

JULY 2011

Chairman
Dr. K. Gopalakrishnan, FIE

Editor & Honorary Secretary
Er. G. Sreekanth, FIE

Seminar on “National Lighting Code”



The **NATIONAL LIGHTING CODE** published by the Bureau of Indian Standards has been formulated for the purpose of setting out in a convenient form the requirements for responsible social, commercial and engineering conduct for the designers, manufacturers and suppliers of lighting. Lighting technology plays a significant role in achieving basic social safety and environmental objectives.

The intent of this code is to encourage good lighting practices and systems which would minimize light pollution, glare, light trespass and conserve energy while maintaining safety, security, utility and productivity.

The Karnataka State Centre in association with National Design and Research Forum, Bureau of Indian Standards and Indian Society of Lighting Engineers, Karnataka State Centre organized a one-day Seminar on “**NATIONAL LIGHTING CODE**” on **30 June 2011**.

Dr. L. V. Muralikrishna Reddy, Director, NDRF welcomed the guests and invitees. **Padma Shri Dr. H.C. Visvesvaraya**, Past President, IEI and Past Chairman, BOG, NDRF inaugurated the Seminar and **Dr. A.D. Kulakarni**, President, Indian Society of Lighting Engineers and **Padma Shri Prof. R.M. Vasagam**, Former Vice Chancellor, Anna University & Chairman, BOG, NDRF graced the occasion as Guests of Honour. **Sri Himamshu Prasad**, President & CEO, GE India Industrial Pvt Ltd delivered the Key-note Address. **Sri R.K. Trehan** of BIS and **Sri M.S.N. Swamy** of ISLE also participated in the programme.

The Seminar was organised in five Technical Sessions and over 150 delegates representing organizations from all over the country participated.

Highlights

**Interaction with Director
General, CPWD
Alumni Meet
Information from
Local Centres
24th National Convention
of Textile Engineers**

Page 2

**42nd All India Student
Design Competition
State-of-the-Art
Lectures
44th Engineers' Day
Celebration**

Page 3

**26th Indian Engineering
Congress**

Page 4

LOCAL CENTRE NEWS REVIEW

Advisors

Dr. K. Gopalakrishnan, FIE
Chairman
Dr. L.V. Muralikrishna Reddy, FIE
Immediate Past Chairman & Council Member IEI
Dr. Wooday P. Krishna, FIE
Council Member, IEI

Editor : Er. G. Sreekanth, FIE

Editorial Committee

Er. S. Balaveerasena, FIE, Hon. Jt. Secretary
Er. Conjeeveram E. Basker, MIE, , Hon. Jt. Secretary
Dr. S.B. Gangigatti, FIE, Imme. Past Hon. Secretary
Dr. A.S. Kodandapani, FIE, Committee Member

IEI

Interaction with Er. C.S. Prasad, Director General, Central Public Works Dept.



Er. C.S. Prasad, Director General, Central Public Works Department, New Delhi visited the Centre on 26.6.2011 alongwith Er. O.P. Goel, Past President, IEI, Er. P.R. Seshadhi, Council Member, IEI and Sri C.K. Verma, Chief Engineer, CPWD, Bangalore and held discussions with Council Members of IEI located at Bangalore on issues related to 26th Indian Engineering Congress.

Er. D.V. Nagabhushan, Dr. Woodday P. Krishna, Dr. L.V. Muralikrishna Reddy, Padma Shri Prof. R.M. Vasagam, Council Members from IEI, Karnataka participated in the discussions.

Other Programmes organised during July 2011

- ◆ Talk on “How to make an Effective Career Growth in Industry” on 30.6.2011 and 9.7.2011 in association with Indian Institution of Electrical & Electronics Engineers. Sri Sanjay Bhan, HR Director, T I India and Sri Ravikiran delivered lectures on the above subject.
- ◆ Panel Discussion on “Climate Change Reconsidered” on 17.6.2011 in association with Karnataka Environment Research Foundation. Many specialists in the field participated in the discussion and a Kannada version of Executive Summary of the Book on “Climate Change Reconsidered” was also released on the occasion.

Alumni Meet

During Twenty-sixth Indian Engineering Congress, an exclusive session for Alumni of IEI has been scheduled. This Alumni Meet comprises of Inauguration of IEI Alumni Association, Honouring of eminent AMIE iens, bringing out a special publication “Reflections” and an Open House for all members of IEI.

Karnataka State Centre intends to maintain a database of members who have passed AMIE examination for creating a forum of IEI Alumni. Particulars such as Name, Address, Phone Numbers, E-mail ID and the present position may please be sent to the Organising Secretary of 26th IEC at The Institution of Engineers (India), Karnataka State Centre.

Information from Local Centres

Belgaum Local Centre

World Environment Day on 8.6.2011. Sri Madhav Prabhuji was the Guest of Honour.

Davangere Local Centre

World Environment Day on 18.6.2011. Sri G.N. Siddabasappa, Environmental Engineer, delivered the theme speech.

Dharwad Local Centre

- One-day Workshop on “Micro Irrigation Systems” was held on 11.6.2011 in association with Karnataka Agricultural Engineers' Association. Dr. M.B. Chetti, Dean, Agriculture College, Dharwad graced the occasion as Chief Guest.

Mangalore Local Centre

Talk on “Fulbright Program Opportunities” on 24.6.2011 by Sri S. Vasudevan, Senior Fulbright Manager, USIEF, US Consulate.

Mysore Local Centre

- Workshop in Kannada on “Nagaramukhiyaaguttiruva Yuva Janate” on 19.6.2011.
- Talk on “A Cubic Mile of Oil” by Er. Y.B. Ramakrishna, President & CEO, C-Cube Electronics on 21.6.2011.
- Talk on “Smart Grid – Concepts, Application and Implementation” by Er. A. Manohar, Principal Consultant & Head, Amitech Automation on 5.7.2011.
- Talk on “Transportation Planning in Florida, USA : What we can learn from them” by Sri M.N. Vidyadhar, Manager, Bureau of Planning, Florida Department of Transportation, USA on 14.7.2011.

National Convention of Textile Engineers

The Karnataka State Centre is hosting the Twenty-fourth National Convention of Textile Engineers on “**Textile & Apparel Industry : Contemporary Issues to address in coming Years**” on **19-20 August 2011** under the aegis of Textile Engineering Division Board of the Institution of Engineers (India) and in association with Govt. SJSJTI Alumni Association.

The Registration Fee for participation in the Convention is :

Particulars	Registration Fee
Members of IEI & SJSJTI Alumni Assn.	Rs. 1000/-
Non-Members & Sponsored delegates	Rs. 1500/-
Students	Rs. 500/-

More particulars regarding the Convention can be had from : The Organising Secretary, 24th NCTXE, The Institution of Engineers (India), Karnataka State Centre, No. 3, Dr. B.R. Ambedkar Veedhi, Bangalore 560 001 ; Ph : 22264698 ; Telefax : 22256191 ; e-mail : ieiksc@dataone.in ; ieiksc.ksc@gmail.com.



42nd All India Student Design Competition - 2011

The National Design and Research Forum (NDRF) of The Institution of Engineers (India) (IEI) is happy to announce **42nd All India Student Design Competition - 2011**. The competition is open to students studying in final/pre-final year leading to BE / B.Tech / ME / MTech / MS or equivalent courses in engineering or have passed section 'A' Examinations of the IEI.

Entries are invited in the following disciplines from the student community. The Last date for receiving entries is **31 Aug 2011**.

Aerospace Engineering	Agricultural Engineering
Architectural Engineering	Chemical Engineering
Civil Engineering	Computer Engineering
Electronics & Tele. Engineering	Electrical Engineering
Environmental Engineering	Marine Engineering
Mechanical Engineering	Met. and Materials Engg.
Mining Engineering	Textile Engineering
Production Engineering	

For more information, contact National Design and Research Forum, The Institution of Engineers (India), # 3, Dr. B. R. Ambedkar Veedhi, Bangalore – 560 001. Ph: 080–22264336; 080-22352193 (Fax); E-mail: ndrf@vsnl.net or visit NDRF website at www.ndrfindia.org

44th Engineers' Day Celebration 2011

September 15 is celebrated every year in the country as "**Engineers' Day**" to commemorate the birthday of the legendary engineer **Bharat Ratna Sir Mokshagundam Visvesvaraya**. A theme of national importance is chosen every year by the National Council of the Institution and deliberated at its State/Local Centres to educate the engineering fraternity in general and the society in particular. This year, the Institution has selected the theme as "**Engineering Preparedness for Disaster Mitigation**".

The world is facing an increasing frequency and intensity of natural disasters that has devastating impacts on the society. As per International Strategy for Disaster Reduction (ISDR), it has been observed that over 5 million people were killed or affected in the last 10 years and a huge amount of economic losses occurred due to the natural disaster.

During such serious disaster situations, the major challenges are the protection of human beings, animal life, properties and the vital life-supporting infrastructure necessary for disaster mitigation. It has now come to realization that taking care of the natural resources and managing them wisely not only assures the survival of future generations, but also reduces the risks that natural and man-made hazards pose to people living today. Advanced disaster management technology could provide a critical support system to disaster management authorities during the situation of disaster related crises.

State-of-the-Art Lectures

Karnataka State Centre is planning two more activities on its forum during the coming months: The first one is "State-of-the-Art-Lecture" series on topics of current and emerging importance. The objective of these Lectures by eminent experts in the field, planned every third Friday of the month, is to help students, alumni and other IE members listen and discuss with the Experts and exchange ideas and enhance their understanding of the field. Small groups will be later formed to discuss learnings from the Talks.

The other activity will be a series of Brain storming Sessions aimed at bringing together eminent technologists, entrepreneurs, students and users to look at various technologies that can be brought together to solve relevant social problems. Some outcomes of the sessions would be a better awareness and definitions of the problem to all concerned, a list of possible ideas that can turn in to either student or industry projects, clear recommendations for implementation to concerned, product/ service ideas for entrepreneurs to take forward, etc.

Members are welcome to contribute to these activities and can contact : Sri S.A. Sathyamurthy, at email : sasathyamurthy@gmail.com, Phone 99800 36001 for more details.

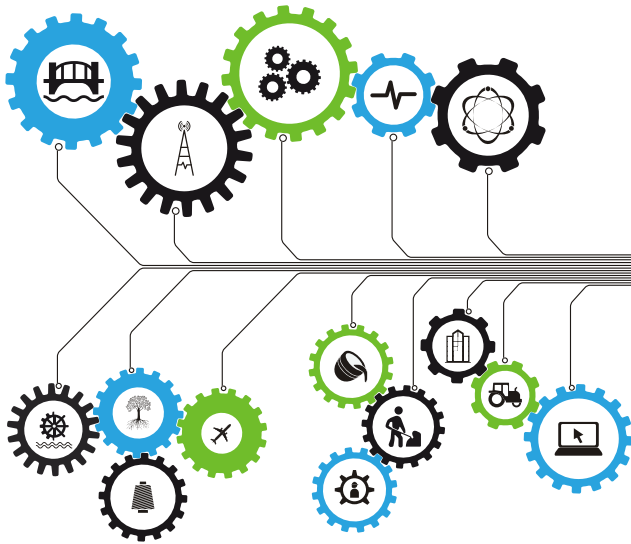
Early warning, information of temporary shelters, effects of incoming disaster, evacuation plans and implementation through the use of modern communication system and network coupled with the application of modern technologies in disaster preparedness, search & rescue of disaster survivors, energy & power supply, food supply, storage & safety, water supply, purification & treatment and many more, could act as important and timely disaster mitigation tools. This discussion attempts to enlighten the preparatory tasks of engineers on the area of disaster mitigation during the auspicious occasion of **44th Engineers' Day on 15 September 2011**.

Nominations for Eminent Engineer Award

Karnataka State Centre is celebrating 44th Engineers' Day on **15 September 2011**. It is the convention of this State Centre to honour a few **Eminent Engineers** on this occasion in recognition of their meritorious services in their fields of specialization.

Nominations are invited for "Eminent Engineer" Awards to be conferred during the 44th Engineers' Day. Such proposals should be accompanied by their bio-data and shall highlight their contribution to the engineering fraternity / engineering field for the benefit of the country / Karnataka State. Nominations may please be forwarded to : The Honorary Secretary, The Institution of Engineers (India), Karnataka State Centre, # 3, Dr. B.R. Ambedkar Veedhi, Bangalore 01. Ph : 22264698 / 22256191 ; e-mail : ieiksc@dataone.in





VENUE

Palace Grounds, Bangalore

ORGANIZED BY

The Institution of Engineers (India)

HOSTED BY

Karnataka State Centre

www.iec2011.in



Call for Technical Papers

Engineering professionals from industries, Research and Development organizations, Academic institutions and Government Departments are invited to contribute papers on the Theme and running Sub-themes of the Congress and under each of the 15 engineering disciplines of IEI Colloquium. These papers should focus on sharing the experience, concepts, developmental ideas, research findings, etc.

An abstract not exceeding 300 words shall be attached to paper in the beginning. The abstract should give details, such as, title of the paper, author(s) name(s), affiliation, full mailing address, phone and e-mail address. The paper should be limited to six (6) typed pages of A4 size paper, including text, figures, tables, charts. etc. Only Soft copy (in CD using MS Word) of the paper along with hard copy should be mailed to **the Chairman, Organising Committee, 26th IEC, The Institution of Engineers (India), Karnataka State Centre, # 3, Dr. B.R. Ambedkar Veedhi, Bangalore 560 001 Ph : 22264698 / 22256191**. More details at www.iec2011.in/call-for-papers.

If undelivered please return to

The Institution of Engineers (India)

Karnataka State Centre,

No. 3, Dr. B.R. Ambedkar Veedhi

Bangalore 560 001

