Non author	Attendee	Rs.1000	NA	\$25	NA	

*Registration fee includes

Guest of Honor

Chief Guest



Prof. Kamal Kishore Pant
 Director, IIT Roorkee, India (On deputation)
 Department of Chemical Engineering
 Indian Institute of Technology Delhi, India



Shri Pankaj Kumar, IAS
 Managing Director
 Maharashtra Fishery Development Corp.
 Mumbai, India



Dr. Atul N. Vaidya,
 Director ,
 CSIR-National Environmental Eng.
 Research Institute
 (CSIR-NEERI), Nagpur, India



Mr. Malu Kamble,
 Managing Director,
 KEP Engineering Services Pvt. Ltd,
 Hyderabad, Telangana, India



Mr. Rajnish Narula
 Director Business Excellence
 Pfizer , Singapore



Prof. Srinivas Palanki
 Department of Chemical and
 Biomedical Engineering
 West Virginia University, USA



Mr. Pramod Gangiyan
 MD & CEO
 OM INKS & RESINS, Wapi,
 Gujarat, India

Keynote Speakers



Prof. Nishith Verma
 Department of Chemical Engg.
 IIT Kanpur



Dr. Arvind Dhingra
 Chairman, The Institution of
 Engineers India,
 Ludhiana Local Chapter,
 Ludhiana, Punjab



Dr. Yogendra K. Saxena, FIE (India)
 Sustainability Advisor, Former,
 Chief Sustainability Officer,
 Tata Power
 Chief of EHS & Sustainability,
 Jubilant Life Sciences
 Sr. Vice President - EHS,
 Ambuja Cement, Noida



Mr. H S Cheema,
 (Managing Director)
 Cheema Boilers Limited,
 Mohali Road, Chandigarh, India



Prof. Anil Verma
 Department of Chemical Engineering,
 IIT Delhi



Prof. Vimal Katiyar
 Department of Chemical Engg.
 IIT Guwahati



Dr. Thalada Bhaskar
 Chief Scientist
 CSIR Indian Institute of Petroleum
 Head of the Division,
 Material Resource Efficiency Division
 Dehradun, Uttarakhand, India



Prof. Vivek Kumar
 Center for Rural
 Development and Technology,
 IIT Delhi



Prof. Ram Sharan Singh
 Department of Chemical Engineering
 IIT BHU



Mr. Ugrasen Yadav
 Associate Vice President
 Technip Energies, Noida,
 Uttar Pradesh, India



Prof. Martin Kaltschmitt
 Hamburg University of
 Technology (TUHH), Institute of
 Environmental Technology and
 Energy Economics (IUE),
 Hamburg, Germany



Prof. Dipankar Bandyopadhyay
 Department of Chemical Engg.
 IIT Guwahati

- Registration Kit
- Access to all Keynote addresses and technical sessions (Hybrid Mode)
- Participation and presentation (poster/oral) certificates
- A separate Article publishing Charges (APC of 9000 INR or 300 USD) are applicable for publication in SCI/Scopus Indexed Journals

Instructions for Authors (Abstract Submission)

- Authors must send the Abstract written in English language (Font type Times New Roman and size 12, typed) single-spaced on standard A4-sized paper via email: rawmu@lpu.co.in
- Abstract should not be more than 200 words.
- The title should be precise, short, and informative. and should be bold in written with Author's names and affiliation followed by the Title.
- The paper presenter's name must be indicated in bold name and underlined in the abstract.

Full-length Manuscript submission guidelines

- Accepted full-length peer-reviewed and plagiarism (15%) articles will be published in WoS / Scopus-indexed journals
- Additional nominal charges will be applicable for the publication.
- Authors are requested to submit camera-ready full-length papers as per the Journal's format and email it to rawmu@lpu.co.in
- The full paper must be written in the justified format with 1.5 paragraph spacing, a font size of 12 Times New Roman, and follow the reference styling as mentioned in the journal website or as directed by email.

Organizing Committee

Chief Patron	Dr. Ashok Mittal, Chancellor, Lovely Professional University, Punjab, India
Patron	Mrs. Rashmi Mittal, Pro-Chancellor, Lovely Professional University, Punjab, India
General Chair	Prof. Sanjay Modi, Pro Vice Chancellor, Lovely Professional University, Punjab, India Prof. (Dr) Lovi Raj Gupta, Pro Vice Chancellor, Lovely Professional University, Punjab, India Prof. (Dr) Monica Gulati, Professor & Executive Dean, Lovely Professional University, Punjab, India
Chairperson	Prof. (Dr) Saurav Dixit, Head, Research and Development Cell, Lovely Professional University, Punjab, India Dr. Raj Kumar Arya, Dr. B R Ambedkar National Institute of Technology, Jalandhar, Punjab, India
Organizing Secretary	Dr. Pratima Avinash Wadhvani, Lovely Professional University, Punjab, India Dr. Pranav Kumar Prabhakar, Lovely Professional University, Punjab, India
Joint Organising secretary	Dr. Anurag Kumar Tiwari, Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab, India Dr. Shashikant Yadav, Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab, India

Convener	Dr. Vipul Shrivastava, Lovely Professional University, Punjab, India Dr. Pratima Avinash Wadhvani, Lovely Professional University, Punjab, India
Publication Committee	Dr. Pratima Avinash Wadhvani, Lovely Professional University, Punjab, India Dr. Raj Kumar Arya, Dr. B R Ambedkar National Institute of Technology, Jalandhar, Punjab, India Dr. Hitesh Vasudev, Lovely Professional University, Punjab, India
Finance Committee	Dr. Ramandeep Singh, Lovely Professional University, Punjab, India Mr. Akshay Kumar Lovely Professional University, Punjab, India
Registration Committee	Dr. Ravinder Kambhoj, Lovely Professional University, Punjab, India Dr. Yachna Mishra, Lovely Professional University, Punjab, India Dr. Madhuri Girdhar, Lovely Professional University, Punjab, India Dr. Ajay Kumar, Lovely Professional University, Punjab, India Mr. Sunil Kapoor, Lovely Professional University, Punjab, India
Technical Committee	Dr. Kuldeep Kumar Saxena, Lovely Professional University, Punjab, India Mr. Rajeev Kanday, Lovely Professional University, Punjab, India Dr. Vijay Kumar, Lovely Professional University, Punjab, India Dr. Arvind Dhingra, The Institution of Engineers India, Ludhiana Local Chapter, Ludhiana, Punjab Dr. Sudeep Banerjee, Project Manager, Punjab Milkfed, Ludhiana
Sponsorship Committee	Dr. Ramandeep Singh, Lovely Professional University, Punjab, India. Mr. Mohammad Wasim, Lovely Professional University, Punjab, India
Local Arrangement Committee	Dr. Manish Vyas, Lovely Professional University, Punjab, India Mr. Mohammad Wasim, Lovely Professional University, Punjab, India Mr. D.Chalotra, Lovely Professional University, Punjab, India Mr. Sunil Kapoor, Lovely Professional University, Punjab, India Mr. Pawan Prashar, Lovely Professional University, Punjab, India Mr. Harinder Singh, Lovely Professional University, Punjab, India Mr. Amandeep, Lovely Professional University, Punjab, India
Plenary Session Committee	Dr. Gulshan Kumar, Lovely Professional University, Punjab, India Dr. Sarika Sharma, Lovely Professional University, Punjab, India Dr. Hitesh Vasudev, Lovely Professional University, Punjab, India Dr. Ravinder Kumar, Lovely Professional University, Punjab, India Dr. Reji Thomas, Lovely Professional University, Punjab, India Dr. Nupur Prasad, Lovely Professional University, Punjab, India
Hospitality/ Transport Committee	Dr. Devendra Pandey, Lovely Professional University, Punjab, India Dr. Sanjeev Kumar Sahu, Lovely Professional University, Punjab, India Dr. Sachin Gupta, Lovely Professional University, Punjab, India Mr. Amandeep, Lovely Professional University, Punjab, India Mr. Pawan Prashar, Lovely Professional University, Punjab, India Mr. Harinder Singh, Lovely Professional University, Punjab, India

Organizing Committee

Media and Publicity Committee	Dr. Manish Vyas, Lovely Professional University, Punjab, India Mr. Nihaz Anvar, Lovely Professional University, Punjab, India Mr. Balwinder Singh, Lovely Professional University, Punjab, India
-------------------------------	--

International Advisory Committee

Prof. Srinivas Palanki, Department of Chemical and Biomedical Engineering, West Virginia University, USA
Mr. Rajnish Narula, Director of Business Excellence Pfizer, Singapore
Dr. Mekala Bikhshapati, TSMEC, Taiwan
Prof. Martin Kaltschmitt, Hamburg University of Technology (TUHH), Institute of Environmental Technology and Energy Economics (IUE), Hamburg, Germany
Prof. Rabah Khenata, Université de Mascara, Mascara , Algerie
Prof. Saleh Hasan Naqib, University of Rajshahi, Rajshahi 6205
Dr. Amit Mahulkar, C-Zero, USA

National Advisory Committee

1	Prof. Nageswara Rao Peela, Department of Chemical Engineering, IIT Guwahati (Session Chair)
2	Prof. Ateeque Malani, Department of Chemical Engineering, IIT Powai
3	Prof. Indrajit Chakraborty, Environmental Science and Engg, IIT Powai (Session Chair)
4	Prof. Chandra Shekhar Sharma, Department of Chemical Engineering, IIT Hyderabad (Session Chair)
5	Dr. Neelkanth Nirmalkar, Department of Chemical Engineering, IIT Ropar (Session Chair)
6	Dr. Vandit Vijay, Scientist- C, Sardar Swaran Singh National Inst. Bio Energy Kapurthala (Session Chair)
7	Dr. Mahesh N Verma, Department of Chemical Engineering, NIT Nagpur (Session Chair)
8	Dr. Manish Kashyap, Jawaharlal Nehru University, New Delhi, India
9	Dr. Susmita Das, Department of Chemical Engineering, NIT Calicut (Session Chair)
10	Dr. Tushar Deshpande, Department of Chemical Engineering, North Maharashtra University (NMU) Jalgaon (Session Chair)
11	Dr. Shirish Hari Sonawane, Department of Chemical Engineering, NIT Warangal (Session Chair)
12	Dr. Prakash Jadhav, Department of Chemical Engineering, SGGSI&T Nanded (Session Chair)
13	Dr. S. Mote, Department of Chemical Engineering, Priyadarshini Insti of Engg. & Technology, Nagpur
14	Dr. Samir Deshmukh, Department of Chemical Engineering, Laxminarayan Institute of Technology (LIT) Nagpur
15	Dr. A. Waheed Deshmukh, Department of Chemical Engineering, SGGSI&T, Nanded (Session Chair)

Contact us:

- **Dr. Pratima Avinash Wadhvani**, Associate Professor (Chemical Engg), Department of Sponsored Research, Research and Development Cell, Lovely Professional University, Jalandhar, Punjab, India, pratima.24280@lpu.co.in, +91 8360986721, +91 7814249560
- **Dr. Raj Kumar Arya**, Associate Professor, Department of Chemical Engineering, Dr. B R Ambedkar National Institute of Technology, Jalandhar, Punjab, India, aryark@nitj.ac.in

Link: <https://conferences.lpu.in/rawmu/>



Research & Development Cell,
Lovely Professional University
G.T. Road Phagwara Punjab (India) 144411

Think**BIG**