



IETSC NEWSLETTER

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From the Chairman's Desk

Dear Fellow Fraternity,

I am happy to inform you that All India Seminar on "Diversity in Handlooms, Textiles, Global Trends in Fashion and Clothing" will be organized by the Telangana State Centre in association with University College of Technology, OU, Hyderabad on 8th and 9th February, 2019.

The diversities in our sub-continental homes in food, language and dress are distinctly visible everywhere in our Country and textile is no exception. Notwithstanding the cultural unity and diversity that the Indian Sub-continent has had from time immemorial, the traditional textile industry has displayed an array of exotic hand woven proving the point beyond doubt the spirit of unity in diversity.

The textile industry as a whole has displayed this diversity in every sphere of its activity. The technological diversity in the mechanized textile industry is also as diverse as the hand woven industry. From hand pinning Khadi industry to highly technological open-end spinning, from loom in the North-East to the sophisticated high speed shuttle-less air jet looms, the field is wide open in diversity. Not only machinery, it has also diverse methods of weaving from throw shuttle to automatic shuttle-less looms, smaller width of fabric ranging from 18 in loom in the Northeast to 120" width fabrics, from hand dyeing to highly skilled auto dyeing, hand designing to CAD

and digital designing and printing, from coarse fabrics to the finest fabrics the seminar will discuss and deliberate the diversity in totality.


Not to leave behind the glamorous fashion textiles, global trends for various markets, colour forecast and trends, use of multi-fibre and development of innovative fibres, fabrics and clothing will be covered in the seminar.

The main objective of the Seminar is to be bringing in the views of the various stake holders of the industry to formulate jointly a common policy to develop an immunity of the system to prevent major crisis of the industry as a whole and to withhold the unavoidable surge. The Seminar will provide a common platform for the Textile Experts, Government Officials, Institutions and professionals to exchange their views on the emerging technologies for the global trends in Fashion and Clothing.

The prospective Textile Experts, the budding Engineers will be able to gain knowledge on various aspects of Textile Industry in general and new economic options available for practical implementation at various levels in particular.

I hope a new way of thinking will emerge during these Two days deliberations. Therefore, I request all the members in general and members connected directly or indirectly in particular to Textile Industry to participate in large numbers in the Seminar.

With regards,


Dr G Rameshwar Rao, FIE
Chairman

Chairman
Dr G Rameshwar Rao, FIE

Hon. Secretary
Er T Anjaiah, FIE

Jt. Hon. Secretaries
Dr G Venkata Subbaiah, FIE
Prof. G Radhakrishna, FIE

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VENUE FOR PROGRAMMES

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The Institution of Engineers (India)
TELANGANA STATE CENTRE

99 years of Relentless journey towards Engineering Advancement for Nation Building



Late Er I Basava Raju, FIE Fourth Endowment Lecture on "India Energy Independence – A Short Overview"



The Chief Guest addressing the gathering

December 30, 2018: The Institution of Engineers (India), Telangana State Centre organized Late Er I Basava Raju, FIE Fourth Endowment Lecture on "India Energy Independence – A Short Overview". The Chief Guest, Er Attaluri Viswanath, Chief-Southern Region, M/s PTC India Limited said that India is the world's third largest economy (by PPP) as well as the third largest energy consumer. India imports substantial portion of its energy through oil, gas and coal. As the Indian economy continues to grow, so will its energy consumption, especially as the growth of its manufacturing sector catches up with services and agriculture. With domestic resource production facing various challenges, the general expectation has been that Indian energy imports will continue to grow, and energy independence & energy security concerns will intensify. Changing India's energy trajectory through the 10 initiatives outlined above will require close inter-ministry coordination, a strong technology ecosystem, catalyzing industry participation and a central energy fund. It's also worth mentioning that in achieving this challenging task the Government, Industry & particularly young Engineers of today need to shift their focus towards serious R&D and Patents generation as one of their goals/ career objectives. The above mentioned strategies & initiatives may make India to not only achieve Energy Independence but at the same time ensure Energy security too with emphasis on low carbon growth.

India's energy demand, which was around

913 mtoe (million tons of oil equivalents) in 2017, is expected to cross 1500 mtoe by 2030 considering a 5% increase per annum. Its dependence on imports is expected to increase from 40 per cent to over 50 per cent, suggesting the need for a new way forward. Primary demand in 2017 stood at 913 mtoe. Of this, about 46 per cent was coal, 24 per cent was liquids, 20 per cent was non-commercial fuel, 5 per cent was gas, and the remainder was a mix of hydro (1%), renewables (3%) and nuclear power (1%). By 2030, demand is going to increase by 70% and there will be a continued fossil fuel focus "Business as usual" (BAU) scenario. In conclusion, Er K Viswanath said that considering the above dynamics, developments & commitments it is challenging for India to not only achieve the key goal of Energy Independence but at the same time ensure Energy security in a low carbon growth regime and provide safe, sustainable, quality & affordable energy to all categories of customers.

Dr G Rameshwar Rao, FIE, Chairman, IEI, TSC presided over the function, **Er T Anjaiah**, FIE, Hon. Secretary, IEI, TSC welcomed the gathering and **Prof C Ramanujacharyulu**, FIE, Member, IEI, TSCC proposed vote of thanks.

Lecture on "Charging Infrastructure for Electrical Vehicle in Urban Areas"

January 25, 2019: Energy Conservation Mission of The Institution of Engineers (India), Telangana State Centre organized a technical lecture on "Charging Infrastructure for Electrical Vehicle in Urban Areas" by Er A.V.L.K. Jagannadha Sarma, Dy. Executive Engineer, APTRANSCO, Vijayawada. The Speaker said that in order to mitigate the Climate change conditions, and

to comply with the commitments made in the International fora on Environmental Protection, Govt. of India is contemplating to bring out a drastic change in the Transportation & Mobility sectors in the Country. The Government of India has already set the deadline to move to electric by 2030. The Government has already announced their intentions to move to alternate fuels or electric cars to cut down emissions and the step will help reduce pollution in the country. In continuation of their initiatives in this direction, the Ministry of Power had launched the National E-Mobility Programme in India. It's objective is to provide an impetus to the entire e-mobility ecosystem including vehicle manufacturers, charging infrastructure, companies, fleet operators, service providers etc. Government of India has set an ambitious target of 100% incremental EV sales by 2030 which is estimated to result in savings on oil imports of \$ 60-70 billion annually.

Earlier, **Er T Anjaiah**, FIE, Hon. Secretary, IEI, TSC welcomed the gathering; **Er R Gopalakrishna**, FIE, Vice Chairman, ECM, IEITSC presided over the function; **Er E Srinivasa Chary**, FIE, Convener, ECM IEITSC proposed vote of thanks.



The Chief Guest receiving the Memento

REPUBLIC DAY CELEBRATIONS - 2019

January 26, 2019: The IEI, TSC Celebrated 70th Republic Day on 26th January, 2019. **Dr G Rameshwar Rao**, FIE, Chairman, IEI, TSC by hoisted the National Flag. On this occasion the Tamil Nadu State Centre, Chairman, **Er R Ramdoss**, FIE participated as a Special Guest. **Er T Anjaiah**, FIE, Hon. Secretary, IEI, TSC; Past Chairmen, **Prof. T**



Flag hoisting by the Chairman, IEI, TSC and other dignitaries presented

Narayana, FIE; **Dr D Hanumantha Chary**, FIE; Jt. Hon. Secretaries; **Prof. G Radhakrishna**, FIE; **Dr G Venkata Subbaiah**, FIE; Committee members; **Prof. C Ramanujacharyulu**, FIE; **Er M Koteswara Rao**, MIE; **Er K Subbi Reddy**, FIE; **Er E Srinivassa Chary**, FIE; **Dr P L Panda**, FIE; **Er Merugu Rajkiran**, AMIE; **Dr. S M Ali**, FIE, Director (Membership), IEI, HQ and other Corporate members & Staff members participated enthusiastically.

Late Er V Subba Rao, FIE Second Endowment Lecture on "Sewerage System in Hyderabad – Challenges before HMWS&SB"

January 26, 2019: The Institution of Engineers (India), Telangana State Centre organized Late Er V Subba Rao, second Endowment Lecture. The Chief guest **Er S Anand Swaroop**, Chief general Manager (Engineering), Revenue Circle, HMWS&SB delivered the Endowment Lecture on "Sewerage



The Chief Guest and other dignitaries lighting the lamp and garlanding the portrait

System in Hyderabad – Challenges before HMWS&SB". The Speaker explained in detail about the sewerage system in Hyderabad city and also explained about different water supply and sanitation projects. The Speaker further explained that the entire sewerage flows to River Musi through various open nalas from South & North parts. To contain such dry weather flows in the nalas and in the Musi River, the Ministry of Environment & Forests, GoI, has approved a project under National River Conservation Plan of NRCD for laying suitable Conveying Mains, construction of Interception & Diversion Structures on Nalas and Sewage Treatment Plants for treatment and disposal of sewage. He explained benefits of the Phase-I and also proposed Phase-II of NRCD Projects. He explained about

sewerage improvements required in GHMC & HMDA areas. In order to provide easy access to the driver of mini jetting machines and also to attend the complaints in speedy manner it is proposed to provide mobile app to the drivers of Mini jetting machines. As the Mobile app is integrated with the complaints module it will show the complaints registered under his jurisdiction. With the help of complaint details the driver will be able to know the route map of the locations where the complaint is pending. After attending the complaint, geo tagged photo graphs will be captured and the complaint is automatically closed in the system. HMWSSB replaced the damaged 1800mm dia trunk sewer (Dup. 'A' main) using CIPP technology without resorting to open cut method. Ms. Geethanjali Andra (top ranking student of M.Tech. in Water Resources from NIT, Warangal) was awarded the Medal & Certificate in memory of Late Er V Subba Rao, FIE, Former CGM, HMWS&SB, Past Hon. Secretary, IEIAPSC. Er R Ramdoss, FIE, Chairman, Tamilnadu State Centre was the special Guest, Past Chairmen, Past Hon. Secretaries, Committee Members, Corporate members, family members of IEI, TSC Late Er V Subba Rao and budding Engineers participated in the Lecture.

Earlier, **Er T Anjaiah**, FIE, Hon. Secretary, IEITSC welcomed the gathering. **Dr G Rameshwar Rao**, FIE, Chairman, IEITSC presided over the function. **Er Padmashree Santha Ram Jonna**, FIE, Member, IEITSC proposed vote of thanks.

KIND ATTENTION OF ALL THE CORPORATE MEMBERS OF IEI, TSC

All Corporate Members are requested to update their latest address, Mobile Number & Email ID and forward the same to: ieitelangansc@gmail.com to incorporate in our mailing list.



APPEAL

All Corporate Members of the IEI are informed that the IEI Telangana State Centre Committee has proposed the construction of New Guest House/Canteen Block in place of existing Old Guest House. In this connection, all the corporate Members, Non Corporate members, Philanthropists and well-wishers are requested to come forward and help the Institution in completing the prestigious project. You may please note that the donations made to IEI are exempted under section 80 (G) (5) (vi) of Income Tax Act 1961. Donors are requested to arrange to send the amounts in the form of Cheque/DD drawn in favour of IEI, Telangana State Centre payable at Hyderabad. The receipt of donations shall be acknowledged and also published in IEI, TSC monthly Newsletter.

FUTURE PROGRAMMES : FEBRUARY - MARCH 2019

Date & Time	Event	Speaker/Chief Guest
04.02.2019 Monday 1730 hrs.	Er M Thirpath Reddy Eighth Endowment Lecture on "Sustainable Development: Learning from Nature"	Dr P G Sastry, FIE Director, Ramkey Group Former Chairman for Clearance of River Valley Projects, Govt. of India Former Director, NIT, Warangal & Former Director General, WALAMTARI
8th & 9th Feb., 2019 Friday & Saturday 1100 hrs.	All India Seminar on "Diversity in Handlooms, Textiles, Global Trends in Fashion and Clothing"	
01.03.2019 Friday 1730 hrs.	Dr J Purushottam Fourteenth Endowment Lecture	
15th & 16th March, 2019 Friday & Saturday	All India Seminar on "Impact of Recent Policies on Mineral Industries"	
19th & 20th March, 2019 Tue. & Wed.	All India Seminar on "Clean Water and Sanitation"	
28th & 29th March, 2019 Thu & Fri	All India Seminar on "United Nations Sustainable Development Goals Under Goal 14 Covers Conserve and Use the Ocean and Seas for Sustainable Development"	

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