

University of Lucknow, Lucknow

Monday, Oct 26, 2009

Venue: - Malviya Hall,

08.00-09.00	Registration
09.00-10.15	Welcome/ Inauguration
10.15-10.45	Inaugural Tea

Venue: - Physics Department Auditorium

Session 1	Chair Person: S. L. Srivastava
Keynote Address	<i>K. A. Suresh</i>
10.45-11.30	Electrical Conductivity of Langmuir-Blodgett Films of Discotic Liquid Crystals by Current Sensing Atomic Force Microscopy
Invited Talk-1	<i>Shri Singh</i>
11.30-12.00	Phase Transitions in Liquid Crystals: Application of Thermodynamic Models
Oral Lecture-1	<i>Geeta G. Nair</i>
12.00-12.20	Soft Glass Rheology in Liquid Crystalline Gels Formed by a Monodisperse Dipeptide
Oral Lecture -2	<i>Malay Kr Das</i>
12.20-12.40	Visco-Elastic Properties of a Binary Mixture Showing Both Induced Smectic and Re-Entrant Nematic Phases
Oral Lecture -3	<i>N. Suryaprakash</i>
12.40-01.00	Methodological Developments for Spectral Simplification, Visualization of Enantiomers and the Measure of Enantiomeric Excess in the Chiral Liquid Crystalline Media. T-Shaped Unsymmetrical Azoester Based Mesogenic Dimers
01.00-02.00	Lunch
Session 2	Chair Person: Shri Singh

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Invited Talk-2	<i>Satyendra Kumar</i>
02.00-02.30	Strain and Temperature Dependence of Liquid Crystalline Order in Elastomers

Invited Talk-3	<i>N. Jayaraman</i>
02.30-03.00	Studies on the Mesogenic Properties of Carbohydrate Liquid Crystals

Invited Talk -4	<i>K. K. Raina</i>
03.00-03.30	Effect Of Interfacial Interactions And Temperature Gradient On Soft Liquid Crystalline Colloidal Systems

Oral Lecture -4	<i>Banani Das</i>
03.30-03.50	Elastic Constants and Rotational Viscosity of Two Multi Component Mixtures Comprising of Terphenyl and Bicyclohexane Compounds

03.50-06.00	<i>Tea & Poster Session 1</i>
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04.30-06.00	<i>General Body Meeting</i>
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06.30-08.00	<i>Cultural Programme (Kathak Sandhya)</i>
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08.00-10.00	<i>Conference Dinner</i>
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Tuesday, Oct 27, 2009

Session 3	Chair Person: J.P. Shukla
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Invited Talk-5	<i>Mohan Srinivasarao</i>
09.00-09.30	Study of Orientational Fluctuations in Nematic Liquid Crystals by High Speed Microscopy

Invited Talk-6	<i>K. V. Ramanathan</i>
09.30-10.00	Liquid Crystals – A Test-Bed For NMR

Oral Lecture -5	<i>D. Vijayaraghavan</i>
10.00-10.20	Physical Studies on Gold Nanoparticles -Liquid Crystal Composites: Evidence for Superlattices of Gold Nanoparticles

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Oral Lecture -6	<i>P. Viswanath</i>
10.20-10.40	Induced Untilted Condensed Phase in a Mixed Langmuir Monolayer of a Weakly Polar and Polar Mesogenic Molecules
10.40-11.00	<i>Tea</i>
Session 4	Chair Person: R. Dhar
Invited Talk-7	<i>Sandeep Kumar</i>
11.00-11.30	Novel Discotic-Calamitic Hybrids
Invited Talk-8	<i>V. Lakshminarayanan</i>
11.30-12.00	Electrical Conductivity Studies of Some Doped Triphenylene Systems
Oral Lecture -7	<i>D. S. Shankar Rao</i>
12.00-12.20	High Pressure Dielectric Studies on a Dual-Frequency Nematic Liquid Crystal Confined in an Aerosil Network
Oral Lecture -8	<i>S. K. Varshney</i>
12.20-12.40	First Example of a Twisted Discotic Liquid Crystalline Core
Oral Lecture -9	<i>Abhishek Kr Misra</i>
12.40-01.00	Dielectric and Electro-Optical Characterization of Dye Doped Ferroelectric Liquid Crystals
01.00-02.00	<i>Lunch</i>
Session 5	Chair Person: N.V.S. Rao
Invited Talk-9	<i>Jung Ok Park</i>
02.00-02.30	Chromonic Liquid Crystals and Their Dispersion in Polymers
Invited Talk-10	<i>S. Krishna Prasad</i>
02.30-03.00	Fast Responding Robust Nematic Liquid Crystalline Gels Formed by a Monodisperse Dipeptide: Electro-Optic and Rheological Studies
Invited Talk-11	<i>A. M. Biradar</i>
03.00-03.30	Memory Effect in Deformed Helix Ferroelectric Liquid Crystal

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Oral Lecture -10	<i>C.V. Yelamaggad</i>
03.30-03.50	Discotic Tris(N-Salicylideneaniline)S With Long and Supramolecular Arms: Synthesis and Characterization

Oral Lecture -11	<i>Surajit Dhara</i>
03.50-04.10	Bistable Device Using Anchoring Transition of Nematic Liquid Crystals on Perfluoropolymer Surface

04.10-04.30	<i>Tea</i>
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04.30-06.30	<i>Poster Session 2</i>
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07.00-09.00	<i>Dinner</i>
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Wednesday, Oct 28, 2009

Session 6	Chair Person: S. Krishna Prasad
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Invited Talk-12	<i>Agnes Buka</i>
09.00-09.30	Transition From Longitudinal To Transversal Patterns In An Anisotropic System

Invited Talk-13	<i>R. Dhar</i>
09.30-10.00	Change in the Physical Properties of the Liquid Crystals Due to Gamma, Electron and Ion Beam Irradiations

Oral Lecture -12	<i>Pramod Tadapatri</i>
10.00-10.20	Electric Field Effects in a Bent-Core Nematic Liquid Crystal: Patterned Electro Convective States

Oral Lecture -13	<i>Hari Krishna Bisoyi</i>
10.20-10.40	Molecular Engineering of Room Temperature Electron Deficient Discotic Liquid Crystals

10.40-11.00	<i>Tea</i>
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Session 7	Chair Person: K. K. Raina
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Invited Talk-14	<i>N. V. S. Rao</i>
11.00-11.30	Influence of Chemical Structure on Functional Properties and Mesomorphism
Oral Lecture -14	<i>M. C. Varia</i>
11.30-11.50	T-Shaped Unsymmetrical Azoester Based Mesogenic Dimers
Oral Lecture -15	<i>S. Sridevi</i>
11.50-12.10	Electric-Field Dictated Phase Diagram and Accelerated Dynamics of a Reentrant Nematic Liquid Crystal Under Photo-Stimulation
Oral Lecture -16	<i>Rajdeep Deb</i>
12.10-12.30	Confocal Microscopy of Defect Structures in Bent-Core Liquid Crystals
Oral Lecture -17	<i>Ajay Kumar</i>
12.30-12.50	Nanoparticles Induced Alignment In Ferroelectric Liquid Crystals
Oral Lecture -18	<i>M. Rajeswari</i>
12.50-01.10	NMRD Studies of Singly Fluorinated Isothiocynato-Tolanes
01.10-02.00	<i>Lunch</i>
02.00-03.00	<i>Valedictory Function</i>
03.00-07.00	<i>Tea and Local Tour</i>
07.00-09.00	<i>Dinner</i>

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