

Venue: C V Raman Hall, Mechanical block, KLEF

*** Participation Certificate and conference proceedings with ISBN code will be issued to all participants ***

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<https://www.kluniversity.in/chemistrynew/IconPac-2024/>



KL

(DEEMED TO BE UNIVERSITY)

Department of Chemistry

CATEGORY 1
UNIVERSITY
BY MHRD, Govt. of India

KL ACCREDITED BY
NAAC WITH A++
GRADE

NATIONAL
INSTITUTIONAL
RANKING
2023
RANKED 28
AMONG ALL
UNIVERSITIES

43 YEARS OF
EDUCATIONAL
LEADERSHIP

IconPAC - 2024

International Conference on PURE AND APPLIED CHEMISTRY

"CATALYZING INNOVATION:
EXPLORING THE FRONTIERS OF
SUSTAINABLE CHEMISTRY FOR
A GREENER FUTURE"

2nd- 3rd February 2024

www.kluniversity.in

SCAN TO



REGISTRATION

KONERU LAKSHMAIAH EDUCATION FOUNDATION

The Koneru Lakshmaiah Charities was established as a trust in the year 1980 with its official address at Museum Road, Governerpet, Vijayawada, Andhra Pradesh, India and started KL College of Engineering in the Academic year 1980-81. KLEF was established in 1980-81, as KL College of Engineering, which was upgraded to KL College of Engineering Autonomous in 2006 by UGC and was declared as a Deemed to be University in 2009 by UGC, MHRD Govt. of India. In 2012 as a Deemed to be University the institution was accredited by NAAC with A Grade and later in 2018, was re-accredited by NAAC with A++ grade. In 2019 UGC, MHRD declared this institution as Category 1. The University was also ranked 27 under NIRF 2022.

ABOUT DEPARTMENT OF CHEMISTRY

Department of Chemistry is one of the vibrant departments of K L E F (Deemed to be University) with highly qualified and well experienced faculty whose areas of expertise and research include organic synthesis, Bio Sensors, Material Chemistry, Natural products, Medicinal Chemistry, Analytical, Bio Analytical, Inorganic, Physical, Environmental and Nanotechnology. The Department has infrastructural facilities in terms of well-equipped laboratories with modern instruments and well-furnished and spacious classrooms to appease the requirement of undergraduate & postgraduate students apart from M. Phil and Ph. D students. The department is recognized as DST-FIST Level 1 department with grant of Rs.190 lakhs by the Department of Science and Technology, Govt. of India, New Delhi. Our faculty members have received grants from DST and are working on many more. The department also has good number of sponsored research projects under DST SERB. Faculty members of our department have published more than 500 research publications in highly reputed international journals with high impact factor.

ABOUT ICONPAC 2024

Department of Chemistry, Koneru Lakshmaiah Education Foundation, Andhra Pradesh is organizing an **International Conference on Pure and Applied Chemistry, IconPAC 2024 on 2nd – 3rd February 2024**. The theme for the IconPAC-2024 is **"Catalyzing Innovation: Exploring the Frontiers of Sustainable Chemistry for a Greener Future"**. In a time when the world faces unprecedented challenges, our collective commitment to catalyze change through innovation becomes more crucial. This conference stands as a beacon of hope, a platform where minds converge, ideas flourish, and collaborations bloom. With the theme "Catalyzing Innovation," we embark on a quest to uncover

the transformative power of chemistry, not merely as a scientific discipline but as a driving force for positive global impact. Moreover, this conference is not just an assembly of minds, but a community bound by a common vision – a greener and more sustainable future. We urge you to embrace the opportunity to connect with fellow participants, build collaborations, and share your insights. Let us not forget that the most extraordinary breakthroughs often emerge from the exchange of diverse perspectives.

Welcome to the International Conference on Pure and Applied Chemistry: Catalyzing Innovation – Exploring the Frontiers of Sustainable Chemistry for a Greener Future. Let us embark on this journey together, as agents of change, catalysts of innovation, and champions of a greener tomorrow.

TOPICAL CATEGORIES TO SUBMIT ABSTRACTS :

IconPAC 2024 invites full-length original research articles from research scholars, faculty, scientists, and industry professionals from India and across the world.

The topics of interest of the IconPAC 2024 are as follows, but are not limited to:

- **Innovations in Chemical Synthesis and Catalysis**
 - Novel synthetic methodologies •Green and sustainable synthesis •Catalytic transformations •Enzymatic and biocatalytic processes•Flow chemistry and microreactors
- **Materials Chemistry: From Design to Applications**
 - Functional nanomaterials •Advanced polymers and composites •Biomaterials and medical devices •Electronic and optoelectronic materials •Energy conversion and storage materials
- **Computational Insights into Molecular Systems**
 - Quantum chemical calculations •Molecular dynamics simulations •Machine learning in chemistry •Cheminformatics and molecular modeling •Rational drug design
- **Frontiers in Analytical and Spectroscopic Techniques**
 - High-resolution spectroscopy •Mass spectrometry innovations •Electrochemical and chromatographic methods •Imaging and microscopy techniques •In-situ and operando analysis
- **Chemistry at the Interface of Biology and Medicine**
 - Medicinal chemistry and drug discovery •Bioconjugation and bio-orthogonal chemistry •Chemical biology and biomolecular interactions •Theranostic agents and personalized medicine •Bioanalytical techniques

➤ Sustainable Chemistry and Environmental Stewardship

- Green chemistry principles •Renewable energy materials
- Waste reduction and upcycling •Environmental monitoring and remediation •Life cycle assessment of chemicals

PUBLICATION

All the accepted papers will be published in conference proceedings with International Standard Book Number (ISBN). Selected quality papers after peer review will be published in the form of book chapters in Elsevier/ Springer Proceedings.

ABSTRACT SUBMISSION

Perspective authors are encouraged to present their original, unpublished research work, and the selected abstracts will be called for Oral presentations. Abstract up to 300 words in Times New Roman with font size 12pts, 1.5 line spacing may be submitted in .doc/.docx file with the author's name (presenting author name to be underlined), affiliation and corresponding author email ID.

Submit your abstract to : kluchemistry9@gmail.com

Awards: "Best paper award" for both oral and poster presentation shall be awarded to the authors of selected papers based on recommendations of peer review.

REGISTRATION DETAILS

Fee Structure

Foreign Delegates/ Scholars/ Students	100 USD
Indian Academicians & Researchers	1500 INR
Indian Scholars	1000 INR
Indian Students	500 INR
Industrial/ Institutional Participants	3000 INR

ACCOUNT DETAILS

Name of the Account	Registrar, KLEF
Account number	62275957293
Name of the Bank	State Bank of India
Branch Name	Vaddeswaram
IFSC code	SBIN0021361

IMPORTANT DATES

Registration Opening	20-11-2023
Last date for abstract submission	25-12-2023
Acceptance intimation	10-01-2024
Submission of full-length papers	15-01-2024
Conference dates	02-02-2024 & 03-02-2024

REGISTRATION LINK: <https://forms.gle/33NHF49NiMvzVnaE7>