



IEAP NEWSLETTER

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Number - 02



From the Chairman's Desk

This note is written Off the Desk while I am travelling in USA. Each visit of mine to other Countries remind me our inability to catch up in the race in respect of living conditions, the systems and their maintenance, engineering and technology included. We in India are happy that we are able to achieve a growth rate of 7 to 9% and world talking about India's progress as a fast developing and formidable country after China. This may be true as far as physical and economic growth is concerned. But looking from a different angle I feel we must accept that we are failing, to say the least, even to adopt the good practices followed in advanced countries in respect of quality of life and living standards. This is not a pessimistic view but a reality.

For example, the recent severe snow storm in the Midwest USA is catastrophic and shattered the normal life. Yet the situation is brought back to normalcy by prompt actions and systems in place. The Government's actions and people's response is equally appreciable. Even after 24" of snowfall in one day, people are back to their normal work within 24 hours. The enormous efforts to clear the roads, to move the immobilised vehicles, putting back the public transport system with ease are something amazing. In contrast, even a 5cm rain in Hyderabad creates a huge dislocation to normal life, not once but every time.

I have seen a road accident happen just a few yards ahead. The traffic is stopped for a couple of minutes, the police, ambulances and relief teams arrived exactly in five minutes as we are watching. The first thing the teams did was to make the inmates comfortable, check their physical and psychological conditions, give first aid and move them into the ambulance. Both the cars are lifted from the carriageway and road cleared. All this operation took exactly 17 minutes and in the meanwhile cops were in position to divert the traffic. I was unable to comprehend this to happen back in our country, though it is not difficult to happen.

Many of such contrasts are seen by many of us who travelled to other developed countries, and should we not think why so? The basic issues to be addressed are:

1. Identification of problem precisely and anatomically.
2. Search for alternate options for solution.
3. Selection of Optimal solution and correct decision.
4. Plan for implementation meticulously and in detail.
5. Resource mobilisation.
6. Implementation of planned actions.
7. Monitoring and Review.
8. Technical and Social auditing.

All this needs sincerity of purpose by the Government, its political and executive wings, on one hand and respect for rule of law, responsive and responsible attitude of people on the other hand. The situation can change and things can happen in our country also with good citizenship, empathy for suffering groups, respect for fellow countrymen which is seen here very distinctly. People come forward here to discharge their responsibilities in addition to the Government's efforts. It is just enough if people do not create obstructions in the way of Government's actions if they are for common good. To achieve this the mindset has to change in politicians and people's attitudes need reorientation. At decision making stage, both legislative and executive, priorities and non priorities need to be discriminated. Technical and professional opinion shall be respected and people's participation encouraged to ensure transparency in public spending. Many of ills emanate from the absence of mutual trust and this can be addressed if we realise that morals and ethics are important not only in personal life but also in public life. Let us look forward to a bright future in this direction in our country along with growth and development.

Dr S Nagabhushana Rao
Chairman

Chairman

Dr S Nagabhushana Rao, FIE

Hon. Secretary

Prof T Narayana, FIE

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Wg.Cdr. V L Nanda Kumar, (Retd), FIE

Prof T Narayana, FIE

VENUE FOR PROGRAMMES :

"Visvesvaraya Bhavan" Khairatabad, Hyderabad - 500 004. Phone : 040-2331 4969 Fax : 040-2331 4024

E-mail : ieiapsc@gmail.com Website : www.ieiapsc.org.in

The Institution of Engineers (India)
Andhra Pradesh State Centre

CONGRATULATIONS TO....



Lt. Gen. Ajay Chandale

Lt. Gen. Ajay Chandale, AVSM, FIE Director General of EME, integrated HQ of MOD (Army), New Delhi and Council Member, IEI and **Maj. Gen. (Retd.) R K Sanan**, FIE, Secretary and Director General, have been conferred with Parama Visista Seva Medal (PVSM) and Visista Seva Medal (VSM) respectively by the President of India on the eve of Republic Day Celebrations on 26th January, 2010.

The AP State Centre of IEI Congratulates **Lt. Gen. Ajay Chandale**, PVSM, FIE and **Maj. Gen. (Retd.) R K Sanan**, VSM, FIE for their outstanding recognition.



Lt. Gen (Retd) RK Sanan

IEI PARTICIPATES IN FEISCA EXECUTIVE COMMITTEE MEETING AND IEB CONVENTION AT CHITTAGONG, BANGLADESH



The IEI delegation to the event. Seen (R-L): Maj. Gen. (Retd.) R K Sanan, Mrs S Sanan, Er G S Bachala, Er R P Gupta, Er G Prabhakar, Er Roychowdhury, Er A Mukherjee and Dr (Ms) Shalini Sharma

The IEI delegation, led by Er R P Gupta, Past President of IEI and Vice President of WFEO, including Er G S Bachhal, Member of IEI Council and Senior Vice President of FEISCA; Er G Prabhakar, Member of IEI Council and Member of FEISCA Executive Committee; Er A Mukherjee and Er A K Roychowdhury, Members of IEI Council; Maj Gen (Retd) R K Sanan, Secretary and Director General of IEI, and Dr Shalini Sharma, Head, Centre for Climate Change, Engineering Staff College of India – a peripheral body of IEI, participated in the 51st Convention of The Institution of Engineers, Bangladesh (IEB), organized on the topic '**Sustainable Technology for Digital Bangladesh**' held during 02-04 January 2010 at Chittagong, Bangladesh. The Convention was inaugurated on 02 January 2010 by Ms Sheikh Hasina, Hon'ble Prime Minister of Democratic Peoples' Republic of Bangladesh, at IEB, Chittagong Centre.

The Meeting of the Federation of Engineering Institution of South and Central Asia (FEISCA) Executive Committee was held on 02 January, 2010 at 2000 hrs. The FEISCA Executive Committee deliberated on the various items of the Agenda. A National Seminar on the topic '**Vision 2021: Challenges for Engineering Profession**' was inaugurated on 03 January 2010. A keynote lecture on the topic 'Digital Bangladesh Bank' was delivered during the Seminar by Dr Atiur Rahman, Governor, Bangladesh Bank, Dhaka. The inaugural session of the National Seminar was followed by the 53rd Annual General Meeting of The Institution of Engineers, Bangladesh.

PAST EVENTS

Popular Lecture on "**CHALLENGES AND OPPORTUNITIES IN AERONAUTICS**"

February 1, 2010: Shri B S Sastry, Project Director (Retd.), Secondary Power System (Hydraulic & Electric Power System) Light Combat Aircraft, Ministry of Defence, Govt. of India delivering a Popular Lecture on "**Challenges and Opportunities in Aeronautics**" said that in the aviation industry, there are some interesting developments taking place. The design and simulation tools for predicting the performance of systems and components are changing with user friendly packages and drastic reduction in cost. Most of the design, analysis and simulation tools are available on Windows NT or LINUX operating systems with reasonable cost. The computer cluster concept is enabling the processing power of super computers within the easy reach of many designers. The design chain accelerator will enable faster designs with drastic reduction in time. The digital mock-up and virtual reality software is enabling to workout MRO schedules at the design-stage itself. The virtual machining software is helping to streamline manufacturing processes and tooling details to prepare process sheets for manufacture as well as to formulate the quality standards. With the above mentioned softwares it is possible to achieve SIX-SIGMA standards. The materials (Vacuum are melted steels and electro slag refined steels) cost of super alloys, titanium based alloys and composites are coming down. Recently the Chinese & Swiss have brought out a two seater electric plane with lithium ion batteries. Many Universities in US are experimenting with 'Flying Cars'. It is predicted that flying cars will go into production in the year 2011/2012.

Wg. Cdr. V L Nanda Kumar (Retd.), FIE, Past Chairman IEI, APSC and Chairman, Energy Conservation Mission presided over the Popular Lecture.

Dear Corporate Member,

We are bringing out Monthly Newsletter in Multi-colour since December, 2007 and several members while appreciating our effort, suggested to continue to publish monthly newsletter in multi-colour only. Responding to our appeal, **M/s LIC Housing Finance Ltd., M/s SEW Constructions Ltd., M/s KAB Educational Consultants; M/s PBEL Property Development (India) Pvt. Ltd.; M/s Sri Ujwala Infrastructures Pvt. Ltd.; M/s TUV SUD South Asia Pvt. Ltd. and M/s KVP Group of Companies** have come forward and advertised the profile of their firms/Organisation.

We solicit the kind support of all Corporate Members to prevail upon the reputed organizations with a request to sponsor our Monthly Newsletter through a nominal contribution of Rs.25,000/- for full page; Rs.12,500/- Half page and Rs.7,000/- for Quarter page. In reciprocation of this gesture, the profile of sponsoring organization will be included in that particular issue.

Hon. Secretary

GUIDELINES OF THE GUEST HOUSE OCCUPATION

1. Accommodation will be reserved only on a requisition letter, fax or e-mail from members.
2. Confirmation from the Hon. Secretary of the Centre is to be obtained before arriving at the Guest House.
3. The tariff applicable to members and non-members is different and strictly adhered to. The person occupying the Guest House will be entitled to concession, if he is a member. Otherwise non-member charges will be levied. The names of persons for whom reservation is sought shall be given in the requisition.
4. In case, the members of IEI reserve the guest house but occupied by non-Members the tariff as applicable to non-members will be charged.

5. The tariff for occupation of guest house per Room:

| | | |
|----------------|--------|-------------------|
| For Member | AC | Rs. 400/- per day |
| | Non-AC | Rs. 250/- per day |
| For Non-Member | AC | Rs. 600/- per day |
| | Non-AC | Rs. 400/- per day |

+ Service Tax 10.30% extra on the above

6. The requisition for reservation shall be sent to:

The Hon. Secretary
The Institution of Engineers (India)
A P State Centre, Khairatabad, Hyderabad- 500 004.
Fax No: 040-23314024, e.mail:ieiapsc@gmail.com

CONGRATULATIONS TO....

Er Soma Jagan Mohan Reddy, FIE, Member of the A P State Centre Committee of IEI participated in the 2nd South Zone Masters Aquatic Championship meant for Age Group of 60-64 years held on 25th and 26th January, 2010 at Visakhapatnam organized by A P Amateur Aquatic Association under the auspicious of Swimming Federation of India and won the certificates of honours.

1. Gold Medal -1st place: 50 metres free style
2. Gold Medal – 1st place : 100 metres free style
3. Gold Medal – 1st place : 200 metres free style
4. Gold Medal – 1st place: 400 metres free style

The A P State Centre Committee congratulated and felicitated **Er S Jagan Mohan Reddy** on his achievements during the 13th A P State Centre Committee Meeting held at Tirupati on 30th January, 2010 and wish him all success in his future endeavours also.

– Hon. Secretary



The great Greek king, Alexander, after conquering many kingdoms, was returning home. On the way, he fell ill and he was bedridden for months. With death drawing close, Alexander realized how his conquests, his great army, his sharp sword and all his wealth were of no use.

He called his generals and said, "I will depart from this world soon. But I have three wishes. Please fulfill my wishes without fail." With tears flowing down their cheeks, the generals agreed to abide by their king's last wishes.

"My first desire is that," said Alexander, "my physicians alone must carry my coffin." "Secondly, when my coffin is being carried to the grave, the path leading to the graveyard should be strewn with gold, silver and precious stones which I have collected in my treasury. My third and last wish is that both my hands should be kept dangling out of my coffin." The people who had gathered there wondered at the king's strange wishes. But no one dared to question. Alexander's favorite general kissed his hand and pressed

them to his heart. "O king, we assure you that your wishes will all be fulfilled. But tell us why do you make such strange wishes?"

At this Alexander took a deep breath and said, "I would like the world to know of the three lessons I have just learnt. I want my physicians to carry my coffin because people should realize that no doctor can really cure anybody. They are powerless and cannot save a person from the clutches of death. So let not people take life for granted.

The second wish of strewing gold, silver and other riches on the way to the graveyard is to tell people that not even a fraction of gold can be taken by me. Let people realize that it is a sheer waste of time to chase wealth.

And about my third wish of having my hands dangling out of the coffin, I want people to know that I came empty handed into this world and empty handed I go out of this world."

Alexander's last words: "Bury my body, do not build any monument, keep my hands outside so that the world knows the person who won the world had nothing in his hands when dying".

PROGRAMMES MARCH, 2010

| Date & Time | Event | Chief Guest / Speaker |
|-------------------------------------|---|--|
| 06.03.2010 Saturday 1400 hrs. | One day Seminar on "Safety Through Application of Standards and Systems" (on the eve of "National Safety Day") | Shri G Balakishore Director of Factories Government of Andhra Pradesh |
| 22.03.2010 Monday 1000 hrs | One day Seminar on "Communicating Water Quality – Challenges and Opportunities" (on the eve of "World Water Day") | |
| 26.03.2010 Friday 1000 hrs. | One Day Seminar on "Power Trading" | |

The Institution of Engineers (India)

Andhra Pradesh State Centre

requests the pleasure of your company on the occasion of

Dr J Purushottam

Fifth Endowment Lecture on

"FLOOD FURY IN KRISHNA RIVER"

by

Er ROUTHU SATYANARAYANA, FIE

Advisor (North Coast),

Irrigation & CAD Department, Govt. of AP

Er D HANUMANTHA CHARY, FIE

Imm. Past Chairman, IEI, A P State Centre

will preside

on **Monday the March 1, 2010 at 1730 hrs.**

at "Visvesvaraya Bhavan",

Khairatabad, Hyderabad -500 004.

Prof. T Narayana, FIE

Hon. Secretary, IE(I), APSC

The Institution of Engineers (India)

Andhra Pradesh State Centre and

Dr K Sriramakrishnaiah Smaraka Seva Samithi (DKSSSS)

request the pleasure of your company on the occasion of

VIII IRRIGATION DAY CELEBRATIONS

(in commemoration of 84th Birthday Celebrations of
Dr K Sriramakrishnaiah)

on **Wednesday the March 3, 2010 at 1730 hrs.**

at "Visvesvaraya Bhavan", Khairatabad, Hyderabad.

SHRI K ROSAIAH

Hon'ble Chief Minister of Andhra Pradesh

has kindly consented to be the **Chief Guest**

Felicitation to

Er C L N SASTRY, FIE

Advisor (Water Resources),

Engineering Staff College of India, Hyderabad

Er D HANUMANTHA CHARY, FIE

Imm. Past Chairman, IEI, A P State Centre

will preside

Prof. T Narayana, FIE

Hon. Secretary, IEI, APSC

Er Ch Veeraiah, FIE

President, DKSSSS

AMIE SUMMER 2010 EXAMINATIONS

Section 'A' Diploma Stream

05.06.2010 to 06.06.2010

SECTION 'A' 05.06.2010 to 09.06.2010

Non-Diploma Stream

SECTION 'B' 05.06.2010 to 11.06.2010

Hon. Secretary

POSTGRADUATE DIPLOMA EXAMINATIONS SUMMER 2010

Summer 2010 Examinations of Postgraduate Diploma will be conducted as per the revised syllabi only during 08.04.2010 to 11.04.2010 at five Centres, viz., Delhi, Kolkata, Chennai, Hyderabad and Nagpur.

Hon. Secretary

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