



National Conference on Luminescence and its Applications [NCLA-2020] 10th –12th February, 2020

Organized by
Department of Physics, National Institute of Technology, Warangal
and
Luminescence Society of India [Regd. No.Guj/1156 Baroda, Estd: 1990]

Department of Physics

The Department of Physics is involved in teaching UG and PG students of Engineering and Science Programs. The department has highly qualified, motivated and experienced faculty. The department offers a three year M.Sc. (Tech.) Engineering Physics program with specializations in Photonics, Electronics and Instrumentation. The department is actively engaged in research and having a number of sponsored R&D projects. The areas of research include Luminescent materials, Nanomaterials, Glasses and Glass ceramics, Biomaterials, Ferroelectrics, Magnetic materials, Polymer degradation studies, Photonics, Electronics, Biomedical Instrumentation and Radiation physics. The department has liaison with reputed industries and R&D organizations like BEL, CSIR, DRDO, DST, ELOIRA, RCI, ARCI etc.

National Institute of Technology Warangal

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering 8 undergraduate and 31 post-graduate besides doctoral programs. About 5000 students across the country and about 500 international students study on the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure in the form of state of the art library, seminar halls, guest houses and laboratories.

Luminescence Society of India

Luminescence Society of India (LSI), formed in 1990, provides a forum for interaction for Indian scientists and technologists having affiliation to different universities and research institutions in the field of luminescence and their applications by organizing annual conferences regularly. Four international conferences were successfully organized wherein Indian researchers were joined by a large number of foreign scientists. During the past twenty five years, in addition to scientific sessions, there has been an increase in the participation of delegates from industry as exhibitors of their products and for technical presentations. Moreover rapporteur and oral sessions are being held regularly for the past 20 years in order to accommodate the papers of all participants in the technical sessions.

The Conference

National Conference on Luminescence and its Applications (NCLA-2020) is a prestigious event of the Luminescence Society of India (LSI). NCLA-2020 is going to be held during 10th-12th February, 2020 at Warangal being organized by National Institute of Technology Warangal (NITW) in association with Luminescence Society of India (LSI). Luminescence Society of India had organized an International Symposium cum Workshop on Luminescence Materials (ISWLM-2015) during 18th-19th December, 2015 at Baroda, India as a celebration in the YEAR OF LIGHT-2015. Since the inception of LSI, this conference is the 27th in a series of annual conferences organized by LSI. The conference is the follow-up of previous one ICLA-2019 (Pt. RSS University, Raipur), NCLA-2018, (NIIST, Trivandrum), NCLA-2017, (IICT, Hyderabad) NCLA-2016, (R.T.M. Nagpur University, Nagpur),

ICLA-2015 (PESIT, Bengaluru), NCLA-2014 (Jabalpur), NCLA-2013 (PESIT, Bengaluru), NCLA-2012 (IICT, Hyderabad), NCLA-2011 (Pt. RSS University, Raipur), NCLA-2010 (GRU, Gandhigram), NCLA-2009 (CGCRI, Kolkata), ICLA-2008 (NPL, New Delhi), NCLA-2007 (BU, Coimbatore), NCLA-2006 (SGB University, Amravati), NCLA-2005 (BU, Bengaluru), ICLA-2004 (BARC, Mumbai), NCLA-2003 (NPL, New Delhi), RDU, NCLA-2002 (Jabalpur), NCLA-2001 (OU, Hyderabad), ICLA-2000 (MSU, Baroda), NCLA-1998 (MU, Imphal), NCLA-1997 (Bilaspur), NCLA-1995 (RU, Raipur), NCLA-1992 (MSU, Baroda).

Themes of NCLA-2020

NCLA 2020 envisages diversified and multi-disciplinary technical sessions; amongst few are plenary lectures and an exhibition of equipment and other materials. Latest developments in the field of luminescence research and its applications will be reviewed and the conference is expected to provide an interactive platform to the academia, researchers and the industry. Participations from different industries, universities and academic institutions from all over the country are anticipated.

The organizing committee hereby invites scientists/technologists engaged in basic as well as applied research in Universities, Research Institutions and Industries to participate. The scientific sessions will comprise plenary talks, invited talks and contributed papers (both oral and poster) on the following topics:

1. Photoluminescence
2. Electroluminescence
3. Thermoluminescence
4. Phosphors and nanophosphors (preparation and characterization)
5. Photonic materials and lasers
6. Luminescence from glasses and glass ceramics
7. Luminescence from organic compounds
8. Luminescence in gemstones and diamonds
9. Luminescence for improving agriculture productivity
10. Optical materials (nanomaterials, quantum dots, biomaterials, ceramics etc.)
11. Optically Stimulated Luminescence (OSL)
12. Mechano, sono and chemiluminescence
13. Optoelectronic devices (LEDs, OLEDs, Fiber optic sensors, etc.)
14. Radiations effects on luminescence and dosimetry
15. Luminescence dating
16. Space dosimetry
17. Luminescence instrumentation
18. Phosphors for LED applications
19. Phosphors for improving efficiency of solar cells
20. Phosphors for bio-medical and security applications
21. Biodegradable phosphor composites
22. Novel applications of luminescence
23. Industrial applications of phosphors
24. Theoretical aspects of luminescence

Conference language

The conference presentations and deliberations will be in English.

Call for abstracts

Authors should submit an abstract of an original, unpublished paper not exceeding 300 words without figures or tables. The abstract format can be downloaded from the conference or LSI web sites i.e. <https://ncla2020nitw.wixsite.com/lmdgroup> or www.lumsocindia.org. The abstract must be submitted by online through conference web site. Each registered participant can submit two abstracts only. If there is any difficulty during the abstract submission please contact via e-mail: ncla2020nitw@gmail.com

Proceedings

All the abstracts accepted from registered participants will be published in the conference proceeding with ISBN number. Papers presented at NCLA-2020 are planned to be published in the International

Journal of Luminescence and its Applications after regular refereeing process. The journal format for manuscripts can be downloaded from the conference/LSI/journal web sites i.e. <https://ncla2020nitw.wixsite.com/lmdgroup>, www.lumsocindia.org and <http://ijlindia.org/>.

Registration

Conference registration and submission of abstract can be made online through the official websites <https://ncla2020nitw.wixsite.com/lmdgroup>, and www.lumsocindia.org.

Registration fee to	:	Luminescence Society of India
By Bank Transfer	:	Bank of Baroda, AC No.05780100004045
Swift Code	:	BARB0DANDIA (0= ZERO)

With intimation e-mail to Convener, NCLA-2020: e-mail: ncla2020nitw@gmail.com

For sponsoring and advertisements and other to

By Bank Transfer	:	State Bank of India, REC Warangal (NIT campus)
Account No.	:	38882389828
IFSC Code	:	SBIN0020149

Indian Delegates should register on or before 31st December, 2019

Registration Fee

LSI Life Members

Till 15 th December, 2019	:	Rs. 3,000/-
After 15 th December, 2019	:	Rs. 3,500/-

Students

Till 15 th December, 2019	:	Rs. 2,500/-
After 15 th December, 2019	:	Rs. 3,000/-

All student participants are requested to book accommodation and pay the charges.

NCLA-2020 Organizers and Luminescence Society of India are trying to give more comfort to the participants who register before 31-12-2019.

Industry Delegates

Till 15 th December 2019	:	Rs. 5,000/-
After 15 th December 2019	:	Rs. 6,000/-
Accompanying Person*	:	Rs. 1500/-

Overseas Delegates

Regular Delegates	:	\$ 300
Students#	:	\$ 200
Accompanying person*	:	\$ 100

Delegate registration fee will cover Conference Literature (kit), Working Lunch, Dinner, Tea & Snacks.

#Students should send their registration form through their guide.

*Accompanying person's registration fee will cover working lunch, dinner, tea & snacks.

About Warangal

Warangal is the second largest city of the new state of Telangana. It is situated at a distance of 140 km from the state capital Hyderabad (Nearest Airport). It is well connected by Rail (Kazipet Junction is two km away and Warangal Station is 12 km away) and by Road (NH 202). Warangal is renowned for its rich historical and cultural heritage. It was the seat of erstwhile Kakatiya dynasty. It is a seat of tourist attractions with a number of historical monuments like Thousand Pillars Temple, Warangal Fort, Bhadrakali Temple, Ramappa Temple and Laknavaram Lake located in a radius of 30 km.

Accommodation

- Accommodation will be arranged for student out-station participants on first come first serve basis in nearby guest houses/hostels and hotels. Participants are required to inform the Organizing Secretaries well in advance.

- Accommodation charges should be sent in favour of “NCLA-2020”, payable at Warangal. Bank account details given below.
By Bank Transfer : State Bank of India, REC Warangal (NIT campus)
Account No. : 38882389828
IFSC Code : SBIN0020149

For accommodation contact:

Mr. Vishnu V. Jaiswal (Mobile No. 8920119790)
Mr. Siju Mishra (Mobile No. 8918355858)
Mr. P. Srinath (Mobile No. 9948462248)
Mr. Akshaykranth (Mobile No. 9948258048)

Note: All requests for *accommodation* should be submitted via e-mail: ncla2020nitw@gmail.com
For more details please go through the conference web site as given below:
<https://ncla2020nitw.wixsite.com/lmdgroup>

Prizes for posters

Nucleonix Systems Pvt. Ltd, Hyderabad is sponsoring the prizes for the best posters.

Souvenir

A souvenir is planned to be released during the inaugural function of the conference. It includes program schedule, keynote address, plenary lectures and advertisement from companies/ organizations on high quality A4 size maplitho paper. Advertisements are solicited from companies/ organizations as per the tariff given below.

Outside back cover (multicolor)	:	Rs. 25,000/-
Inside front/inside back cover (multicolor)	:	Rs. 20,000/-
Inside full page (Black & white)	:	Rs. 10,000/-

Important dates

Abstract submission opens	:	1 st November, 2019
Registration opens	:	1 st November, 2019
Early registration ends	:	31 st December, 2019
Abstract submission ends	:	31 st December, 2019
Acceptance of Abstracts	:	5 th January, 2020
Manuscripts submission	:	10 th January, 2020
Accommodation request ends	:	15 th January, 2020

Exhibition

It is planned to have a commercial exhibition of different types of luminescent materials and equipments including PC based analytical and nuclear equipments from both industries and laboratories for display of products. The stall (dimension: 3m x 2m) charges are Rs. 25,000. For the details please contact the Convener, NCLA 2020.

Tentative Funding Agencies

MHRD, DST, AERB, BRNS-DAE, CSIR, DRDO, INSA, ICMR, MNRE, DIT, DBT
M/s Nucleonix Systems Pvt. Ltd, Hyderabad.

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NATIONAL CONFERENCE ON LUMINESCENCE AND ITS APPLICATIONS

(NCLA-2020), 10-12th February, 2020

Organizers:
Department of Physics, National Institute of Technology
Warangal 506004, Telangana State, India
&
Luminescence Society of India (LSI)

REGISTRATION FORM: NCLA-2020

Full Name:Designation.....

Affiliation:

Nationality:.....

Present Address:.....

Title of the Paper/Talk:.....

.....

Preference of the Paper (Oral/Poster):.....

Contact No.: (O)(R).....

E-mail:

Accommodation required (Yes/No):.....

Date:

.....
Signature

The Registration form and Abstract should be sent by email to ncla2020nitw@gmail.com

For further contact:

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