32nd National Conference on Liquid Crystals (NCLC 2025)

20th – 22nd November 2025

BITS Pilani
Pilani Campus

In association with the Indian Liquid Crystal Society (ILCS)

Hosted by BITS Pilani, Pilani Campus, India

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- **Prof. Ashwin S. Patel** (Navyug College, Surat)

Invited Speakers

- **Prof. Aloka Sinha** (IIT Delhi)
- **Prof. A. S. Achalkumar** (IIT Guwahati)
- **Prof. Abhishek Srivastava** (HKUST, Hong Kong)
- **Prof. C.V. Yelamaggad** (CeNS, Bengaluru)
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- **Prof. Dharmendra P. Singh** (ULCO, France)
- **Prof. Ivan I. Smalyukh** (University of Colorado Boulder, USA) *[Online]*
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Scientific Themes

- Synthesis and characterization of novel Liquid Crystals (LCs)
- Mesomorphic behaviour and phase transitions in thermotropic and lyotropic LCs
- Unconventional chiral and polar LC mesophases
- Optical, electro-optical, and photonic properties of LCs
- Nanomaterials and hybrid systems based on LCs
- Biosensing, biomedical, and diagnostic applications using LCs
- Responsive and smart LC materials
- Applications in displays, photonics, and flexible electronics of LCs
- Polymer-dispersed and polymer-stabilized LC systems
- Soft matter and complex fluids
- Interfaces and confined geometries in LCs
- LCs in biointerfaces and soft robotics
- Theoretical modelling, simulations, and structure–property relationships in soft matter
- Interdisciplinary studies based on LCs

Exciting News!

Pre-conference Workshop

India Display Workshop

To be held: 19th November 2025

Sponsors list:

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National Conference on Liquid Crystal (NCLC 2025)

Important Dates & links

Extended Deadline for Abstract Submission:	**15th September 2025**
Notification of Acceptance# :	**20th September 2025**
Registration opens:	**1st September 2025**
Early-bird registration deadline:	**30th September 2025**
Last date for Conference Registration:	**15th October 2025**

Conference Website:

https://www.bits-pilani.ac.in/nclc-2025/

Abstract submission link:

https://forms.gle/jNLUq3qKvrRuq922A

For further details, please contact:

nclc2025@pilani.bits-pilani.ac.in

Abstract Submission link!

Scan for

UPI payment link!

#Please wait for the acceptance of the abstract before paying the registration fees.

Registration Fee

Participant	Early bird		Late Registration	
	ILCS Member	Non-ILCS Member	ILCS Member	Non-ILCS Member
Faculty	₹ 4000/-	₹ 4500/-	₹ 4500/-	₹ 5000/-
Postdocs	₹ 3000/-	₹ 3500/-	₹ 3500/-	₹ 4000/-
Ph.D. student	₹ 2500/-	₹ 3000/-	₹ 3000/-	₹ 3500/-
Accompanying person*	₹ 3000/-		₹ 3500/-	
Industry professionals	₹ 8000/-		₹ 10000/-	

***No welcome kit will be provided to the accompanying person/attendees.**

Payment Details

Beneficiary Name :	Birla Institute of Technology & Science, Pilani
Account Number :	**918010089946355**
Bank Name :	AXIS BANK LTD
IFSC Code :	UTIB0001188
MICR Code :	333211177
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About the Conference

The National Conference on Liquid Crystals (NCLC) is a flagship annual event organized by the Indian Liquid Crystal Society (ILCS). Beginning from 1991, the NCLC is being held every year continuously in different Institutes/Universities in India. It has become a forum for many eminent scientists from abroad and India working in the field of liquid crystals and soft matter. It is attended by large number of students, particularly from Universities in India. The aim of the conference is to bring together scientists, academicians, students, and industry professionals working in the field of liquid crystals, soft matter and related interdisciplinary areas. The conference promotes the exchange of scientific ideas, showcase recent advancements, and foster collaborations among researchers across India and beyond. NCLC features keynote lectures, invited talks, oral and poster presentations, and panel discussions that span both fundamental research and emerging technological applications. It provides a dynamic platform for young researchers to present their work, receive expert feedback, and connect with peers and mentors. Participants benefit from scientific exposure, networking opportunities, and recognition through awards, while the conference itself plays a key role in shaping the direction of research and innovation in this vibrant field.

About BITS Pilani

Birla Institute of Technology and Science (BITS), Pilani is one of India's most prestigious institutions of higher education, recognized for its academic excellence, cutting-edge research, and innovation. Established in 1964 by the visionary industrialist Shri G.D. Birla, BITS Pilani has grown into a world-class, multi-campus deemed university. It has been granted the prestigious Institute of Eminence (IoE) status by the Government of India, acknowledging its commitment to becoming a globally ranked research-focused institution. BITS Pilani offers a range of undergraduate, postgraduate, and doctoral programs, and is renowned for its flexible academic structure, strong industry linkages, and the pioneering Practice School program. In the QS World University Rankings 2026, BITS Pilani achieved a global rank of 668, further strengthening its position as one of leading technical institutions in India. With a legacy of producing distinguished alumni and fostering a vibrant research ecosystem, BITS Pilani continues to play a transformative role in science, technology, and nation-building.

About the Department

The Department of Physics at BITS Pilani, Pilani Campus is a center of academic rigor and research innovation, offering well-structured undergraduate, postgraduate, and doctoral programs. The department is actively involved in frontier research areas such as condensed matter physics, nanomaterials, photonics, liquid crystals, quantum physics, and astrophysics. It has received sustained support from national funding bodies through programs like DST-FIST and UGC-SAP, along with numerous individual research grants awarded to faculty members by premier agencies. With state-of-the-art laboratories and computational facilities, the department fosters a vibrant research environment that encourages interdisciplinary collaboration and innovation. Recognizing its academic and research excellence, the department was placed in the 401-450 global rank band in QS World University Rankings by Subject (Physics & Astronomy) in 2025. The department remains committed to nurturing the next generation of scientists and innovators through a blend of quality education, mentorship, and research-driven learning.