



ICMSN

2026

4TH INTERNATIONAL CONFERENCE ON MACROMOLECULES, SUPRAMOLECULES AND NANOTECHNOLOGY



20 & 21 FEBRUARY, 2026



SCAN TO GET REGISTERED

ORGANIZED BY

CENTRE OF EXCELLENCE IN
MACROMOLECULES AND NANOTECHNOLOGY
LJ SCHOOL OF APPLIED SCIENCES,
LJK UNIVERSITY, AHMEDABAD, GUJARAT, INDIA.

LOK JAGRUTI KENDRA UNIVERSITY

Lok Jagruti Kendra University (LJK University), established under the Gujarat Act No. 19 of 2019, is the culmination of over four decades of educational excellence by the Lok Jagruti Kendra (LJK) Trust, a charitable trust founded in 1980 by eminent academicians and social reformers including Prof. B.M. Peerzada, Padma Bhushan Lord Mehnad Desai, Prof. Gautam Appa, Late Prof. M.S. Trivedi, Late Shri Girishbhai Patel, and Shri Subodhbhai Shah. Guided by the vision to be a key player in education and social development, the Trust has nurtured creativity, scholarship, innovation, and excellence across a network of quality institutions.

Today, the Trust oversees 32 institutes across two eco-friendly campuses in Ahmedabad, serving more than 21,000 students with over 1,000 faculty members. LJK University integrates 13 of these renowned institutes, offering 42 academic programs at diploma, undergraduate, postgraduate, Ph.D., certificate, and short-term levels.

The University's state-of-the-art campus features technology-enabled smart classrooms, over 5,500 computer workstations with high-speed fiber connectivity, advanced laboratories, design studios, seminar halls, auditoriums, and well-stocked libraries, creating a stimulating environment for learning and collaboration.

Academic disciplines include Engineering, Management, Pharmacy, Architecture, Computer Applications, Applied Sciences, Design, Communication, Physiotherapy, Commerce, Event & Sports Management, Education, and Law. LJK University emphasizes value-based, holistic education, blending theory with practical experience through its distinctive "lab-to-land-to-lab" methodology — preparing students to solve real-world challenges, drive innovation, and contribute meaningfully to society.

LJ SCHOOL OF APPLIED SCIENCES

LJ School of Applied Sciences (LJSAS) aims to promote curiosity, learning and application ability among its students. Through its unique pedagogic strategies, it is nurturing students to understand basic and applied science and become problem solver in their future role as scientists, technologists, thinkers and leaders of the society. We at LJSAS are innovating in teaching-learning methodology, research, practice orientation, mentoring, and student evaluation and value addition process along with overall holistic development of young students. The School offers various programs such as B.Sc.(Hons.) as per NEP 2020 in Chemistry, Microbiology, Biotechnology, MSc. in Chemistry, Microbiology, Biotechnology and Medical Laboratory Technology along with interdisciplinary PhD programs.

Gujarat is an entrepreneurial and industrially advanced state which hosts a series of promising industrial sectors based on applied science and engineering. Our academic programs are designed in such a manner that students can avail theoretical knowledge along with enough avenue for practical exposure so that they get industry ready by the time they graduate. We are also working to co-develop programs and courses with industries and practicing organizations working in applied science domain so that we amalgamate excellence and relevance through each of our programs

CENTRE OF EXCELLENCE IN MACROMOLECULES AND NANOTECHNOLOGY

Macromolecules give rise to entangled materials with unique properties. They are part of our daily life and sometime in the realm asked, based on their broad applications. Today macromolecular chemistry is a subject of worldwide importance in education and research in universities, high-school and research institutes and is an extremely important economic factor in different areas of industry. Scientifically and practically, macromolecular chemistry overlaps the disciplines of bio-sciences, physics, engineering science and material science.

Super and supra-molecular arrangements of protein polymers and the metal

parts are essential for biologically important reactions such as gas transport, catalysis and photo-catalysis. The reactivity of biological reactions and synthesis are of fundamental importance for the construction and optimization of artificial systems. It is very important to realize that activity and selectivity only arise from the combination of specific metals in a specific ligand surrounding a specific natural macromolecule.

Nanotechnology is one of the newest and fastest-growing areas of science and engineering. The subjects arise from the convergence of electronics, physics, chemistry and biology and material science to create a new functional system of Nano scale dimensions. Nano assembly consists of macromolecules which play increasingly important roles ranging from the design of extraction agents for environmentally toxic species to the development of new pharmaceuticals. Macromolecular assemblies, constructed using single electro- or photo-active molecules as building blocks, offer a string way to create material whose organised architecture makes them suitable for developing molecular electron devices.

THE CONFERENCE AND ITS OBJECTIVES

This is the fourth edition of the International Conference, bringing together leading scientists, researchers, students, and technology developers to share their latest research advancements and innovations. Experts and academicians from top national and international organizations across diverse disciplines will participate, fostering rich cross-disciplinary interactions.

The conference serves as an exceptional platform for researchers and students to engage directly with eminent scientists, exchange ideas, and explore collaborative opportunities. It offers a unique opportunity to discover and discuss cutting-edge developments in the fields of macromolecules, supramolecules, nanotechnology, and allied disciplines, paving the way for future innovations and scientific progress.

The scientific program of conference provides an unique opportunity in the new emerging area of Macromolecules, Supramolecules and Nanotechnology.

- Macromolecules, Polymers and applications.
- Fullerenes, Nanotubes, Graphene and their applications.
- Supramolecules: Crown ethers, Calixarenes, Calix crown, Calixresorcerenes, Rotaxanes, Catenanes, Cryptands, MOF and their applications.
- Coordination chemistry, Molecular recognition.
- Drug design, Nano drug delivery, Molecular docking and Forensic pharmacy.
- Solvent extraction and separation techniques, Analytical and Industrial potentialities.
- Nanobiotechnology, Food and Microbial biotechnology, Environmental biotechnology.
- Nanotechnology: Nanoparticles, Nanochips, Nanowires, Photonics, Nanofluidic, Nano fertilizers.
- Green Chemistry, Waste management, Non-conventional energy management.

IMPORTANT DATES

Last date of early bird registration

31st December, 2025

Last date of abstract submission

15th January, 2026

Acceptance of abstract

31st January, 2026

Last date of registration

09th February, 2026

REGISTRATION FEES STRUCTURE

Student / Research Scholar
Faculty / Academician
Industry Professional
International Participant

	Early bird	Regular
Student / Research Scholar	₹ 1200	₹ 1700
Faculty / Academician	₹ 1500	₹ 2000
Industry Professional	₹ 1800	₹ 2200
International Participant	\$ 120	

Abstract must be submitted by email: icmsn2026@gmail.com

Best paper will be awarded and the awardee will be required to make an oral presentation

PATRON

Prof. Dinesh Awasthi
Vice-Chancellor
LJK University

Dr. Manish Shah
President
Lok Jagruti Kendra

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Chairman, Centre of Excellence in
Macromolecules and Nanotechnology