



January 2012

Chairman

Dr. K. Gopalakrishnan, FIE

Editor & Honorary Secretary

Er. G. Sreekanth, FIE

47th MEA Commemoration Lecture



Our State Centre organised Mysore Engineers' Association Commemoration Lecture on **17 January 2012**.

This Lecture has been instituted to commemorate the merger of Mysore Engineers' Association with the Institution of Engineers (India), Mysore Centre in 1964. As per one of the agreement of merger, a lecture styled as "**Mysore Engineers Association Commemoration Lecture**" was instituted.

Padma Vibhushan Sri G. Madhavan Nair, Former Chairman, Indian Space Research Organisation delivered the Forty-seventh lecture in the series on the theme "**Engineering Challenges for Emerging India**".

Dr. Wooday P. Krishna, Council Member, IEI welcomed the invitees and **Er. C.J. Jagadeesha**, Convener, MEA Commemoration Lecture introduced the Speaker.

Addressing the gathering, Sri Madhavan Nair emphasized the need for innovative approaches to realize affordable technological solutions to bridge the rural community with urban amenities. Digital divide causes an imbalance; 30 % of the population is exploiting the resources that are due for 30%. He indicated, only 70 % of the population are going for primary studies and of that only 30% are finally pursuing higher studies. The present day educational system is not conducive to R&D and industrial needs. This calls for a major change in our educational system. He even recalled his accidental adventure experienced in an electro chemistry experiment, during his school days.

Innovative technology developments are needed in the areas of energy, power and agriculture. He stressed that conventional energy sources such as fossil fuels are getting depleted and cause environmental problem. Eventhough the nuclear energy offers a better solution, it's affordability is raising concerns. He pleaded for the use of solar power from generation and

HIGHLIGHTS

47th Mysore Engineers' Association Commemoration Lecture

Page 1 & 2

Programmes held during December 2011 & January 2012

Information from Local Centres

Page 2

27th National Convention of Architectural Engineers

Page 3

Supported Activities

New Members

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



distribution point of view. However, the high costs of solar cells thwart the progress. He indicated that nano technology offers many promising solutions and hence called for sufficient research and development in this area.

He suggested to the engineering community to take up challenges to realize affordable technological solutions to modern day problems.

Prof R.M. Vasagam, Former Director, ISRO presided over the meeting and **Er. D.V. Nagabhushan**, Council Member proposed vote of thanks. **Dr. L.V. Muralikrishna Reddy**, Council member, IEI presented a memento to Sri Madhavan Nair.

Programmes held during December, 2011 & January 2012

* Talk on "Recent Developments in Waste Water Treatment Technologies" by Prof. Carlos Filipe, Dept. of Chemical Engg. McMaster University, Canada on 9.12.2011.

* Talk on 'Cloud Computing : Fundamentals & Applications" by Dr. D.C. Basappa, Senior Systems Engineer, Maryland, USA on 10.12.2011.

* The Twenty-sixth Indian Engineering Congress on "Towards Prosperous India : Challenges for Engineers" held on **15-18 December 2011** at Bangalore Palace.

* Forty-seventh Mysore Engineers' Association Commemoration Lecture by Padma Vibhushan Sri G. Madhavan Nair, Former Chairman, Indian Space Research Organisation on 17.1.2012.

* Presentation on "Mitigation of Global Warming by Biological Sequestration of CO₂ Emission in Microalgae Ponds and Photomembrane Bioreactor & Membrane Contact Absorption System" by Dr. Sarajit Basu, Chairman, Chemical Engg. Divn, West Bengal State Centre, IEI on 23.1.2012.



* Flag Hoisting Ceremony on Republic Day Celebration on 26.1.2012.

Information from Local Centres

Belgaum Local Centre

- Annual General Meeting on 29.10.2011

Dharwad Local Centre

- Annual General Meeting on 29.10.2011

- Talk on "Engineering Heritage of Dharwad" by Sri Vasant Wai, Retd. Officer, Indian Airforce on 15.1.2012

Davangere Local Centre

22nd Annual General Meeting was held on 29.10.2011

Gulbarga Local Centre

Annual General Meeting on 30.10.2011

Mangalore Local Centre

- Talk in Kannada on 1.11.2011 to commemorate Kannada Rajyothsava

- Talk on "Clean Energy - Saviour of Planet Earth" by Prof B. Narayana Karkera, Research Scientist, BARC on 29.11.2011

- Talk on "Engineering Profession in USA" by Dr. David Scoellhamer, Fulbright Senior Specialist & Visiting Professor, NITK-Suratkal on 17.1.2012

Munirabad Local Centre

- 34th Annual General Meeting on 31.10.2011

Mysore Local Centre

- Presentation on "Himalayas in Vedic Concept" by Er. C.V. Gopinath, Former Additional Secretary to GOI on 7.11.2011

- Presentation of selected Award Papers on Zero Waste Management (Kumbarkoppal, 28 Ward, Mysore) on 29.11.2011. Sri D. Madegowda, Ex-MLC, President, FMCCWP was the Chief Guest.

- Felicitation Function in honour of recipients of Rajyothsava Award on 30.11.2011. Dr. T.V. Venkatala Shastry, Former Director, Kannada Adyayana Samsthe, Mysore University inaugurated and Dr. K. Chidanandagowda, Former Vice Chancellor, Kuvempu University was the Chief Guest.



-47th Annual General Meeting on 4.12.2011

- Technical Lecture on "Future Direction of Engineers on 13.12.2011. Er. Sujit Kumar Banerjee, Director, International Management Academy, Kolkata was the Guest Speaker.

- National Consumer Day on 24.12.2011. Er. H.R. Babu

Satyanarayana, Retd Chief Engineer, GOI, Sri R. Chandra Prakash, Retd. Professor, Mysore University and Dr. T.N. Manjunath, Ayurvedic Doctor delivered Guest Lectures.

- 150th Birth Anniversary of National Poet Rabindranath Tagore on 28.12.2011. Sri P.G.R. Sindhia, Former Home Minister of Karnataka inaugurated.

27th National Convention of Architectural Engineers

Sustainable Urban Development is necessary to protect environment considering present and future urbanization. The needs of the present without compromising the requirement of the future are to be the objective. The problems for sustainable urban development are; environmental damages, depletion of natural resources, higher levels of pollution, ineffective governance, etc. The effect of non-consideration of the above objectives is leading to Global Warming.

Keeping the above in view, the Karnataka State Centre of the Institution of Engineers (India) is hosting the 27th National Convention of Architectural Engineers on "**Sustainable Urban Development - Challenges & Opportunities**" on **3-4 March 2012**. The Convention will discuss the following sub-themes.

- Urbanization trend
- Land Utilisation and Mobility
- Effects of Global Warming
- Sustainable Urban Development
- Urban Design, Smart City and Green Building
- Urban Ecology
- Governance.

The Convention will provide an opportunity for the architectural engineers, urban development consultants, civil engineers of development authorities and civic agencies, and officials of government departments, public agencies in charge of development in the urban areas, to exchange views and arrive at conclusions that will enable sustainable urban development to improve environment for better quality of life of the common man.

The delegate fee charged for participation in the Convention is as follows.

* Sponsored Delegates	Rs. 1,500/-
* Individual Delegates	Rs. 1,000/-
* Corporate Members of IEI	Rs. 750/-
* Students	Rs. 500/-

All payments shall be made by Demand Draft drawn in favour of "**The Institution of Engineers (India), Bangalore**".

More particulars about the Convention can be had from : **Dr. A.S. Kodandapani**, Convener, The Institution of Engineers (India), No. 3, Dr. B. R. Ambedkar Veedhi, Bangalore 560 001
Ph : 22264698; Telefax : 22256191; e-mail : ieiksc@dataone.in / ieiksc.ksc@gmail.com

Sir M.V. Statuette - A Memento of 26th IEC

Sir M.V. Statuette, specially ordered and used during the 26th Indian Engineering Congress generated keen interest amongst participants and members. Many of our members expressed their desire to procure this Memento for their offices/homes. After due consideration, it was decided to make the statuette available to our members.

Members interested may obtain the same from the office of KSC at a cost of Rs.275/-.



New Members

The Karnataka State Centre extends fraternal welcome to the following newly elected Corporate Members and solicit their co-operation in furthering the objectives of this Professional Society.

Fellows (FIE)

Er. A N Karumbaiah
Er. Anil Kumar Verma
Er. Aswath Kumar B
Er. Gantayata Goud
Er. H C Aswath
Er. Jacob Abraham
Er. Jharna Majumdar
Er. M S Sreeranga Murthy
Er.Om Prakash Sah

Members (MIE)

Er. Jagadish S K
Er. Jyothi U Herangal
Er Prasad N V
Er Harish G Joshi
Er. Amarnath G
Er. Amarnath R Boraiah
Er. Channaveeraiah
Er. Eswaramoorthy Muthusamy
Er. Gopakumar P

ME
CV
CV
ME
ME
CV
EL
ME
ME

Associate Members (AMIE)

Er. Atul Nigotia
Er. Chandrashekar A
Dr. Chandrashekhara Goapalla Sheri
Er B G Manjunatha
Er. Raghu K
Er. Raghu B A
Er. Juluru V N K Srinivasa Rao
Er. Manjunatha K M
Er. S. Mahesh

ME
ME
ME
ME
AG
AG
CV
CV
CV

SUPPORTED ACTIVITIES

CLIKTRONIKA 2012

The **Preferential Procurement Policy** requires all central ministries and public sector units to purchase at least 20% of their total annual purchases from the MSME sector. This was approved by the Union cabinet in November 2011 under the MSED Act 2006. This would be a powerful tool to boost the MSE growth, as the government and public sector units (PSUs) are the biggest buyers in the country. This will help link the large and small industry and benefit the entire supply chain.

Keeping the above objectives in view, **CLIK - Consortium of Electronic Industries of Karnataka** is organizing **CLIKTRONIKA-2012, a Buyer- Seller Meet and Exhibition for the Electronics Sector on 16th February, 2012 at World Trade Centre, Bangalore.**

This flatship event of CLIK aims at developing marketing linkages between Government Departments, Defence, Public sector Units and Large and Medium scale Industries with MSME members.

Our State Centre is associating with CLIK in organizing **CLIKTRONICS 2012.**

For further details, please contact : Ms Uma Reddy, President, Consortium of Electronic Industries of Karnataka, AECS Layout, Post Office Road, Sanjay Nagar, Bangalore 94
Ph : 080 42061421 ; Fax : 080 23511851 ;
e-mail : clik@clikindia.co.in, clikbangalore@gmail.com

MSME DEFEXPO 2012

The National Small Industries Corporation - a premier Government of India Enterprise is organizing **MSME DEFEXPO 2012** an International MSME Sub-contracting & Supply Exhibition for Defence, Aerospace and homeland Security at **Palace Grounds, Bangalore during 2-4 March 2012.** This event is sponsored by Ministry of MSMEs, Govt. of India and Government of Karnataka.

This is an unique event which provides a perfect platform for companies to promote their products and services to domestic, International and top regional players in defence, aerospace and homeland security areas and to facilitate linkages between MSMEs and large defence equipment producers / suppliers around the world taking advantage of the procurement off-set policies set by Ministry of Defence, Govt. of India.

Our State Centre is supporting this Industrial Expo to be held at Bangalore Palace.

Further details can be had from : Sri N. Ravi Kumar, Zonal General Manager, The National Small Industries Corporation Ltd, No. 6 & 7, Industrial Town, West of Chord Road, Rajajinagar, Bangalore 560 044. Ph : 080 23307790 ; Fax : 080-23386578 ; e-mail : zgmsouth2@nsic.co.in

Congress Publications

The following publications were brought out during the 26th Indian Engineering Congress held during 15-18 December 2011.

- * Colloquium Souvenir containing Guest Lectures delivered during the Congress
- * Proceedings of Technical Papers presented during the technical sessions (Abstracts & Full Papers in CD)

- * Congress Souvenir released to mark the occasion

These publications are available at a total cost of Rs.625/- . Those interested may send Demand Draft drawn in favour of "**IEI Congress 2011**" giving name, full address, phone numbers, e-mail address and send it to : The Chairman, Organising Committee 26th IEC, The Institution of Engineers (India), No. 3, Dr. B.R. Ambedkar Veedhi, Bangalore 560 001.

If undelivered please return to

The Institution of Engineers (India)

*Karnataka State Centre,
No. 3, Dr. B.R. Ambedkar Veedhi
Bangalore 560 001*

Edited and published by Er. G. Sreekanth for the Institution of Engineers (India), Karnataka State Centre, 3, Dr. B.R. Ambedkar Veedhi, Bangalore - 560 001. Phone : 22264698; Telefax : 22256191. E-mail : ieiksc@dataone.in & Printed at JAP Systems, New Thippasandra, Bangalore - 560 075 and Registered with the Registrar of News Paper of India Under Registration No. 22614/72.

