



IEAP NEWSLETTER

Vol. IV

Number - 03

March 2012

Price Rs. 0.25 Ps.

From the Chairman's Desk

NATIONAL SURVEY DAY



Every year National Survey Day is celebrated on 10th April throughout India, to commemorate the accurate measurement of the first baseline of Great Tripanative Survey (GTS) on 10th April 1802 near Chennai, Tamilnadu based on the recommendation by the National Cadastral Survey Conference held in 1967.

This year it is proposed to organize Three Day All India Seminar with the theme "Land Surveying Summit" jointly by the Andhra Pradesh State Centre (APSC) of the Institution of Engineers (India) and GIS India during April 10-12, 2012. GIS India is Asia's/India's first Journal on GIS being published since 1992. Senior and renowned professionals are associated with the Journal since its inception Geographical Information Systems.

Surveying and mapping forms the basis for Geographical Information System (GIS) data base, used in variety of applications like power, Irrigation, Highways (Transport), Mining, cadastral surveys, instrumentation, special softwares for engineering applications. National programmes, like restructured accelerated power development and reforms programmes (APDRP) in the power sector and National Land record moderation programme (NLRMP) for developing Land Information Systems (LIS) are useful sectors in terms of investments as well as employment. National Highways are another sector with huge potential for LIS and surveying. Several companies engaged in surveying and mapping have advocated the need for high lighting the scope and surveying technologies including modern instrumentation and hence this seminar is proposed wherein modern trends in surveying and Mappings will be discussed by experts in various technologies.

Surveying technologies ranges from simple field observations with chain, take, leveling to total stations, Global positioning System (GPS) Mobile mapping and generating complex graphical and engineering outputs using special software's.

Satellite imagery, particularly high resolution imagery, Aerial photography, Light detection and ranging (LiDAR) imaging and photogrammetry are emerging as powerful mapping solutions and surveying provides the most important accuracy base. Interacting/discussion on Geospatial processes at different levels has become essential in working out solutions to planning and implementation of projects in various sectors power, Transportation, Civic amenities, infrastructure etc.

This Seminar provides a common platform to all those with interest in Geospatial technologies and high light the importance of surveying and mapping. Many organization engaged in construction and GIS projects will show case their products and services. Exhibitors may plan to have interactive sessions to create awareness of new technologies amongst the engineers, scientists, and decision makers participating in the event. Persons with any Qualifications can find appropriate carrier opportunies in this emerging field of geomatics.

Further this Seminar will cover the wide range of surveying and mapping technologies as part of GIS such as Global Navigation Satellite System (GNSS) like GPS, total stations State-of-art, leveling Instruments - Auto levels, Mobile mapping and Lasar Measurement and software for engineering applications.

Hence experts from public sector, private sector, industrial establishment, Educational Institutions, Consultancy Organisations and R&D organisations, GIS professiona. Students and enterprising budding engineers, and our Corporate/Non Corporate Members of IEI are requested to participate in this seminar and can have the benefit of interaction with the Resource persons who have been identified to present papers and demonstrate the use of various type of equipment used in various GIS applications.

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VENUE FOR PROGRAMMES

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ATTENTION: CORPORATE MEMBERS OF IEI



The Special General Meeting and Extra-ordinary General Meetings of Corporate Members of The Institution of Engineers (India) will be held at 1700 hrs on 5th May, 2012 at Andhra Pradesh State Centre of IEI, Visvesvaraya Bhavan, Khairatabad, Hyderabad -500 004.

ALL CORPORATE MEMBERS OF IEI REQUESTED TO ATTEND THE ABOVE MEETING POSITIVELY AND MAKE IT A GRAND SUCCESS.

25th National Convention of Textile Engineers, February 24-25, 2012, Hyderabad, Theme: The Emerging Trends in Textile and Handlooms



Convener, Organising Committee presented the recommendations. Earlier, Er G Sudhakar, FIE, Hon. Secretary, IEI, APSC welcomed the gathering, finally, Dr K Yella Reddy, FIE, Jt. Hon. Secretary proposed vote of thanks.

RECOMMENDATIONS:

1. Cotton, the most important raw material for the textile Industry, should be given due importance right from farming production to marketing so as avoid distress sale of cotton with monetary loss to the cotton growers. Procurement of cotton to be streamlined.
2. The technological up gradation to be expedited for the modernization of the textile industry.
3. Design and product development, diversification of products innovation in design intervention, adoption of more aggressive marketing strategy are to be given importance.
4. An element of Fashion in the textile products should invariably be introduced with professional inputs.
5. Skill development to be undertaken in a massive scale for value addition to textile products. Surface ornamentation techniques may be widely used for market acceptance and value addition.
6. Fashionable trends in clour forecasting, textural developments, creation of awareness for traditional fabrics, introduction of CAD, more R&D, more of market surveys and information passing to the lowest level, strengthening of extension services to the decentralized sector, are some of the suggestions for implementation and incentives to be made more attractive.
7. More publicity to be given to take up eco-friendly initiatives, use of renewable energy, reduction of carbon imprints, raising of organic cotton, use of more natural and vegetable dying, creation of more marketing avenues, protection of handlooms and handloom weavers, preservation of heritage and culture in sustaining the handlooms were some of the other recommendations.

The Andhra Pradesh State Centre of the Institution organized the 25th National Convention of Textile Engineers during February 24-25, 2012. Valedictory Function was organised on 25th February, 2012 Er G Prabhakar, FIE, Imm. Past President, IEI was the Chief Guest. In his address, ErPrabhakar emphasized the importance of the textile sector in general and handloom sector in particular. He cited the age old adage "Roti, Kapada & Makan" to forcefully present his views for the all-round development required by the industry as it is the 2nd most essential requirement of the humanity. He exhorted upon all the textile engineers, technicians and budding student engineers to closely involve themselves with the industry and undertake suitable technological developments not only in updating the technology but also for product development and design intervention for the benefit of all the stake holders of the industry particularly the handloom weavers and artisans. ErPrabhakar also appealed to the textile designers to keep a track on the various International and National trends so as to keep the consumers interest in mind and help the industry to grow with a view to reviving its past glory.

Prof. T Narayana, FIE, Chairman, IEI, presided over the function. Dr S M Chatterjee, FIE, Member Textile Division Board also spoke on this occasion. Er P L Panda, FIE,

Dr J Purushottam Seventh Endowment Lecture on "WATER MANAGEMENT - IMPACT OF CLIMATE"

March 1, 2012: Shri Y Lavakusa Reddy, FIE, Former Engineer-in-Chief (Irrigation) and Former Advisor to Government was the Chief Guest and Speaker on the occasion. He explained various aspects of water Management and its impact of climatic change with a quote 'Adapting Water Management'. In the endowment lecture the effects of greenhouse gases definitions and impact of climate change, LANINA and ELNINO, prediction Models were elaborated. Adapting Water Management to climate change, soft solutions, hard solutions, Indian initiatives to climate change according to National Water Mission with related strategies are

explained to the audience. It was concluded with a message that 'Once Water Managers, Climate specialists and support agencies are working in Harmony; it is possible to develop effective early warning systems and Disaster preparedness strategies which may save the stakeholders and authorities in R&R costs. The Lecture was presided over by Prof. T Narayana, FIE, Chairman, IEI, APSC. Earlier, Er I S N Raju, FIE, Former Chief Engineer, CDO and Member, IEI, APSC welcomed the gathering. The event ended by vote of thanks by Prof. M Kamalakar, FIE, Jt. Hon. Secretary, IEI, APSC.

NATIONAL SAFETY DAY CELEBRATIONS

March 7, 2012: Every year 4th March is observed as National Safety day. This year, in the special circumstances, APSC of IEI celebrated "National Safety day" on 7th March, 2012 on the theme "**Ensure Safe and Healthy working Environment - a Fundamental Human Right**". **Er G Balakishore**, Director of Factories, Government of A P graced the occasion as Chief Guest and **Er R Krishnan**, Executive Director, BHEL, Hyderabad delivered the keynote address on the theme. **Er R Krishnan** stated that HSE (Health, Safety and Environment) is a buzz word in the entire corporate world and without HSE, Social justice and economic growth cannot be achieved. HSE is recognized as a fundamental human right. Further he stated that in BHEL they have set the order priority health first, safety second and environment third.



The health of the workers who work in hazardous areas is to be taken care of by the industry management. The safety practices in organized sector are much better than that of unorganized sector where much importance is given to turnout and quality and very little about safety, health and environment requirements. Investment in safety measures provides a better life to employees and safety deferred is safety denied. The safety practices are not very easily forced from top but has to be imbibed into the culture of the organization. He narrated various steps to be taken to maintain good environment and requested the participants to save environment from further degradation and to provide clean environment which is safe and healthy. He concluded with the statement that everyone has a role in making work places safer and healthier to work.

The Chief Guest, **Er G Balakishore** spoke on importance of safety in all occupations. He discussed about relation between safety and productivity. Safety is closely linked to productivity. He wanted decent work to be a reality in all occupations and defined decent

work as a safe, healthy work. He stressed the need for ensuring that a worker reaches home happily and safely after work. He explained the need for safety in view of globalization and privatization. Organisations need to be more competent in the field of safety and health to sustain the competition in the global world. He spoke on the role of employers and employees in maintaining good working conditions there by improving safety record. As per statistical analysis of accidents in Andhra Pradesh, unqualified, untrained and ill experienced workers contribute for more number of accidents. He stressed the need for training workers in the field of safety by creating awareness on the hazards they encounter while working. He explained about reduction in accidents by the following techniques:

designing out the hazards, reducing the hazards, monitoring the hazards and Emergency Planning. He has cited recent accident while conducting a mock drill in Bangalore and stressed the need for preparing for emergency situations. He informed that engineers have a great role to play in the field of safety. They have to manage Men, Material, Machinery and Money to improve safety performance of an organization which is essential for prosperity of any organization. He hoped that engineers thrive for safety to ensure that the poor workers came to work in organizations are not killed in accidents due to unsafe conditions. He has also informed that a tableau made by the Factories Department on the eve of Republic Day Celebration based on the theme of Industrial Safety and Emergency Planning has won first prize.

Prof T Narayana, FIE, Chairman, IEI, APSC presided over the function, **Er Y Mohan Babu**, MIE, Dy. Chief Inspector of Factories briefed about National Safety Day. Earlier, **Er S Jagan Mohan Reddy**, FIE, Member IEI, APSC welcomed the gathering.



PROGRAMMES APRIL, 2012

Date & Time	Event
10.04.2012 to 12.04.2012	All India Seminar "Land Surveying Summit"
13.04.2012 & 14.04.2012 0930 hrs.	Two day Seminar on "Irrigation Development in Andhra Pradesh" (in commemoration of Birthday Celebrations of Dr K Sriramakrishnaiah) (As a part of First Decade of Irrigation day Celebrations)
21.04.2012 Saturday 1730 hrs.	WORLD EARTH DAY
23.04.2012 Monday 1730 hrs.	Er Koka Krishna Mohan Rao Twenty Second Endowment Lecture

NEW BUILDING COMPLEX DONORS

ACKNOWLEDGEMENT

The A P State Centre Committee of IEI acknowledges with thanks the following Senior Corporate Members for their spontaneous contributions to the IEI, APSC, New Building under construction :



Er P R Tripathi, FIE
Rs.10,000/-

Mr Ch Rama Brahma Chary, STIE	Rs. 500/-
Er K Harinadha Babu, MIE	Rs. 5,000/-
Er K Chalil, FIE	Rs. 5,001/-
Er R V Naidu, FIE	Rs. 5,000/-
Er S L Reddy, FIE	Rs.10,000/-
Er B V S Rama Rao, FIE	Rs. 5,000/-
Dr T H Chowdary, FIE	Rs. 2,000/-
Er C Nagisetty, FIE	Rs. 1,000/-

ANNOUNCEMENT

IEI ELECTIONS 2012

In accordance with Bye-Laws 4(a)(iv), 4(a)(iii) and Regulation 3(a)(v), the following elections are due in the year 2012:

- 1) Bye-Law 4(a)(iv) – Election to the Council from the Divisions for four Sessions commencing from the Session 2012-2013.
- 2) Bye-Law 4(a)(iii) – Election of one Corporate Member from each of the State Centres, whose Corporate Membership is not less than one and half per cent of the total strength of Corporate Members on the roll as on 31st day of March of the preceding year.
- 3) Regulation 3(a)(v) – Elections of Corporate Members to the State and Local Centre Committees from respective Divisions.

The above elections shall be held in accordance with Revised Procedure of Elections as approved by the Council and published in the IEI News of July 2011.

Online facility for voting has been created through www.ieindia.in which can be accessed from the Home Page of Institution Website www.ieindia.org during the election period. To enable Corporate Members to cast their vote online, log-in details will be sent to them through SMS/E-mail, whose mobile number / E-mail is / are already registered.

All Corporate Members are, therefore, exhorted to make use of this facility.

Printed by Er G Sudhakar, FIE, Hon. Secretary, O/o The Institution of Engineers (India), A P State Centre, Khairatabad, Hyderabad. Published by Er G Sudhakar, FIE, Hon. Secretary, O/o The Institution of Engineers (India), A P State Centre, Khairatabad, Hyderabad on behalf of The Institution of Engineers (India), A P State Centre, Khairatabad, Hyderabad and Printed at M/s Atlas Stationery and Printing Industries, Ashok Nagar, Hyderabad – 500 020 and Published at The Institution of Engineers (India), A P State Centre, Khairatabad, Hyderabad, A P. Editor Er G Sudhakar, FIE, Hon. Secretary, O/o The Institution of Engineers (India), A P State Centre, Khairatabad, Hyderabad - 500 004.

If undelivered please return to :
The Institution of Engineers (India)
A.P. State Centre, Khairatabad, Hyderabad - 4.

To

RNI.No. APBIL/2009/33477
Regd. No. HD/245/2012-14
for the years 2012-14