



# IETSC NEWSLETTER

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## From the Chairman's Desk

Dear Fellow fraternity,

Women are said to be the real architects of the society. Women play vital role in the society through their contribution to productive activities and their role as social educators, family caretakers and good leaders. Women need to be empowered to achieve full potential in their career and leadership role.

Social and Economic growth of any nation has never been at desirable level without active participation of women. Women empowerment strengthens socio economic development of a nation.

The theme "Women in Leadership: Achieving an Equal Future in a COVID-19 World" of this year celebrates the tremendous efforts by women and girls around the world in shaping a more equal future and recovery from COVID-19 pandemic. It is also aligned with the priority theme of the 65th session of the commission of status of women, "Women's full and effective participation and decision-making in public life, as well as achieving gender equality and empowerment of all women & girls, which calls for women's & girls, and also calls

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## From Hon. Secretary's Desk

Dear Friends,

The first Prime Minister of our Country late Pt. Jawaharlal Nehru some time back described large multipurpose dams as 'modern temples' of great significance. Indeed, they were the life lines of the nation, literally. During his times large scale multipurpose dams were constructed, Nagarjuna Sagar, Hirakud, Bhakra Nangal were some of the great

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## BEST STATE CENTRE AWARD



The HQ of the IEI has adjudged the Telangana State Centre as BEST STATE CENTRE for the best all-round performance for the year 2019-2020. This is a great achievement and an honour bestowed on the Telangana State Centre out of the 125 Centres throughout the Country. Our beloved President of IEI Er Narendra Singh, FIE presented prestigious award and received by Dr G Rameshwar Rao, FIE, Chairman, IETSC at the 101st Annual General Meeting of IEI held on 28th February, 2021 at IEI Uttarakhand State Centre, Dehradun. The Telangana State Centre achieved this honour for the second time and 12th Time in combined Andhra Pradesh State Centre. This coveted achievement could not have been possible without the unflinching co-operation and support from all the Past Presidents, Chairmen of IEI from TSC, Council Members, State Centre Committee Members, All Corporate Members and Conveners of the various Technical events conducted by IEI Telangana State Centre. ECM Members attached to this Centre, Staff of IEI, TSC and all the Past Office Bearers who rendered the guidance in organizing various activities.

**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**

**Prof. (Dr) B Ramana Naik, FIE**  
**Er M Aruna, MIE**

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**Dr G Chandra Mohan Reddy, FIE** **Dr A Gangagni Rao, FIE**  
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**VENUE FOR PROGRAMMES**

"Visvesvaraya Bhavan" Khairatabad, Hyderabad - 500 004. Ph : 040-2331 4969  
E-mail : telanganasc@ieindia.org | ieitelanganasc@gmail.com | Website : www.ieitsc.org.in



**The Institution of Engineers (India)**  
**TELANGANA STATE CENTRE**  
*A Century of Service to the Nation*



### From the Chairman's Desk

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for women's right to decision making in all areas of life."

Women stand at the front lines of the COVID-19 crises as health care workers, care givers, innovators, community organisers and as some of the most exemplary and effective national leaders in combating the pandemic.

Women leaders and Women organisations have demonstrated their skills, knowledge and networks to effectively lead in COVID-19 response and recovery efforts.

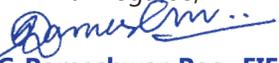
Majority of the countries that have been more successful in streaming the tide of the COVID-19 pandemic and responding to its health and broader socio-economic impacts are headed by women.

A recent study that looked at the performance of 194 countries in their fight against COVID-19 found that women-led countries were generally more successful in fighting the pandemic than those led by men. However, it's worth noting that there was already a balanced representation of both sexes in the countries' key roles of power and influence, suggesting that leadership environments with gender parity lead to healthier, stronger and more consensual decisions.

Now we have women actively existing and participating in every field sacred, powerful, multi-tasking, leader, and above all role model is just not enough to describe women. They play a major role in the overall development of the society. So women are builders of Nation's destiny. To uphold women's rights and fully leverage the potential of women's leadership in pandemic preparedness and response, the perspectives of women and girls in all their diversity must be integrated in the formulation and implementation of policies and programmes in all spheres and at all stages of pandemic response and recovery.

Hence, Women leadership and empowerment is an important ingredient in achieving an equitable, peaceful, harmonious and prosperous society and as such is the importance of women being celebrated International Women's Day on 8th March every year.

With regards,

  
**Dr G Rameshwar Rao, FIE**  
Chairman

monuments to mention a few. Apart from other benefits these dams served as major irrigation projects which helped in making the country not only self-sufficient in food grains but also were instrumental in making the green revolution of the country a great success.

Needless to say, it is only because of the hard work, dedication and devotion to their duties combined with a strong commitment, the engineers completed the task and came out in flying colours.

A recent UN report states that about 1000 dams of India will be roughly 50 years old by 2025 and such aging structures not only in India but world over will pose a growing threat. And by 2050 most people on earth will live down stream of tens of thousands of dams built in the 20th century. The report titled "Ageing water infrastructure: An emerging global risk" and compiled by United University's Canadian - based institute for Water, Environment and Health highlights the risk involved due to ageing of dams which include increasing cases of dam failures, progressively increasing costs of dam repair and maintenance, increasing reservoir sedimentation and loss of dam's functionality and effectiveness among others.

The analysis in the report includes dam decommissioning or ageing case studies from different countries world over and take effective steps early so as to avoid grave danger in future.

The report also says that most of the large dams worldwide were constructed between 1930 and 1970 with a design life of 50 to 100 years.

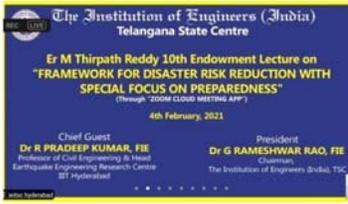
Hence, the country in general and the engineers in particular think about the ensuing danger and not only create awareness for taking early effective steps but also undertaking planning and execution of effective steps as thousands of people live down the dam site and it may adversely affect them in case of any eventuality. God forbid, such things should not be allowed to happen.

Wishing you, once again, great time ahead.

  
**(Er T Anjaiah, FIE)**  
Hon. Secretary

### Er M Thirpath Reddy 10th Endowment Lecture on "FRAMEWORK FOR DISASTER RISK REDUCTION WITH SPECIAL FOCUS ON PREPAREDNESS"

**February 04, 2021:** IEI, Telangana State Centre organized Er M Thirpath Reddy 10<sup>th</sup> Endowment Lecture on "FRAMEWORK FOR DISASTER RISK REDUCTION WITH SPECIAL FOCUS ON PREPAREDNESS" held on 4<sup>th</sup> February, 2021 at 1730hrs. **Dr R Pradeep Kumar**, FIE, Professor of Civil Engineering & Head, Earthquake Engineering Research Centre IIIT Hyderabad graced the occasion as Chief Guest and delivered the above lecture. During the occasion the Chief Guest said that the Framework for Disaster Risk Reduction was adopted by Third UN World Conference on Disaster Risk Reduction in Sendai, Japan in 2015. This framework will be in force till 2030. Framework has 4 action priorities viz., 1. Understanding risk, 2. Strengthening risk governance, 3. Investing in resilience and 4. Enhancing preparedness. More than 50% of area in two telugu



## Renovation of Guest House of IEI, TSC DONORS

The Telangana State Centre Committee of the Institution of Engineers (India) acknowledges with thanks the following Senior Corporate Members of IEI for their spontaneous contribution to the IEI, TSC for renovation of Guest House.



**Er P RAVI KUMAR, FIE,**  
Director (Technical), HMWSSB  
**Rs. 1.00 lakhs**



**Er K SUBBI REDDY, FIE**  
Member, IEI, TSCC  
**Rs. 25,000/-**

states is prone to one or more disasters. Already it has witnessed several disasters in last few decades.

**Dr G Rameshwar Rao**, FIE, Chairman, IEI, TSC welcomed the gathering and presided over the function. **Er Jambul Reddy**, FIE, Member, IEI, TSCC & Convener introduced the profile of Chief Guest & Speaker and **Prof G Radhakrishna**, FIE, Jt. Hon. Secretary, IEI, TSC proposed vote of thanks.

## IMPORTANT NOTICE: UPDATION OF MAIL ID AND MOBILE NUMBERS

It has been observed that there are many Corporate Members of IEI whose mobile number/email id is not registered with IEI till date. Non availability of the mobile numbers and email ids precludes us not only from providing our full range of services but also from participation in the Online Election Process.

The Corporate Members whose mobile number/email id is not registered with IEI are therefore requested to kindly communicate their mobile no. and email id along with membership number to [datamembership@ieindia.org](mailto:datamembership@ieindia.org) and copy marked to [telanganasc@ieindia.org](mailto:telanganasc@ieindia.org).

## OBITUARY



**Er M Thirpath Reddy, FIE**, February 04, 1927 - February 10, 2021

**Er M Thirpath Reddy, FIE** one of the Senior Corporate members passed away on Wednesday, February 10, 2021. He was born on February 4, 1927 in Warangal District. He obtained degree in Civil Engineering from Osmania Engineering College, Hyderabad in 1952. After graduation, Sri Thirpath Reddy joined Hyderabad State PWD and was posted to Tungabhadra project where he served till Jan. 1956. Thereafter he worked in Nagarjunasagar Dam Designs Unit till Feb. 1958. While working, he was deputed to CWPC (now CWC) for preparation of specifications for Nagarjunasagar Dam. He was responsible for completion of the prestigious Peddavagu Aqueduct of Sri Ramasagar Project from 1968 to 1972. Er M Thirpath Reddy who served long years in State Irrigation Department engaged in major irrigation Dams execution in erstwhile A.P and associated with Engineering, infrastructure marvels as director of SEW Infrastructure Ltd., at the age of 90 plus inspiring all of us. In pursuance of his desire, the erstwhile Andhra Pradesh State Centre

Committee at its 5th meeting held on 21st March, 2011, unanimously resolved to organize an Endowment Lecture in honour of Er M Thirpath Reddy on 4th February, every year.

**MAY HIS SOUL REST IN PEACE**



## APPEAL

The Telangana State Centre of IEI is having 19 Guest Rooms to provide accommodation to the Corporate Members of IEI and also officials from various organizations whenever they needed. But the present Guest Rooms are about 30 years old and unable to cater to the present needs both from ambience as well as aesthetics. To meet the present and future requirements, it is proposed to renovate the Guest House by providing all amenities.

In view of the above, it is requested that all the Corporate Members of IEI/ Well Wishers/ Industries / Organizations to donate generously to enable us to complete the task.

All Donors are exempted from the Income Tax U/S/80 G (5) (vi) Act, 1961 vide Certificate of Exemption No. DIT (E) /587/8E/ 21/06-07, dated 17.09.2009 and also Donors name will be published in the monthly Newsletter of IEI, TSC as a mark of gratitude.

The payment may be made through A/C payee cheque / RTGS / NEFT as per the Bank details is given below:

Name of the Beneficiary: The Institution of Engineers (India), Telangana State Centre  
 Name of the Bank & Branch: State Bank of India, Raj Bhavan Road  
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**Dr G Rameshwar Rao, FIE**  
 Chairman

  
**Er T Anjaiah, FIE**  
 Hon.Secretary

## FUTURE PROGRAMMES : FEBRUARY 2021

Date & Time	Event	Chief Guest/Speaker
01.03.2021	Dr J Purushottam 16th Endowment Lecture on "Role of Climate Extremes in Water Policies And issues"	<b>Er S NARASIMHA RAO, FIE</b> Chief Engineer (Retd.) IS&WR, I&CAD Dept., Govt. of Telangana
04.03.2021	National Safety Day - Theme: "Safe Yourself to Save Your Family"	<b>Er RAM NIWAS RAJPOOT, FIE</b> Chairman, BOG - Safety & Quality Forum, IEI
04.03.2021	World Engineering Day for Sustainable Development Theme: "Engineering for A Healthy Planet: Celebrating the UNESCO Engineering Report"	<b>Er NARENDRA SINGH, FIE</b> President, The Institution of Engineers (India)
08.03.2021	International Women's Day - Theme: "Women in Leadership: Achieving an Equal Future in a COVID-19 World"	
22.03.2021	World Water Day - Theme: "Valuing Water"	

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