

Invited Speakers

Prof. DIVI HARINATH

Dept. of Physics, National Institute of Technology,
Warangal, Telengana

Prof. S.A. SHIVASHANKAR

Centre for Nanoscience and Engineering,
IISc, Bengaluru.

Prof. PRAVEEN C. RAMAMURTYHY

Dept. Of Materials Engineering
IISc, Bengaluru

Prof. N. NAGAI AH

Chairman, Dept. of Physics, Bangalore University

Advisory Committee

Prof. Puttaswamy

Chairman, Dept. of Chemistry, Bangalore University.

Prof. N. Nagaiah

Chairman, Dept. of Physics, Bangalore University.

Prof. Prakash. C. Patil,

Principal KLES's Nagarbhavi College, Bengaluru.

Dr. Mahananda. B. Chittawadagi

IQAC Co-ordinator, KLES's S. N. College.

Prof. Raju. B. Katti,

Dept. of Physics, KLES's S. N. College.

Dr. Chikkahanumantharayappa

Principal, Vivekananda College, Bengaluru.

Important Dates

1 Last Date for Abstraction Submission	29/09/2018
2 Notification of Acceptance	01/10/2018
3 Confernce Date	05/10/2018

Registration : 8.30 AM | Inauguration : 9.30 AM

Chief Patrons

Shri Mahantesh M. Kavatagimath, MLC
Member, Board of Director, KLE Society, Belagavi

Shri Shankaranna I. Munavalli
Member, Board of Director, KLE Society, Belagavi

President

Dr. Sadananda S. Halageri
Principal, KLES's S. Nijalingappa College

Organising Committee

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HOD of Chemistry

Organising Secretary

Prof. K. Nagi Reddy
HOD of Physics

Members of Organising Committee:

Prof. R.A. Yadahalli

Prof. M.R. Chaya

Prof. Saroja R. Savadatti

Prof. Manju Bhaskar

Dr. S. Kantharaj

And all staff members of

Dept. of Physics and Chemistry

For Accommodation Contact;

Prof. R. A. Yadahalli - 9480430756

For Registration details contact:

Prof. Saroja R. Savadatti - 9845961130

Note: • Participants can claim OOD to attend the Conference.
• No TA/DA Will be given to the Participants.



K.L.E Society's

S.NIJALINGAPPA COLLEGE

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One Day National conference

On

**“Emerging Trends in Materials Science”
(ETMS-2018)**

Friday, 5th October 2018

Organised by

DEPARTMENT OF PHYSICS & CHEMISTRY



Rajajinagar, 2nd Block, Bengaluru - 10, Karnataka, India.

Ph: 080-23429966, 23526055

Website: www.klesnc.org

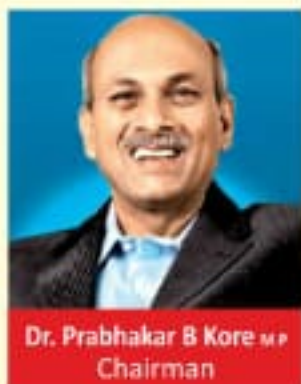
E-mail: etms@klesnc.org

etmsklesnc@gmail.com

www.klesnc.org

About the Society

K.L.E. Society is one of the largest Educational Organisations in South Asia, which was established in 1916 by seven dedicated and selfless teachers who are referred to as "Saptharishis". It has been transformed into a veritable movement in providing quality education over the past 100 years. The legacy of Society and its core values are being lead by our Chairman Dr. Prabhakar B Kore, M.P. since 1983. The K.L.E. family now encompasses over 16,000 staff serving in 256 Institutions catering to the needs of more than 1.25 lakh students. The Society has one of the rarest distinctions of being conferred with two Deemed Universities status - one in Medical Education and the other in Technical Education. In 2016, the Society celebrated its Centenary, Honorable Prime Minister Shri Narendra Modi graced the occasion. He acknowledged the sacrifice and yeoman service of "Saptharishis" and the Management.



About the College

S. Nijalingappa College celebrated its Golden jubilee in the year 2013. It is one of the premier higher educational institutions managed by the K.L.E. Society. Since its inception in 1963, the college has carved a niche for its quality education. The College is re-accredited at A⁺ Level by NAAC (3rd Cycle) with CGPA of 3.53 on 4.0 scale and also recognized as "College with Potential for Excellence" – II Phase by UGC. The college sprawls over 4.92 acres in the heart of the city with the State-of-the-Art infrastructure. It offers a wide variety of programmes at under graduate and post graduate levels with a judicious focus on traditional and professional domains.

About the Conference

Material science is an interdisciplinary field of research that involves the physics and chemistry of solid materials including theoretical and computational study. Chemists and physicists play an important role in discovering new material based on simple intuition arising from the knowledge of the structure and bonding and by adopting ingenious systematic strategies. Measurement of various physical properties and their understanding will lead to exciting development in the field of Nanomaterials, magnetic materials, piezoelectric materials, ceramics, glasses, polymers, thin films and semiconductor materials. Recently, the availability of excellent structural characterization facilities has advanced our understanding of structure-property relationship and thus enabled us to design the materials of interest. We assure that this conference will provide a platform to academicians, teachers and young researchers and students to interact with distinguished scientists in the field and to know the latest in the field of Materials science. It also aims at interest in the minds of young students to pursue research as their career. It is anticipated to widen the scope of research and foster interdisciplinary research among teachers.

Call for Papers

Papers on research and recent developments are invited from the faculty, research scholars, students and industrial representatives for oral and poster presentations on the following topics.

- **Nano-materials**
- **Soft Matter**
- **Glasses and amorphous systems**
- **Polymer Chemistry**
- **Surfaces, interfaces and thin films**

- **Single crystals**
- **Magnetism and Spintronics**
- **Multiferroics**
- **Novel materials**
- **Radiation effect of materials**
- **Non linear materials**
- **Sensors**
- **Bio Materials**
- **Other Topics Relevant to Materials Science**

Guidelines for Paper Submission

The abstract should be 250 words with 12pt font size (Times New Roman) and 1.5 line spacing may be sent to etmsklesnc@gmail.com and papers will be selected for oral/poster presentation on the recommendations of expert committee. Participants are requested to submit their abstracts within the specified time limit. Only one paper per registered participant will be accepted. However, one may be a co-author of more than one paper.

Poster Size: A2

Registration fee

Students/Research Scholars	: Rs 100/-
Teaching faculty	: RS 300/-
Industry Representatives	: Rs 500/-

Payments should be made through DD drawn in favour of Principal, KLE S. Nijalingappa college, Bengaluru or NEFT/ Cash Payment on the day of Conference.

NEFT details:

Name : PRINCIPAL, KLES S Nijalingappa College
A/C NO.: 8418201002856
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