



The Institution of Engineers (India)

U.P. State Centre, Lucknow

"95 Years of Relentless Journey Towards Engineering Advancement for Nation Building"

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From Chairman's Desk



Dear Brother Engineers,

During 684th Council Meeting held in Hyderabad Dr. L.V. Murlikrishna Reddy F.I.E., the President of IEI informed that the IEI will celebrate the Centenary Celebration for which the State Centres and the Local Centres were asked to organize various technical programs i.e. Seminars/Workshops/Conferences from

now onwards for the benefit of the society and nation building.

We have started the activities and I request the members to come forward with their proposals for organizing a large number of activities at our centre.

We celebrated the Republic Day and I once again congratulate every one for that. My best wishes for Holi and New Samvat 2072.

A K Gupta, FIE
Chairman

Forthcoming Events at IEI, U.P. State Centre

S.N.	Date	Event	Convener
01.	15.03.2015	Holi Milan	-
02.	22.03.2015	World Water Day	Prof. Jamal Nusrat
03.	17.05.2015	World Telecom & Information Society Day	Er J S Mishra
04.	05.06.2015	World Environment Day	Dr S K Gupta

Report on Republic Day 2015

On 26th January 2015, Republic Day was celebrated in the Engineer's Bhawan. Many members were present in the lawn of the building at the time of flag hoisting. After National Anthem, Er A.K. Gupta, Chairman, UP State Centre delivered an inspiring speech. He emphasized that honesty and dedication are the basic principles, which everyone should follow for the service of the mankind and for the progress of the country.



A photograph taken by a Member on 26th January 2015 at the end of the Republic Day celebrations

Report on Workshop on 'Road Safety Aspects & Audit'

The Institution of Engineers (India) UP State Centre & UP Public Works Department jointly organized the Workshop on 'Road Safety Aspects and Audit' on January 27-28, 2015 availing the expertise of CSIR- Central Road Research Institute (CRRI), New Delhi. More than 350 engineers from the all over the State attended the Workshop. This Workshop was inaugurated by Shri Kishen Singh Aatoria, Principal Secretary PWD, UP. In his inaugural speech, he stressed the need for the adoption of best road safety measures which can thereby help to enhance the safety of all the road users and he felt this workshop imparted by CSIR-CRRI would help in providing proper directions.

Mr. A K Gupta, Head of the Department, UPPWD in his speech hoped that with the help of this training programme, the PWD officials would try to implement the safety measures for enhancing the safety on the UP roads covering the National Highways, State Highways, Major District Road and District roads of the state maintained by UPPWD.

Dr S Velmurugan, Head, Traffic Engineering and Safety Division, stressed the urgent need to enhance the safety on the UP road network. He was pleased to note the initiatives undertaken by the UPPWD to formulate the Road Safety Cell in the state and thus becoming only the third state in the country to join this select bandwagon. His colleagues mentioned apart from this sensitization workshop, there is a need for imparting intensive five day training programme covering the practical hands on training for the selected PWD officials, Town Planners and police which will help in capacity enhancement.

SALIENT FEATURES OF THE WORKSHOP

1. About 350 engineers attended the Training Programme.
2. Review on Road Safety across the World, National Level and State level was presented.
3. Brief on the various aspects of Traffic Engineering, Transportation Planning and Safety on Roads and the need to take interests of various Road users were discussed.
4. Road Safety Audit and the various stages of Road Safety Audits to enhance the safety of all the road users were presented.
5. What are the human factors that influence the accidents and how to increase the safety of road users were presented?
6. How to identify the Black spots, where the accidents are occurring at regular interval, how to give the remedial measures to remove the black spots were presented.
7. It was suggested to have an intensive five days' training programme for the identified engineers from the PWD. About 35 engineers were selected for this purpose.
8. In Addition to the above after training to the PWD officials, the local awareness programmes at the Schools and main roads need to be arranged at regular interval to increase the awareness amongst all types of road users.
9. Put the retro reflective stickers on Cycles / Cycle Rickshaws and Hand Carts to enhance the safety during night time.
10. Media advertisements in Cinema theatres, Bus terminals/ Railway Terminals small promotional road safety films must be shown during the starting and break time.
11. Further the importance for the adherence to the 5Es namely, Engineering, Enforcement, Education, Environment and Emergency Care was emphasized.
12. At the end, it was emphasized that it is essential to subject the candidate road sections spread across the state facing high crash records and subject them comprehensive Road Safety Audit. In this, the expertise of CSIR-CRRI or any other agency can be drawn which go long way in addressing the safety issues in the state.

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Similar Programmes for Town Planning / Development Authority, Municipal Corporation Officials and Traffic Police personal is essential for better coordination and to enhance the safety on rural and urban roads in UP state.

Report on Lecture on 'SELF MANAGEMENT BY OBJECTIVES'

The Institution of Engineers (India), UP State Centre organized a Lecture on 'SELF MANAGEMENT BY OBJECTIVES' on January 04, 2015. The Guest Speaker was Prof Akhtar Jameel Ansari, an alumnus of IIT Kharagpur-1974 batch and IIM Calcutta-1976 batch and an Academician and Management Professional. In his presentation Prof Ansari, enumerated the essential virtues for a successful performer. He propounded that to be a Successful Performer, three merits are vital. First and foremost, one should have 'Basic Knowledge and Information' about whatever one is working with. Secondly, one should have the necessary 'Skills & attributes' before one indulges in any activity. Last but not the least, it's the 'Meta-Qualities' of an individual which plays the most important role in his success. What actually constitutes these three ingredients was discussed at length. In the next part of the presentation, the basic components of Career Planning vis-a-vis Life Planning as to how 'Goals' should be set and what 'Techniques' must be adopted for their achievement were discussed. As commitments to Goals are not easy and so the discussion also included the restraining forces and process to overcome those was also touched upon. Subsequently, Laiken's rules for 'Time Management' were dwelt upon. It was propounded that 'Time Organisation' and 'Self Management' are vitally important for reaching the top. Some pearls of wisdom were also thrown to the audience for deliberation and implementation in one's life. The presentation ended with a question and answer session. Earlier Er. A K Gupta, Chairman, Institution of Engineers (India), U.P. State Centre welcomed the guests and also introduced the guest speaker. The meeting concluded with vote of thanks by Er. Praveen Malhotra, Honorary Secretary.

About the Institution

The Institution of Engineers (India) is the largest professional body of Engineers established in 1920. It was granted the Royal Charter in 1935. At present there are 15 Engineering disciplines and one interdisciplinary division in the IEI. It has produced maximum number of Engineers in the core engineering disciplines and has a presence in almost every state through its State and Local centers with over 700000 members in India and abroad with 5 overseas chapters. The Institution of Engineers (India) is the pioneer body to introduce, starting from 1928, non-formal engineering education programme, successful completion of which is recognized as equivalent to a degree in engineering by the Government of India, the Union Public Service Commission, the State Governments and many Public / Private Sector organizations in the country. The Institution of Engineers (India), has its headquarters in Kolkata, India. There are nine Local Centers at Aligarh, Allahabad, Anapara, Agra, Bareilly, Ghaziabad, Kanpur, Meerut and Varanasi within the jurisdiction of U. P. State Centre with a membership of more than 70000 i.e.10% of the total membership of the Institution exists within U.P. State Centre. There is a well established library at U. P. State Centre for all category of members, including technician members, which opens from 4:00 P.M. to 7:00 P.M. on Monday to Saturday except holidays. Guest house facility is also available at the U. P. State Centre and Kanpur Local Centre. One may get more information about U. P. State Centre at centre's website www.ieiup.org.in

IEI Young Engineers Award

With a view to promote the pursuit of excellence in the field of engineering, IEI has instituted 'IEI Young Engineers Award'. The Award consists of a Plaque and a Certificate. The purpose of the Award is to recognize outstanding achievements/contributions made by young engineers in engineering research, excellence in engineering technology development, technology transfer, etc. Any engineer citizen of India not older than 35 years of age as on March 31, 2015 is eligible for the Award. The IEI Young Engineers Award is presented to awardees for all the 15 Engineering Divisions of the IEI during the respective National Conventions. The awardees

attending the National Convention will be provided with free accommodation & their traveling expenses (AC-3Tier train fare by shortest route) will be reimbursed on production of original documents. The Application Pro forma may be downloaded from IEI website (www.ieindia.org). Soft copy of the filled-in application pro forma should be forwarded to technical@ieindia.org by March 31, 2015. Further, six copies of the duly filled application form, along with all supporting documents, endorsed by appropriate authority should be sent to the below mentioned address so as to reach us latest by April 10, 2015: Director (Technical), The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700020. The envelope containing the application should be super- scribed at the top as 'IEI Young Engineers Award 2015-16' and name of the engineering division under which the applicant desires to be considered for the Award.

Members in News



Dr. Bharat Raj Singh, FIE, Director, SMS-IT Campus and former MD, UPRNN received the National award by Confederation of Education Excellence Award-2014 in recognition of his contribution towards active participation of growth of the Institution. He has also received Uttar Pradesh Education summit & Excellence Award-2014 in recognition for his excellence in Education as the best Director.



Er. R N Bhargava, FIE, Chairman and Managing Director, Ecoman Laboratories Pvt. Limited and Ex-Hony. Secretary, UP State Centre of the Institution of Engineers has been conferred LMA Creativity & Innovation Award-2014 in recognition of his contribution in the field of Mining, Management, Environmental & Entrepreneurship acumen.

Report on Lecture- Rejuvenation of The Gomti River

A lecture was delivered in the Institution of Engineers auditorium on 27th Jan'15 by Sri Viswa Nath Khemka on rejuvenation of the Gomti river. He emphasized that the river flow should be clean and continuous and should be regulated so that benefits, goods and services derived from river, may be optimized for the people dependant on the river water for their livelihood. He informed that the Gomti River is spread in 12 districts. Total length of the Gomti is 711 km while its length upto Lucknow is 312 km with a catchment area of 30934 sq. km.

According to Mr. Khemka river rejuvenation program should have to include 3 components-

1. Pollution abatement measures – it is treating at source. He opined that untreated sewage and industrial effluents should not be allowed to fall into the natural drains.

2. Augmentation of flows during lean period- He emphasized the need of immediate attention on Nation River Linking Project (NRLP) for diverting surplus water from rich basin to water short basin which is interstate contentious. On the other hand assessment of environmental flow regime (EFR) at various reach points of the river for normal maintenance year, wet year and dry year estimation by group of experts may also be considered actively.

3. Mass awareness- To change the people mindset about their responsibilities towards cleanliness. He informed that Lok bharti, a social organization with 'Nadi Mitra' organized camps during the last year to give zero budget training to the farmers belonging in the area along the Gomti river line. U.P. Government has directed the district officials to use MANREGA funds in rejuvenating water bodies and construction of check dams. Many other social organizations are also carrying mass awareness program with the hope of 'Aviral evam Nirmal' river flows.

IEI HOMES AWAY FROM HOME

Members desiring to stay in the retiring rooms at various State/Local Centres as well as at Headquarters, may write to Honorary Secretary of the concerned Centres and to SDG respectively for details of tariff and any other query in this regard.

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