



30th NATIONAL CONFERENCE ON LIQUID CRYSTALS (NCLC-2023)

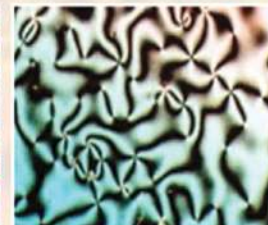
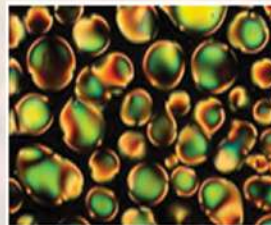
Organized by
Department of Physics
Andhra University, Visakhapatnam

NOVEMBER
02-04, 2023

In Association with
Indian Liquid Crystal Society

About the conference

The purpose and scope of 30th National Conference on Liquid Crystals (NCLC-2023) is to bring both senior and young researchers from reputed National and International higher learning institutions to create a platform to share their knowledge and experiences in various disciplines such as Liquid Crystals (LCs), soft matter, nanocomposites and biological systems. This conference would certainly play a pivotal role in shedding light on the recent trends in the area of Liquid Crystals and related advanced and innovative systems. It will also highlight the importance of new technological evolutions in the recent past, as well as, with reference to the contemporary needs of the society in the country.



Main Scientific Topics

- Soft matter Chemistry and Physics
- Design and Synthesis of LCs
- Thermotropic & Lyotropic LCs
- Theory and modeling of LCs
- Field effects and LC displays
- Liquid Crystal based Sensors
- Liquid Crystal Antennas
- Phase transitions and molecular dynamics of LCs
- Discotic, Bent-core, Dendrimeric Liquid Crystals
- Photonics and LCs
- Electro-optic Application of Liquid Crystals
- Liquid crystal nanocomposites
- Liquid Crystal polymers and Elastomers
- Supramolecular LCs
- Biological Liquid Crystals

National Advisory Board

- Prof. S.Chandrasekhar, Secretary, DST, New Delhi.
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- Prof. A.M. Biradar, CSIR-NPL, New Delhi
- Prof. B.T. Thaker, VNSG University, Surat
- Dr. S. Krishna Prasad, CeNS, Bangalore

Invited Speakers

- Prof. Kattera A. Suresh, RRI, Bangalore
- Prof. Ravindra Dhar, University of Allahabad
- Dr. D.S. Shankar Rao, CeNS, Bengaluru
- Prof. Rajiv Manohar, University of Lucknow
- Prof. Satyendra Kumar, University at Albany, SUNY, USA
- Dr. C. V. Yelamagadda, CeNS, Bangalore
- Prof. Shri Singh, Banaras Hindu University, Varanasi
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- Prof. M.Srinivasulu, Manipal University, Manipal
- Dr. Nattaporn Chattam, Kasetsart University, Thailand
- Prof. Raj. K.Gupta, BITS Pilani
- Prof. Pankaj Kumar, Chitkara University, Punjab
- Dr. A.S. Achal Kumar, IIT, Guwahati
- Prof. Malay Kumar Das, N.B. University, Darjeeling
- Dr. Pankaj Mishra, IIT(ISM), Dhanabad
- Dr. Ravi K Shukla, DIT University, Dehradun
- Prof. Gurumurthy Hegde, Christ University, Bangalore
- Dr. Bharath Kumar, Central University of Karnataka
- Dr. Gautam Singh, Amity University, Noida.
- Dr. M.B. Pandey, V.S.S.D. College, Kanpur

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- Prof. Malay K Das, NB University Siligun
- Prof. M Srinivasulu, Manipal University
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- Prof. Pankaj Kumar, Chitkara University, Punjab
- Dr. Gautam Singh, Amity University, Noida
- Prof. Gurumurthy Hegde, Christ University, Bangalore
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- Dr. Manoj Bhushan Pandey, VSSD College, Kanpur
- Prof. K. Basavaiah, Dean, R&D Organizing Secretary, NCLC-2023
- Prof. M Ramakrishna Nanchara Rao, Convener, NCLC-2023

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- Prof. S. Srinivasa Rao, Head, Department of Physics
- Dr. B.Ravikumar, Department of Physics
- Dr. P.V. Lakshmi Narayana, Head, Department of Nuclear Physics
- Prof. N. Ramakrishna, Department of Mathematics
- Prof. M. Ramakrishna Nanchara Rao, Chairman, NCLC-2023

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Co-convenors:

- Prof. S. Srinivasa Rao, Head, Department of Physics.
- Sri. D.B. Venkatadri, Chairman-PG-BOS, Department of Physics.
- Dr. B. Ravi Kumar, Department of Physics.
- Treasurer :** Dr. G. Manikya Rao, Department of Physics.
- Organising Secretary:** Prof. K. Basavaiah, Dean, R&D, Andhra University

IMPORTANT DATES

- Start of Abstract Submission : August 25, 2023
- Deadline for Abstract Submission : September 15, 2023.
- Notification of acceptance : September 30, 2023.
- Conference Date : November 2 - 4, 2023

| REGISTRATION FEE PAYMENT DETAILS | |
|----------------------------------|----------------------------------|
| Account Number | 41908748246 |
| Account Name | Convener, NCLC-2023 |
| Bank Name | State Bank of India, A.U. Campus |
| IFSC Code | SBIN0000772 |
| UPI ID | NCLC2023@SBI |



REGISTRATION FEE

| Participant | Before Oct. 5, 2023 | Before Oct. 30, 2023 |
|----------------------------|---------------------|----------------------|
| ILCS Member | 3,700/- | 4,000/- |
| Regular (Non ILCS) | 4,200/- | 4,500/- |
| Ph.D. Student (ILCS) | 2,000/- | 2,500/- |
| Ph.D. Student (Non ILCS) | 2,500/- | 3,000/- |
| P.G. Student | 1,500/- | 1,800/- |
| Industry Professionals | 6,000/- | 6,000/- |
| Attendees (No Welcome Kit) | 2,800/- | 2,800/- |

About the Venue

Andhra University is one of the oldest educational institutions in the east coast India, also the first to be conceived as a residential and teaching-cum-affiliating University, mainly devoted to post-graduate teaching and research. Andhra University was established in the year 1926. Sir C.R. Reddy as its founder Vice-Chancellor, Former President of India Dr. Sarvepalli Radhakrishnan was one of its Vice-Chancellors. Nobel Laureate Sir. C.V Raman was the proud alumnus of the University and closely associated in laying research foundations in Physics. Padmavibhushan Prof. C.R Rao, the renowned statistician of the world, was also the proud alumnus of the University.

Andhra University is accredited by NAAC with A grade of 3.65 CGPA. Andhra University is 12 km from International Airport, 3 km from APSRTC Bus station, 5 km from Railway station and 5 km from port.

SCENIC BEAUTY AROUND VISAKHAPATNAM



ADDRESS FOR CORRESPONDENCE

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- Dr. B. Ravikumar : 94407 71461
- Prof. S. Srinivas Rao : 98490 57189
- Prof. M. Ramakrishna Nanchara Rao : 79939 62915

Abstract may be submitted at the conference ID: nclc2023au@gmail.com

NCLC HELP DESK
Email: nclc2023au@gmail.com

For more details for template for abstract, registration form, fee submission & accommodation visit conference website
<https://sites.google.com/view/nclc-2023/home>

