CONFERENCE COMMITTEES
ORGANIZING COMMITTEE

Patron:
Er.K.N.K.Karthik  
President, KLNCE

Dr.K.N.K.Ganesh
Secretary & Correspondent  
KLNCE

Convenors:
Dr.A.V.Ramprasad
Principal, KLNCE

Dr.T.P.Srinivasan
HOD/Physics, KLNCE

MEMBERS
Mr.N.V.Karthikeyan, ASP

Mr.N.R.Ramanujam, ASP

Dr.R.Geetha, ASP

Ms.M.Revathi, ASP

Ms.M.S.Revathy, AP

Ms.M.Hemalatha, AP

Ms.M.Manjuladevi, AP

INVITED SPEAKERS
Prof. K.Sivakumar
Dean, Regional Office, Madurai,  
Anna University, Chennai,

Prof.V.Ramakrishnan
Director, IISER, Trivandrum

Prof.S.Rajendran
Prof & HOD, Dept. of Physics, Alagappa University,  
Karaikudi

Prof.P.K.Palanisamy
Emeritus Professor (UGC),  
Dept. of Medical Physics, Anna University,  
Chennai.

Prof.K.Navaneethakrishnan
Former Chairperson, School of Physics, MKU, Madurai

Dr.K.Sethuraman
Assistant Professor, School of Physics, MKU, Madurai

Dr.M.V.T.Dhananjayan
Senior Scientist, Battery division, CECRI, Karaikudi

Dr.N.Vijayan
Senior Scientist, NPL, New Delhi

Dr.R.Bairava Ganesh
Assistant Professor/EEE, SASTRA University, Tanjore

Dr.T.P.Srinivasan
Professor/Physics, KLNCE

NATIONAL SEMINAR ON
RECENT TRENDS IN NOVEL MATERIALS FOR TECHNICAL APPLICATIONS
(RTNTA 2014)

18th & 19th September 2014  
(Thursday & Friday)

Organized by
DEPARTMENT OF PHYSICS
K.L.N. COLLEGE OF ENGINEERING
POTTAPALAYAM – 630 611
SIVAGANGAI DISTRICT
TAMIL NADU
INDIA

www.klnce.edu

ACCOMMODATION
Accommodation will be arranged in the college hostel/hotels on payment basis. The tariff will be communicated on request. No TA/DA will be provided. Limited requests of TA for outside paper presenters will be considered, subject to availability of funds.

ADDRESS FOR COMMUNICATION:
The Convenor,
RTNTA 2014,
K.L.N. COLLEGE OF ENGINEERING
(11 KM from Madurai City)
POTTAPALAYAM – 630 611
SIVAGANGAI DISTRICT

Phone: (0452) 2090971, 72, 6562171, 72
Fax : (0452) 20900070
Mobile: +9194442 95187
E-mail: rtnta2014@gmail.com
Railway Station: Madurai Junction
Bus Route: 47 series from Periyar Bus stand to College.
ABOUT THE COLLEGE

K.L.N. College of Engineering is a premier institution near Madurai in Tamilnadu, India approved by AICTE, New Delhi and affiliated to Anna University, Chennai. It is an ISO 9001:2008 certified institution. It is a linguistic minority self-financing co-educational engineering college started in the year 1994 by enthusiastic educationalist and industrialist (Amaran) Thiru. K.L.N Krishnan from sourashtra Community and sponsored by K.L.N. Sourashtra College of Engineering Council, Madurai. It is situated in Madurai – Nedungalum Road (11 Km from Madurai City) with a span of 53.8 Acres. This institution is at present offering 7 UG and 7 PG courses and more than 3000 students are studying in Engineering, Technology, Master of Computer Applications and Management studies Programmes. B.E (Mech.Engg.), B.E (EEE), B.E (CSE), B.Tech( IT) and MCA are accredited by National Board of Accreditation (NBA, New Delhi). Mechanical Engg., ECE, EEE, MCA and MBA departments are approved as Research Centers by Anna University, Chennai.

ABOUT THE DEPARTMENT

The department has a spacious Laboratory in an area of about 2350 Sq ft. The laboratory can at a time accommodate 60 students for doing the experiments. There is a separate dark room for performing optical experiments. The Laboratory is fully equipped for the A.U. syllabus. In addition to the equipments required for Laboratory work, other equipments like Audio frequency generators, C.R.O, Constant Temperature bath unit, Hot Air oven, Laser unit, LCR bridge, conductivity bridge, Polarimeter, Hysteresis apparatus with electromagnet, Ultrasonic Interferometer, Forbidden Energy Gap Kit, Optical Fibre Kit, Magnetic stirrers etc., are available in the department. This department caters at present to the teaching needs of the undergraduate engineering students. The faculty members are carrying out research on crystal growth, material characterization, nanosystems, CNT, thin films and photonic crystals.

OBJECTIVES OF SEMINAR

The two day seminar, being arranged in our department is to gather scientists, Research Scholars and Post graduate students under one roof to share their research activities among themselves and to introduce the emerging fields of technology to the budding researchers in our country with emphasis on technological applications. Resource persons are invited from Universities and renowned laboratories like IISER, NPL, CECRI and so on. All aspects relating to novel materials like Nanomaterials, Thin film, Optical materials etc for Solar cell, Supercapacitor, battery, energy storage applications and novel spectroscopic techniques will be covered during this period. This seminar would provide great exposure to the young researchers from various parts of our country. We hope, it would create healthy competition between the budding researchers and helpful to them for exchanging ideas with experts and to know the lab facilities available within our Country.

CALL FOR PAPERS

Post graduate science students, teachers and researchers may present the papers along with the abstracts (300 words) in any one of the following topics. Papers shall be submitted by electronic submission as word document to rtnta2014@gmail.com or by sending CD to The Convenor on or before 1st August 2014.

TOPICS OF INTEREST

- Nanomaterials
- NLO materials
- Semiconducting materials for solar cell Applications
- Photonic Crystals
- Carbon Nanotubes
- Batteries and energy storage devices

REGISTRATION FEE

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>Research Scholars &amp; PG students</td>
<td>Rs. 150/-</td>
</tr>
<tr>
<td>Academicians</td>
<td>Rs. 200/-</td>
</tr>
</tbody>
</table>

DD should be drawn in favour of “The Principal, K.L.N. College of Engineering” payable at Madurai.

DATES TO REMEMBER

Registration & Submission of Abstract : 1st August 2014.
Last date for registration of Participants : 11th August 2014.
Seminar : 18th & 19th September 2014.

REGISTRATION FORM

Name :
Category(✓) ☐ Research Scholar ☐ PG Student ☐ Academician
Designation :
Department :
Institution :
Address for Communication :
Mobile :
E-mail :
Registration : Participation/Paper presentation.
Accommodation Requisition : Yes / No
Payment Details
DD. No. :
Date of issue :
Bank/Branch :
Place :
Date :
Signature of the Applicant
Signature of the Head of the Department / Principal