



IETSC NEWSLETTER

Vol. I

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28-29, September 2017

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From the Chairman's Desk

Hyderabad was built by Mohammed Quli along the banks of the river Musi, a region occasionally subject to rainstorms of extreme violence. It was on September 28, 1908 that a raging Musi river wiped out the human settlements, washed away houses and other structures along its course in the city. The river rose to about 15 to 20 feet

high in the inhabited area on both the sides drowning the houses and property for an averaged width of half a mile. The flood razed over 80,000 houses, making a fourth of the population homeless. It completely destroyed the Nizam Hospital, burying the patients. It washed away the Afzal, Mussallam Jung and Chaderghat bridges, all built in the 1860s leaving a trail of death and destruction behind. The then ruler, the Sixth Nizam Mir Mahabub Ali Khan tackled the disaster by remaining among the people and throwing the doors of his palace open for the people so that nobody goes hungry. On the advice of the court astrologer Jhumar Lal Tiwari, Mahbub Ali Pasha made an offering to the raging Musi to appease it. He wore a dhoti like a Brahmin while making the offer to appease the river.

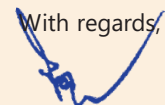
This historic deluge resulted in the development of the twin cities to withstand this kind of natural furies. **Syed Azam Hussaini** submitted his report on 1st October 1909, with recommendations on preventing a recurrence of floods and improving civic amenities. The Seventh Nizam, **Mir Osman Ali Khan**, constituted a City Improvement Trust in 1912. Sir Visvesvaraya's services were requested by the Nizam's government in the construction of a flood protection system and a drainage system for the city. A dam was built under noted engineer Nawab **Ali Nawaz Jung Bahadur** in 1920 across the river, ten miles upstream from the city, called **Osman Sagar**. In 1927, another reservoir was built on Esi (tributary of Musi) and named **Himayat Sagar**. These lakes prevent the flooding of the River Musi and are major drinking water sources for Hyderabad city. Even today the city gets heavy to very heavy rains and many areas of the city get flooded. The last such episode was witnessed in August 2000 and now 16 years later the same story was repeated as the experts and officials attributed the stagnation of water to massive encroachments and illegal

constructions on the lake beds and the course of the storm water drains. As the Musi river remains dry, the planners and the policy makers have encouraged the construction of buildings and various state projects on its bed reducing its width.

Mahatma Gandhi Bus Station, proudly referred to as Asia's biggest by the official is one glaring example of the havoc played with the water bodies in the name of development by successive governments. The bus station was built on an island in the middle of the river. Later a park and a garbage dump also came up to give company to the bus station. As if this was not enough, a Metro Rail station is being built over the river and many pillars have also been erected over which the railway line has been laid. It is clear the policy makers and planners have refused to learn any lesson despite paying heavy price for playing havoc with the city's environment. Hyderabad's integrated urban flood management system is not good. With a road network of around 9,000 km, it has only 390 km of storm water drains. This means more than 80 per cent of the twin cities area has no channel for rain water to drain off.

The existing storm water drain (SWD) system is capable of handling rainfall of up to just 20mm per hour. Since 2008, no new SWDs have been constructed even after 12 adjoining municipalities merging with the Municipal Corporation of Hyderabad (MCH). The SWDs constructed by the gram panchayat in these municipalities have been turned into sewerage channels, due to absence of sewer network. In the peripheral belts of Kapra, Qutbullapur, Kukatpally, Uppal, and LB Nagar, clusters of new property tax paying colonies have sprung up, that face a flood like situation due to no storm water drain system.

In view of the alarming problem in the management of storm water of Hyderabad, the Institution of Engineers (India), Telangana State Center has organized a Round Table Conference on 1st September 2017 and invited experts on the subject from various departments. The outcome of the deliberations are compiled and forwarded to the concerned authorities.



Dr S Satyanarayana, FIE
Chairman

CONGRATULATIONS TO PRESIDENT-ELECT, IEI



Er Sisir Kumar Benerjee FIE has been elected as the President of the IEI for the Session 2017-2018 at the 698th Council Meeting held at Shimla on 23rd September, 2017. The President-Elect will assume office during ensuring Indian Engineering Congress to be held in Chennai in December 18-20, 2017. We wish to convey best wishes on behalf of Telangana State Centre Committee and its corporate members to the President Elect. Pray for all success during his tenure and the IEI excel its commitment to the engineering fraternity as a whole.

Chairman
Dr S Satyanarayana, FIE

Hon. Secretary
Er G Rameshwar Rao, FIE

Jt. Hon. Secretaries:
Dr G Shravan Kumar, FIE
Er S P Anchuri, MIE

Editorial Board :
Dr G Shravan Kumar, FIE
Dr A Jagannadha Reddy, FIE

VENUE FOR PROGRAMMES

"Visvesvaraya Bhavan" Khairatabad, Hyderabad - 500 004. Ph : 040-2331 4969
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The Institution of Engineers (India)
TELANGANA STATE CENTRE

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



Round Table Conference on "Management of Storm Water in GHMC Area"



A View on Round Table Conference.

September 1, 2017: The Institution of Engineers (India), Telangana State Centre has organized Round Table Conference on "Management of Storm Water in GHMC Area" in light of frequent inundation of certain areas of GHMC during rainy season.

Dr S Satyanarayana, FIE, Chairman, IEI, TSC was the Moderator on this occasion. He said that efficient management of Storm Water is required to mitigate floods and its ill effects in the city, causing inconvenience to the people in low lying areas. Dr D M Mohan, world Bank Consultant summing up the Round Table Conference proceedings said that GHMC has to improve maintenance of storm water drainage networks by deploying mechanized desilting of storm drains and bar dumping of solid waste into the drains. The State Government has to constitute a flood control authority for the city for preparation and implementation of risk mitigation measures. Er P Satyanarayana, Retd. Chief Engineer, MCH, Prof. Gopal Nayak, Professor, Osmania University, Dr I Satyanarayana Raju, Imm. Past Chairman, IEI, TSC and Former Chief Engineer, Irrigation Dept. also expressed their views on this occasion. Earlier, Er G Rameshwar Rao, FIE, Hon. Secretary, IEI, TSC has welcomed the audience and Er D Hanumantha Chary, FIE, Past Chairman, IEI, APSC proposed vote of thanks.

Er Maturi Gopal Rao Twentieth Endowment Lecture on "Urban Mobility"

September 8, 2017: Dr S Nagabhushana Rao, FIE, Past Chairman, IEI and Former Director General, Engineering Staff College of India, Hyderabad delivered Er Maturi Gopal Rao Twentieth Endowment Lecture on "Urban Mobility" on 8th September, 2017 at Matrusri Engineering College, Hyderabad. Duly paying rich tributes to Er. Maturi Gopal Rao, he highlighted the problems being faced by the urban commuters due to complex mobility problems in urban areas.

The roof cause of Urban Mobility problems are:

- (i) Land use allocations and regulation
- (ii) Traffic demand estimation and
- (iii) Transportation Planning

In many of the urban areas the present practice is to mix up the land use for residential areas, commercial and Industrial purpose. The basic theory of transportation planning is the interface between the land use and transportation. Dr Rao has demonstrated a simple example of travel demand estimation in terms of the trip productions, attractions, trip distributions, Mode split and route assignments. This process gives rise to understanding travel pattern in the urban areas. The gap between short supply of infrastructure and high

TEACHERS' DAY CELEBRATIONS

September 6, 2017: The Institution of Engineers (India), Telangana State Centre, Hyderabad organized Teachers' Day celebrations. Prof. S Ramachandram, Vice Chancellor, Osmania University, Hyderabad had graced the Teachers' Day Celebrations as Chief Guest and paid homage to the Great Teacher, Scholar Dr Sarvepalli Radhakrishnan, Past President India on the eve of his birthday. Addressing the gathering as Chief Guest Prof. S.Ramachandram, Vice Chancellor, Osmania University has said that the engineering education is in the critical stage in the country due to the fact that 80% of the graduates coming out of the engineering colleges are unemployable, due to the deterioration in the quality of education standards. Hence the teachers have a greater role to play in enhancing quality of education. The teachers should not limit themselves to the four walls of the classroom, black board and continue interaction with the students beyond class room and beyond syllabi for skill development to become future builders of this great Nation.



The Chief Guest, Prof S Ramachandram lighting the Lamp

On this occasion, Institution of Engineers has felicitated **Dr A Venugopal Reddy**, Vice Chancellor of JNTU, Hyderabad, an eminent engineering teacher for his contribution as a teacher nurturing and developing the Computer Science Engineering, Osmania University. In response to the felicitation, **Dr A Venugopal Reddy** said that the engineers should become role models and continuously enhance their skills and contribute to alleviate the poverty-hunger in society and use knowledge for the techno-economic growth of the country. He said that he always felt proud for serving as a teacher for 37 years commencing his teaching career a lecturer in JNTUH in 1980, feeling it as his fortune.

The Chairman, Dr S Satyanarayana, FIE the Institution of Engineers (India), Telangana State Centre, Hyderabad presided over the function and said that the quality of engineering education has deteriorated and AICTE is contemplating to close about 800 engineering college during current year. Therefore, every engineer must contribute for enhanced quality of engineering education duly rising with time. Earlier, Er G Rameshwar Rao, FIE, Hon. Secretary, IEI, TSC welcomed the gathering. Dr S Nagabhushana Rao, FIE, Past Chairman, IEI, APSC presented life profile of Dr Sarvepalli Radhakrishnan. Er S P Anchuri, MIE, Jt. Hon. Secretary, IEI, TSC proposed vote of thanks.



The Chief Guest, Dr S Nagabhushana Rao lighting the lamp



The Institution of Engineers (India)

TELANGANA STATE CENTRE

"Visvesvaraya Bhavan", Khairatabad, Hyderabad – 500 004

NL/583

Date : 03.10.2017

NOTICE

Notice is hereby given to all the Corporate Members of the Telangana State Centre that the Business Session of the 3rd Annual General Meeting of the Telangana State Centre will be held on Tuesday the 31st October, 2017 at 4.30 p.m. at Visvesvaraya Bhavan, Khairatabad, Hyderabad – 500 004.

All Corporate Members are requested to make it convenient to attend the Business Session.

Agenda for the Business Session and Reports are appended to this Notice.

1. To pass condolence resolution on the demise of the following Corporate Members.

| | | | |
|-----|----------------------------|----------------|------------|
| 1. | Dr C Sriram, FIE | F. 100081-7-AG | 26.05.2016 |
| 2. | Er S V Pattabhi Ram, FIE | F.011335-CV | 05.10.2016 |
| 3. | Smt. Ambuja Deshpande, MIE | M.055860-5-AR | 31.10.2016 |
| 4. | Er I Basava Raju, FIE | F. 002885-8-EL | 05.12.2016 |
| 5. | Er V Rama Rao, FIE | F.013281-7-EL | 14.12.2016 |
| 6. | Er T Hanumantha Rao, FIE | F.4693-7-CV | 08.01.2017 |
| 7. | Er V Subba Rao, FIE | F.014315-EN | 06.02.2017 |
| 8. | Er K K Sinha, FIE | F.9150-MM | 16.03.2017 |
| 9. | Er R Vidyasagar Rao, FIE | F.119377-1-CV | 29.04.2017 |
| 10. | Er N T Simhachalam, FIE | F. 005555-3-EN | Long Back |
| 11. | Er P Viswanadham, MIE | M. 019960-5-CV | Long Back |
| 12. | Er R S N Murthy, FIE | F. 003096-8-CV | 12.9.2017 |

2. To confirm the Minutes of the 2nd Annual General Meeting held on 31st October, 2016 (Appendix - A)

3. To approve the Annual Report (Appendix-B) and Audited Balance Sheet, Income and Expenditure Accounts etc (Appendix-C) for the year ending 31st March, 2017.

4. To appoint Auditors for the year 2017-2018 and fix their remuneration.

5. Any other permissible business (matters of Technical interest only)

Sd/-
(G Rameshwar Rao)
Hon. Secretary

NB: If any further information is required with regard to Audited Accounts and Report, PLEASE GIVE 48 HOURS TIME IN ADVANCE, TO ENABLE US TO GIVE SUITABLE REPLIES / CLARIFICATIONS / INFORMATION.

NB: Kindly visit IEI, Telangana State Centre website: www.ieitsc.org to see the Appendix 'A', Appendix 'B', and Appendix 'C'.

The Institution of Engineers (India)

TELANGANA STATE CENTRE

"Visvesvaraya Bhavan", Khairatabad, Hyderabad – 500 004

Minutes of the 2nd Annual General Meeting of the Telangana State Centre of the Institution of Engineers (India) held on October 31, 2016 at 1630 hrs at Visvesvaraya Bhavan, Khairatabad, Hyderabad - 500 004.

PRESENT:

1. Dr I Satyanarayana Raju, FIE, Chairman (in the Chair)
2. Er G Rameswar Rao, FIE, Hon. Secretary
3. Shri V Malleswara Rao (on behalf of M/s Kalpana and Company, Chartered Accountant) and 102 Corporate Members of the Telangana State Centre as per the Register of Attendance.

1. To pass condolence Resolution on the demise of the following Corporate Members.

The Chairman regretfully informed about the sad demise of the following Corporate Members of the Telangana State Centre of the Institution of Engineers (India) and requested the members to observe one minute's silence in honour of the departed souls.

- i. Prof. B Kotiveerachari, FIE F. 013751-7-PR -31.05.2016
- ii. Dr A Kamasundara Rao, FIE F.103910-1-CV -25.07.2016

The Corporate members present at the Annual General Meeting observed silence for one minute and paid homage to the departed souls and adopted the following Resolution:

"Members of the Institution of Engineers (India), Telangana State Centre learned with profound shock the demise of the following Corporate Members:

- i. Prof. B Kotiveerachari, FIE F. 013751-7-PR -31.05.2016
- ii. Dr A Kamasundara Rao, FIE F.103910-1-CV -25.07.2016

and convey their deep sense of sorrow and heart-felt condolences to the members of the bereaved families. The Members placed on record their appreciation for the valuable contribution made by the above Corporate Members towards furtherance of the objectives of the Institution of Engineers (India)".

2. To confirm the Minutes of the Business of the First Annual General Meeting held on 28th August, 2016.

The Minutes of the Business Session of the 2nd Annual General Meeting held on 28th August, 2016 have already been circulated earlier. This was taken as read at the Second Annual General Meeting.

Dr S Nagabhushana Rao, FIE, Past Chairman, IEI erstwhile APSC; Er G Sudhakar, FIE, Council Member, IEI and Er D Hanumantha Chary, FIE, Past Chairman, IEI, erstwhile APSC proposed the Minutes of the Business Session of the First General Meeting held on 28th August, 2016 be confirmed. The same was seconded by Dr P L Panda, FIE, Member, IEI, TSCC and Prof. G Radhakrishna, FIE.

The Minutes were confirmed unanimously.

Before approving the Annual Report and Audited Balance Sheet, Income and Expenditure Accounts for the year ending 31st March, 2016, the Hon. Secretary, Er G Rameshwar Rao, FIE



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read out the activities conducted since last meeting of the AGM for information of the members.

The Chairman conveyed thanks to the Past Presidents of IEI, Past Chairmen, Members of the Telangana State Centre Committee, Corporate Members, Staff of IEI and particularly to the Veterans for their whole hearted support and valuable guidance a good number of the events were conducted in a befitting manner.

The Chairman also informed the House that the Telangana State Centre is making best efforts in the cause of Energy Conservation by ECM under the aegis of IEI, the then A P State Centre which was established in December, 2003, the first of its kind in the country.

- 3. To approve the Annual Report (Appendix-B) and Audited Balance Sheet Income and Expenditure Accounts etc (Appendix – C) for the year ending 31st March, 2016.

The Chairman informed that the copies of the Annual Report and Audited Balance Sheet, Income and Expenditure Statement of Telangana State Centre for the year ending 31st March, 2016 were already circulated along with the Agenda paper. This was taken as read by the members of the House at the Annual General Meeting.

Wg. Cdr V L Nanda Kumar, FIE, Past Chairman, IEI, APSC and Er G Sudhakar, FIE, Council Member, IEI, proposed the Annual Report and Audited Accounts for the year ending 31st March, 2016 be approved. This was seconded by Er Nuli Namassivaya, AMIE and Er K Ramamohan, FIE.

There after the General Body unanimously approved the Annual Report, Audited Balance Sheet, Income and Expenditure account of Telangana State Centre for the year ending 31st March, 2016.

- 4. To appoint Auditors for the year 2016-2017 and fix their remuneration.

The Hon. Secretary brought to the notice of the General Body that M/s Kalpana and Company, Chartered Accountants were Auditors for the year 2015-2016 with a remuneration of Rs. 14,300/- per annum. The Hon. Secretary further informed to the General Body that the monthly Internal Audit was being conducted at a nominal remuneration of Rs. 1300/- per month. It is also brought to the notice of the General Body that the present Auditor's performance is satisfactory and it is proposed to continue the same Auditor for which the Auditors have conveyed their consent to audit the accounts at the same rate prevailing during 2016-2017 also.

Wg. Cdr V L Nanda Kumar, FIE and Er G Sudhakar, FIE proposed to continue the same auditors, M/s Kalpana and Company, Chartered Accountants as the Auditors of Telangana State Centre for the financial year 2016-2017 and also proposed to continue the payments of the same amounts towards yearly Audit and Monthly Internal Audit as approved during last First Annual General Body Meeting. This was seconded by Er K Subbi Reddy, FIE and Er V Srinivasa Babu, MIE.

The General Body unanimously accorded approval for the above proposals.

- 5. To report on Election of Members to the Telangana State Centre Committee (Division wise) for the sessions 2016-2017 and 2017-2018 and Election of One Corporate Member to the Council from Telangana State Centre for the Sessions 2016-2017 to 2019-2020.

The Chairman informed the General Body that as desired by the Headquarters of IEI vide their letter dated 4th May, 2016 and as per the provisions of Regulations, the Telangana State Centre Committee appointed the Board of Scrutineers for conducting Election of Corporate members (Divisionwise) to the Committee of Telangana State Centre for the Sessions 2016-2017 and 2017-2018 and Election of One Corporate Member to the Council from Telangana State Centre for the Sessions 2016-2017 to 2019-2020 with the following Board of Scrutineers:

- | | |
|------------------------------|----------|
| 1. Er G L Rao, FIE | Convener |
| 2. Er B Chandra Sheker, FIE | Member |
| 3. Er R Gopala Krishna, FIE | Member |
| 4. Er T S D Raghava Rao, FIE | Member |
| 5. Er M Gopal Rao, FIE | Member |

The Chairman, Dr I SatyanarayanaRaju, FIE informed that the Board of Scrutineers had put in their best efforts and conducted the election of Corporate Members (Divisionwise) to the Telangana State Centre Committee for the sessions 2016-2017 and 2017-2018 and One Corporate member to the Council from Telangana State Centre for the sessions 2016-2017 to 2019-2020 and conveyed thanks for conducting the elections in a smooth and effective manner.

The Chairman, Dr I SatyanarayanaRaju, FIE announced that the Telangana State Centre Committee at its meeting held on 4th June, 2016 has elected the following as Chairman and Hon. Secretary for the sessions 2016-2017 and 2017-2018 to shoulder the onerous responsibility of their duties and keeping the high traditions set-in by their predecessors:

- | | |
|----------------|--------------------------------|
| Chairman: | Dr S Satyanarayana, FIE |
| Hon. Secretary | Er G Rameshwar Rao, FIE |

The Hon. Secretary further had announced that Er G Sudhakar, FIE is elected to the Council from the Telangana State Centre for the Sessions 2016-2017 to 2019-2020.

The Hon. Secretary further also announced that the following Corporate Members are declared elected since only one nomination was received as per the required provisions:

- | | | |
|--|-----|--|
| Aerospace Engineering Division | (1) | Dr R Krishna Murthy, FIE |
| Agricultural Engineering Division | (1) | Ms. Y Kranthisameera, MIE |
| Architectural Engineering Division | (1) | Er S P Anchuri, MIE |
| Chemical Engineering Division | (1) | Er G K Anand, FIE |
| Computer Engineering Division | (1) | Er R Srinivasarao, FIE |
| Environmental Engg. Division | (1) | Er A Prabhakar, FIE |
| Electrical Engineering Division | (2) | Er Tayi Krishna Rao, FIE Prof C Ramanujacharyulu, FIE |
| Mining Engineering Division | (1) | Er V Srinivasa Rao, FIE |
| Production Engineering Division | (1) | Dr A Jagannadha Reddy, FIE |
| Metallurgy and Material Science Engineering Division | (1) | Er M Koteswararao, MIE |
| Textile Engineering Division | (1) | Dr P L Panda, FIE |

The Following Corporate Members are Declared Elected after due Election:

- | | | |
|----------------------------|-----|---|
| Civil Engineering Division | (3) | Dr G Shravan Kumar, FIE Er B Anantaramloo, FIE Er M Shyam Prasad Reddy, MIE |
|----------------------------|-----|---|



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Mechanical Engineering Division (2) Dr G Venkata Subbaiah, FIE
Er T Anjaiah, FIE

Electronics and Telecommunication Engineering Division (2) Prof. G Radhakrishna, FIE
Dr K V N S V P L Narasimham, FIE

With regard to Marine Engineering Division, no nomination has been received as such these vacancy can be filled up by co-opting a member of the Telangana State Centre Committee.

Marine Engineering Division (1) ONE

The Chairman proposed to place on record the appreciation of General Body for the onerous task undertaken by Board of Scrutiniers in the smooth conduct of elections.

The General Body unanimously adopted the following Resolution:

RESOLUTION:

"The General Body places on record their appreciation to the Board of Scrutineers for the smooth conduct of elections to the Telangana State Centre Committee (Division wise) for the Sessions 2016-2017 and 2017-2018 and one Corporate Member to the Council from Telangana State Centre for the Sessions 2016-2017 to 2019-2020".

6. ANY OTHER PERMISSIBLE BUSINESS (on technical related matters)

Since there were no other items raised by the members, the Chairman conveyed deep sense of appreciation and thanks for successful conduct of the AGM.

Sd.-
(Dr I Satyanarayana Raju)
Chairman

Sd/-
(G RameshwarRao)
Hon. Secretary

ANNUAL REPORT FOR THE YEAR ENDED 31ST MARCH, 2017

1. The Telangana State Centre has great pleasure in presenting the Annual Report for the year 2016-2017

2. The Members of the Telangana State Centre Committee for the year 2016-2017:

2.1 OFFICE BEARERS:

Dr Satyanarayana S, FIE Chairman
Er Rameshwar Rao G, FIE Hon. Secretary

2.2 MEMBERS:

Dr Krishna Murthy R, FIE Aerospace Engineering Division
Er Kranthi Sameera Y, MIE Agricultural Engineering Division (upto Feb.2017)
Er Ananta Ramlo B, FIE Civil Engineering Division
Dr Shravan Kumar G, FIE Civil Engineering Division
Er Shyam Prasad Reddy M, MIE Civil Engineering Division
Er Anand G K, FIE Chemical Engineering Division
Er Srinivasa Rao R, FIE Computer Engineering Division
Er Krishna Rao Tayi, FIE Electrical Engineering Division
Prof. Ramanujacharyulu C, FIE Electrical Engineering Division
Er Prabhakar A, FIE Environmental Engg. Division
Prof Radhakrishna G, FIE Electronics and Telecommunication Engineering Division
Dr Narasimham, KVNSVPL, FIE Electronics and Telecommunication Engineering Division
Dr Venkata Subbaiah G, FIE Mechanical Engg. Division

Er Anjaiah T, FIE Mechanical Engg Division
Er Koteswara Rao M, MIE Metallurgy & Material Science Engineering Division
Er Srinivasa Rao V, FIE Mining Engineering Division
Dr Jagannadha Reddy A, FIE Production Engg. Division
Dr Panda P L, FIE Textile Engineering Division

2.3 MEMBERS ELECTED TO THE COUNCIL:

Er G Sudhakar, FIE (elected from Telangana State)
Er B Brahma Reddy, FIE (elected to the Council from Electronics and Telecommunication Engg. Division)

2.4 EX-OFFICIO MEMBERS:

Er Sudhakar G, FIE Council Member, IEI
Er Brahma Reddy B, FIE Council Member, IEI
Dr Venkata Ramayya M S, FIE Chairman, Ramagundam Local Centre
Er Viswanath J, FIE Chairman, Warangal Local Centre

3.0 SUB-COMMITTEES:

- a. Applications Scrutiny Committee
- b. Finance and Purchase Committee
- c. Staff Committee
- d. Library Committee
- e. Infrastructure and Building Committee
- f. Academic Advisory and Technical Activities Committee
- g. Editorial Board

4.0 The strength of membership as on 31.3.2017 was 7836 Corporate Members and 18220 ST/T Members (Total Membership was 26056)

5.0 TECHNICAL PROGRAMMES:

- 5.1 National and International events 8
- 5.2 Birthday Celebrations 2
- 5.3 SEMINARS:
 - a)All India Seminars 1
 - b)Local Seminars 6
- 5.4 Endowment Lectures 12
- 5.5 National Energy Conservation Week 1
- 5.6 Popular Lecture 1
- 5.7 Foundation Lecture 1
- 5.8 Dildar Hussain Memorial Lecture 1

5.1 NATIONAL AND INTERNATIONAL EVENTS:

- 5.1.1 Teachers' Day 06.09.2016
- 5.1.2 49th Engineers' Day 14.09.2016
- 5.1.3 World Habitat Day 03.10.2016
- 5.1.4 World Standards Day 14.10.2016
- 5.1.5 World Food Day 17.10.2016
- 5.1.6 National Energy Conservation Day 21.12.2016
- 5.1.7 National Safety Day 03.03.2017
- 5.1.8 World Water Day 22.03.2017



5.2 BIRTHDAY CEEBRATIONS

5.2.1 115th Birthday Celebrations of Padmabhusan Dr K L Rao. Hon. Life FIE 15.07.2016

5.2.2 156th Birthday Celebrations of Bharat Ratna Sir Mokshagundam Visvesvaraya 14.09.2016

5.3 SEMINARS

i. All India Seminar:

5.3.1 All India Seminar on " Disasters Mitigation of Floods and Urban Drainage Issues" 06.01.2016 and 07.01.2016

ii. Local Seminars

5.3.2 One-Day Seminar on " Rain Water Harvesting" 18.06.2016

5.3.3 One-Day Seminar " Skill Development for Young Engineers to Reform the Core Sector: Vision 2025" 14.09.2016

5.3.4 One-Day Seminar on " Affordable Housing with Precast Concrete Technology" 20.12.2016

5.3.5 One-Day Seminar on " Future of Mining Industry Need for Suitable Mining Education" 26.12.2016

5.3.6 One-Day Seminar on " Entrepreneurship and Innovation: A Path for Growth and Development" 21.02.2017

5.3.7 One-Day Seminar on " Innovative Technologies For Water and Waste Water Management" 21.03.2017

5.4 ENDOWMENT LECTURES

5.4.1 Er Koka Krishna Mohan Rao Twenty Sixth Endowment Lecture and presentation Late K Suryanarayana Raju, EE(Retd) R & B Memorial Best R & B Engineer Award 23.04.2016

5.4.2 Er A P Ranganatha Swamy 19th Endowment Lecture on " Planning and Road Map-Technological Innovations in Missile Systems Design" 27.07.2016

5.4.3 Dr S Raghavachari Second Endowment Lecture on "Optimizing Road Investment of Payment Preservation" 15.08.2016

5.4.4 Er Maturi Gopal Rao Nineteenth Endowment Lecture on "Hyderabad Metro Rail Project-Need of the Hour" 10.09.2016

5.4.5 Dr Narla Tata Rao Fourteenth Endowment Lecture on " All Round Development of Power Sector – A Befitting Tribute to Padmashri Dr Narla Tata Rao" 22.09.2016

5.4.6 Dr A Ramakrishna Fourth Endowment Lecture on " Making Affordable Housing Using Precast Concrete Technology" 20.12.2016

5.4.7 Er R L Raju Second Endowment Lecture on "Seventeen Sustainable Development Goals of United Nations to be Achieved by 2030: Action Planning and Implementation for Civil Engineers" 21.12.2016

5.4.8 Er I Basava Raju Second Endowment Lecture on "Power Position in the State" 30.12.2016

5.4.9 Er M Thirpath Reddy Sixth Endowment Lecture "Water Resources Management" 04.02.2017

5.4.10 Dr J Purushottam Twelfth Endowment Lecture on "Twin Reservoirs & Musi Environs of Hyderabad City" 01.03.2017

5.5 NATIONAL ENERGY CONSERVATION WEEK 14.12.2016 to 21.12.2016

5.5.1 Inaugural function of National Conservation Week 14.12.2016

5.5.2 Distributed 200 watts efficient incandescent Lamps at Dilsukhnagar Bus Stop about 35 fruit stalls 14.12.2016

5.5.3 Essay Writing Competition & Elocution Competition on "Energy Conservation – Need, Opportunities and Challenges" 15.12.2016 and 18.12.2016

5.5.4 Technical Talk on " Energy Efficiency and Storage" 15.12.2016

5.5.5 Energy Conservation Walk 18.12.2016

5.5.6 Valedictory function of National Energy Conservation Day 21.12.2016

5.6 POPULAR LECTURES:

5.6.1 Popular Lecture on "Engineering Innovations and Patenting" 15.11.2016

5.7 FOUNDATION DAY LECTURE

5.7.1 Foundation Lecture on "Traffic and Transportation Issues of Hyderabad to be addressed in the Master Plan" 30.11.2016

6.0 SECOND ANNUAL GENERAL MEETING

6.1 BUSINESS SESSION

Business Session of 2nd Annual General Meeting was held on 31st October, 2016 at 4.30 p.m. under the Chairmanship of Dr I SatyanarayanaRaju, FIE, Chairman, IEI, Hyderabad.

6.2 TECHNICAL SESSION

Technical Sessions was held at 1400 hrs wherein Seven papers were presented by authors from Civil, Mechanical, Electronics and Telecommunication Engineering and Textile Engineering Divisions. Prof. T Narayana, FIE, Past Chairman, IEI presided over the Technical Session.

6.3 DILDAR HUSSAIN MEMORIAL LECTURE

Dr Tessy Thomas, FIE, Director, Advanced Systems Laboratory, Hyderabad delivered Dildar Hussain Memorial Lecture on "Advances in Aerospace Technology"

6.4 MAIN FUNCTION OF 2ND ANNUAL GENERAL MEETING - 31.10.2016-1800 hrs

Chief Guest **Dr M S R Prasad**
Outstanding Scientist and Director
DRDL, Hyderabad.

STATE CENTRE PRIZES:

The Chief Guest, Dr M S R Prasad presented the State Centre Prizes to the following papers presented by them during 2nd Annual General Meeting held on 31st October, 2016.

Dr M V Seshagiri Rao, FIE Civil Engineering Division

The Chief Guest also presented mementos to the following Corporate Members who devoted their time in the successful organization of the All India Seminars / Regional Seminars.

First International Mining Conference On" Technological Innovations, Interventions and Collaborations for the Development of Mines Er Chandra Mohan, FIE Chairman, Org.Committee Er V S Rao, FIE



| | |
|---|--|
| and Mineral Industry" held from 18-21 November, 2015 | Organizing Secretary |
| All India Seminar on "Geosynthetics in Natural Disaster Mitigation" held on 29 th and 30 th December, 2015 | Dr I Satyanarayana Raju, FIE Chairman |
| All India Seminar on "The Indian Textile Industry Modernization, Make in India Ethnic Handlooms, Fashion, Skill Development and Futuristic Textiles" held on 5 th and 6 th February, 2016 | Dr P L Panda, FIE Convener |
| All India Seminar on "Retrofitting and Upgradation of Age-Old EHV Transmission Lines" held on 20 th and 21 st Feb. 2016 | Er Tayi Krishna Rao, FIE Convener |
| All India Seminar on "Geospatial Technology for Land Records Towards Digital India" held on 29 th and 30 th March, 2016 | Dr B Veeranna, FIE Convener |
| One-Day Seminar on "Solid Waste Management" | Prof. C B V Subbarayudu Convener |
| One-Day Seminar on "Advances in Pre- Cast Construction Technology" held on 20 th December, 2016 | Er S P Anchuri, MIE Convener |

The Chief Guest also presented the mementos to the following Members of the Board

Scrutineers:

- | | |
|------------------------------|----------|
| 1. Er G L Rao, FIE | Convener |
| 2. Er T S D Raghava Rao, FIE | Member |
| 3. Er B Chandra Shekar, FIE | Member |
| 4. Er R Gopala Krishna, FIE | Member |
| 5. Er M Gopal Rao, FIE | Member |

7.0 AUDITED STATEMENT OF ACCUNTS:

The Audited Balance Sheet, Income and Expenditure Statement for the year ending 31st March, 2017 are shown in Appendix – 'C'.

8.0 ACKNOWLEDGEMENT:

The Committee places on record its deep sense of gratitude and appreciation to the members of the Telangana State Centre and various professional Institutions for their continued patronage Experts and Dignitaries who have delivered Popular Lectures / Endowment Lectures and presented papers.

The Telangana State Centre places on record its gratitude to CSIR, DRDO, ISRO State and Central Government Departments, Industrial Houses, Educational Institutions and well-wishers for their continued patronage and support in the successful organization of various technical activities.

The Telangana State Centre records its appreciation to the staff of Telangana State Centre for their unstinted efforts from time to time and cooperation in the cause of furtherance of the objectives of IEI.

Hyderabad
Date: 03.10.2017

Sd/-
(G Rameshwar Rao)
Hon. Secretary

APPENDIX – C

KALPANA & CO., Chartered Accountants

H.No. 49-308/4, Plot No. 21/B, Padmanagar Colony, Phase-I, Behind IDPL Colony, Chintal, Hyderabad - 500 037
Mobile : 9492531510, E-mail : kalpana.kadiyam@gmail.com

Dated 15.06.2017

AUDITOR'S REPORT

We report that we have audited the annexed Balance Sheet of **The Institution of Engineers (India), Telangana State Centre** as at 31st March 2017, signed by us under reference to this Report and the relative Income and Expenditure Account for the year ended on that date which are in agreement with the books of accounts maintained at **The Institution of Engineers (India), Telangana State Centre**.

We have conducted our audit in accordance with auditing standards generally accepted in India. Those Standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion and to the best of our information and according to the explanations given to us, the Balance Sheet and the relative Income and Expenditure Account together with notes thereon and subject to the comments annexed (**Annexure - II**) give a true and fair view of the state of affairs of **The Institution of Engineers (India), Telangana State Centre** as on **31st March, 2017** and the excess of its Income over Expenditure for the year ended on that date.

Subject to the comments (**Annexure – II**) mentioned in annexed we have obtained all the information and explanations which to the best of our knowledge and belief, were necessary for our audit.

Place: Hyderabad
Dt. 15.06.2017

Sd/-
For Kalpana & Co.,
Chartered Accountants
Proprietor
Name: CA. K KALPANA
M.No : 223788



NOTES FOR COMMENTS OF CENTRE'S AUDITORS FOR THE YEAR ENDED 31-03-2017

- | | | |
|---|--|--|
| 1 | (a) Title deeds of land - whether seen or not | The Govt. of A P has given the existing Land to Telangana State Centre erstwhile APSC, Hyderabad as Gift. The Gift Deed was handed over to HQ on 17th January, 2005. |
| | (b) Alternative documents in absence of lease or title deed so as to prove the legal possession and authorization for use by the Centre - to be seen | Does not arise, since the land was given by Govt. of Andhra Pradesh through Gift. |
| | (c) Lease deeds whether still valid? | Not applicable |
| | (d) Present position of building under construction - whether still incomplete or not, duly certified by Chartered Engineer. | The Centre has spent an amount of Rs.68,11,299.13 on the building under construction during the year 2016-2017. |
| | (e) Actual cost of acquisition of land including development charges, if any, included under building construction should be shown separately. | Land Cost - Gift by Government of AP |
| | (f) Lease deeds of land/building whether free from encumbrances | The land is free from encumbrance. |
| | (g) Confirm whether the entire requirements arising out of lease/grant deeds are met, the entire property is in the possession of the Institution and no sub-letting or otherwise use of the property by any other organization has been made. | The entire property is in the possession of the IEI. |
| | (h) Whether Fixed Assets Register maintained properly, i.e., total cost of assets as per Fixed assets Register agreed with General Ledger Balance and all details, say location of assets, cost, nature of assets, rate of depreciation etc. are | The Centre is maintaining the Fixed Assets Register showing the details, such as location of the assets, cost, nature of assets. The HQ is providing the Depreciation at written down value method. We have verified the Register and found correct. |
| | (i) Whether fixed assets of the Centre were physically verified by the Management during the year. | The Management verified the fixed assets. |
| | (j) We have physically verified the cash balance and original fixed deposits certificates and no exception noted. | We have physically verified the cash balance as on 31.03.2017 and the original fixed deposit certificates and no exception is noted. The interest on fixed deposits was accounted on accrual basis. |
| | (k) We have physically verified all investments and a copy of details of such investments attached herewith. | We have physically verified all the investments with original receipts. |
| | (l) Whether tax deducted at source from salary, contractors bill etc., are being deposited regularly as per Income Tax Rules. Also please ensure whether surcharge on Income Tax is also being deducted. | The state centre has deducted tax including surcharge from the salaries and contractors bill and the same was remitted to income tax dept., in time. |
| | (m) Besides, the other matters, if any, cropped up in course of audit which might affect the truth and fairness of the state of affairs of the Centre and its results for the year 31st March for relevant year. | During the course of audit, we have not observed any transactions that will effect the accounts for the year. |
| 2 | (a) Progress/completion of construction work as on 31st March in respect of addition made during the year to the existing building to be checked. | The Utilization Certificate for Building under construction. |
| | (b) Contingent liability in respect of suits filed against the Centre, if any, to be ascertained. | No suits are filed against the centre during the year |
| | (c) We have obtained external confirmation for all the year end balances with bank (including current account, savings account, cash credit, overdraft, loans, fixed deposit and accrued interest) directly from the banks/financial institutions concerned at our office. | The state centre has obtained the bank confirmation letters. |
| 3 | Matters which do not really distort the truth and fairness of the accounts should not form part of the report and report separately: | |
| | (a) Balance in advance schedule lying unadjusted for quite some time to be scrutinized and adjustments, if any, to be given effect to or amount if material to be reported upon. | No Material impact |
| | (b) utilization of funds transfer from headquarters for construction of building and acquiring of other assets to be checked and reported upon. | Obtained Utilisation Reports |
| | (c) Statement of closing stock of stores/stationery to be certified by the management and to be attached along with audit report. | Stores/Stationery certified by the Management. |
| 4 | If in addition the auditors want to comment on certain matters, they should write a management letter which must not be referred to in the above report. | |



IEI TSC ANNUAL REPORT

The Institution of Engineers (India)

Telangana State Centre

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31-03-2017

| As on 31-3-2016 | | EXPENDITURE | As on 31-3-2017 | | As on 31-3-2016 | | INCOME | As on 31-3-2017 | |
|----------------------|-----|---|----------------------|-----|----------------------|--|--------|----------------------|-----|
| Rs. | Ps. | | Rs. | Ps. | Rs. | Ps. | | Rs. | Ps. |
| 2,377,500.00 | | To Establishment Expenses | 2,293,877.00 | | 1,900,413.00 | By Recurring Grant | | 1,709,647.00 | |
| 2,888.00 | | To Mediclaim (IEI TSC Staff) | 5,748.00 | | 170,680.00 | By Manpower Grant | | 165,668.00 | |
| 134,730.00 | | To Staff Welfare Scheme | 162,408.00 | | 22,500.00 | By Membership Grant | | 22,500.00 | |
| 2,620.00 | | To Provident Fund | 598.00 | | 6,000.00 | By Incentive Grant | | 6,000.00 | |
| 821.00 | | To Staff Welfare Fund | 188.00 | | 28,090.00 | By Children Education Allowance | | 28,000.00 | |
| 12,089.00 | | To Bonus | 30,178.00 | | | By Engg/Polytech College Students Grant | | 1,890.00 | |
| 23,181.00 | | To Encashment of Leave | - | | | By Rain Water Harvesting Pits Grant | | 250,000.00 | |
| 31,090.00 | | To Children Education Allowance | 31,000.00 | | 684,231.00 | By Pay & Allowance Senior Most Staff | | 783,075.00 | |
| 127,763.00 | | To ESCI Emp. TCMA Coop. Society Ltd., | 151,052.00 | | 176,997.00 | By Pay & Allowance Junior Most Staff | | - | |
| - | | To Liveries to Staff | 6,640.00 | | - | By Mediclaim IEI TSC Staff | | 5,748.00 | |
| 57,960.00 | | To Postage | 17,969.00 | | 23,181.00 | By Encashment of Leave | | - | |
| 45,287.00 | | To Telephone Charges | 35,061.00 | | - | By Festival Advance | | 4,500.00 | |
| 9,287.00 | | To Internet Charges | 6,114.00 | | 124,442.00 | By ESCI Emp. T&CMACoop. S Ltd., | | 157,694.00 | |
| | | To Interest paid on Service Tax | 7,179.00 | | 67,365.00 | By Staff Welfare Scheme | | 81,204.00 | |
| 20,000.00 | | To Website Charges | 50,000.00 | | 50,000.00 | By Best State Centre Award | | - | |
| 650,648.00 | | To Electricity Charges | 674,527.00 | | 223,371.44 | By Donations & Contributions | | 204,535.24 | |
| 35,628.50 | | To Printing, Stationery & Xerox | 35,370.25 | | - | By Lighting Stand | | 500.00 | |
| 604,628.43 | | To Interest on Overdraft | - | | 136,815.50 | By Income From Letting of R&D ESCI | | 207,434.00 | |
| 124,387.00 | | To Security Charges | 190,605.00 | | 4,979,311.00 | By Service Charges for Hall & Rooms | | 7,318,696.00 | |
| 3,600.00 | | To Tally.ERP.9 Software Renewal Charges | - | | 30,000.00 | By PA System Hiring Charges | | 9,000.00 | |
| 454.00 | | To ETDS Charges | 307.00 | | 3,000.00 | By LCD Projector Hiring Charges | | 4,500.00 | |
| 15,000.00 | | To Purchase of Ties form IEI HQ | - | | 7,971,027.00 | By Seminars & Symposia (All India) | | 365,226.00 | |
| - | | To Bulk SMS Charges | 12,000.00 | | 118,947.00 | By Seminars & Symposia (Local) | | 1,499,887.00 | |
| - | | To Water Charges | 3,399.00 | | 157,500.00 | By Engineers' Day Celebrations | | 211,857.00 | |
| 63,740.00 | | To Conveyance & Incidentals | 48,421.00 | | 35,000.00 | By Newsletter (Advertisements) | | - | |
| 34,115.00 | | To PR & Hospitality | 128,275.00 | | 635,160.92 | By Interest on Term Deposits | | 1,421,061.22 | |
| 1,540.00 | | To T.D.S. Notice | 360.00 | | 80,080.38 | By Interest on SB Account | | 66,764.73 | |
| 4,450,088.25 | | To Seminars & Symposia (All India) | 377,273.00 | | 400.00 | By Sale of Water Irrigation CD's | | - | |
| 242,867.00 | | To Seminars & Symposia (Local) | 503,103.00 | | 27,330.00 | By Sale of Water Irrigation Books | | - | |
| 115,983.00 | | To Engineer's Day Celebrations | 179,929.00 | | 1,200.00 | By Publications | | - | |
| 905.00 | | To Independence Day Celebrations | 2,560.00 | | 630.00 | By Sale of SIR MV Photos | | 100.00 | |
| 1,508.00 | | To Lecture and Paper Meetings | 390.00 | | 2,475.00 | By Sale of Tie | | - | |
| 452.00 | | To Productivity Council Membership | 2,000.00 | | 180,344.00 | By AMIE Examinations | | 97,275.00 | |
| 2,969.00 | | To Dr. K L Rao Birthday Celebrations | 400.00 | | - | By AMIE Guidance Classes | | 125,305.00 | |
| 380,948.00 | | To Newsletters Expenditure | 2,016.00 | | 250,301.00 | By Election 2014-2016 | | - | |
| 9,203.00 | | To Annual General Meeting | 177,589.00 | | 1,572.00 | By Excess provided during Previous now written off | | 24.00 | |
| 28,032.50 | | To State Centre Committee Meetings | 14,541.00 | | | | | | |
| 1,000.00 | | To State Centre Prizes | - | | | | | | |
| 168,563.00 | | To Building Maintenance | 145,778.00 | | | | | | |
| 73,787.00 | | To Office Equipment | 89,479.00 | | | | | | |
| - | | To Lift Maintenance | 107,487.00 | | | | | | |
| 133,383.00 | | To Upkeeping Charges | 178,048.00 | | | | | | |
| 197,085.00 | | To Rates & Taxes (Property Tax) | 607,458.00 | | | | | | |
| 180,344.00 | | To AMIE Examinations | - | | | | | | |
| 32,000.00 | | To AMIE Guidance Classes | 16,130.00 | | | | | | |
| 13,280.00 | | To Miscellaneous Expenses | 19,301.00 | | | | | | |
| 29,900.00 | | To Audit Fee | 29,900.00 | | | | | | |
| 83,518.00 | | To Library Books & Periodicals | 40,980.00 | | | | | | |
| - | | To Glow Sign Name Boards | 59,850.00 | | | | | | |
| - | | To Old Building Renovation | 710,400.00 | | | | | | |
| 4,184.55 | | To Bank Charges | 4,892.84 | | | | | | |
| - | | To Consultancy Charges | 262,046.00 | | | | | | |
| 30,000.00 | | To Water & Irrigation Books (Printing) | - | | | | | | |
| 1,003,127.00 | | To Advocate Fee | - | | | | | | |
| - | | To Elections 2016-2018 | 513,790.00 | | | | | | |
| 130,187.99 | | To Receivable Written off During the year | - | | | | | | |
| 6,396,092.02 | | To Excess of Income Over expenditure | 6,811,474.10 | | | | | | |
| 18,088,364.24 | | Grand Total | 14,748,091.19 | | 18,088,364.24 | Grand Total | | 14,748,091.19 | |



IEI TSC ANNUAL REPORT

BALANCE SHEET AS ON 31-03-2017

| As on 31-3-2016 | | LIABILITIES | | As on 31-3-2017 | | As on 31-3-2016 | | ASSETS | | As on 31-3-2017 | |
|--|-----|-----------------------------------|--|--|-----|------------------------|-----|---|--|------------------------|-----|
| Rs. | Ps. | | | Rs. | Ps. | Rs. | Ps. | | | Rs. | Ps. |
| 1,45,147.68 | | Reserves and Surplus | | 1,45,147.68 | | 1,08,07,927.44 | | Buildings | | 1,09,42,660.44 | |
| 14,55,004.83 | | Building Fund | | 14,55,004.83 | | 44,25,993.76 | | Furniture and Equipment | | 57,95,485.76 | |
| 1,19,031.04 | | Furniture Fund | | 1,19,031.04 | | 5,89,246.00 | | Computer Systems | | 5,89,246.00 | |
| 7,38,360.21 | | Prize Fund | | 7,75,628.21 | | 12,57,612.00 | | Air-Conditioning Plant | | 12,57,612.00 | |
| 81,11,559.70 | | Endowment Lecture Fund | | 84,24,561.70 | | 1,44,516.00 | | Installation of SIR MV Bust Size Statue | | 3,80,040.00 | |
| 2,59,266.00 | | Small Invention Award Fund | | 2,84,794.00 | | 8,26,16,335.14 | | Building Under Construction | | 8,94,27,634.27 | |
| 2,18,787.43 | | P.G.Course | | 2,18,787.43 | | 7,31,183.33 | | Prize Fund | | 10,08,788.01 | |
| 15,003.00 | | Chief Minister Relief Fund | | 15,003.00 | | 78,68,652.00 | | Endowment Lecture Fund | | 77,83,107.99 | |
| 21,486.70 | | General Activities | | 21,486.70 | | 1,99,483.00 | | Small Invention Award Fund | | - | |
| 2,21,901.00 | | Rural Development Forum | | 2,37,310.00 | | 2,07,233.00 | | Rural Development Forum Fund | | 2,22,608.00 | |
| 6,11,372.00 | | Staff Welfare Scheme | | 6,45,112.00 | | 2,41,23,099.16 | | Investments | | 1,83,68,155.00 | |
| 4,43,302.00 | | Current Liabilities | | 5,08,676.00 | | 5,72,824.00 | | Staff Welfare Scheme | | 6,17,900.00 | |
| 3,00,00,000.00 | | Construction of New Building Fund | | 2,75,00,000.00 | | 1,52,26,927.00 | | Current Assets | | | |
| 3,57,850.00 | | Library Deposits | | 3,86,250.00 | | Loans & Advances | | Loans & Advances | | 1,97,58,065.00 | |
| 85,492.00 | | Sundry Advances | | 4,00,662.00 | | 1,00,000.00 | | Sundry Deposits | | 1,78,967.00 | |
| -3004,890.97 | | Loans and Advances | | 20,01,767.00 | | 83,500.00 | | Receivable from others | | 5,07,037.00 | |
| 67,63,519.00 | | Security Deposits | | 51,71,588.00 | | 43,61,558.59 | | TDS Receivable | | 47,42,345.75 | |
| 10,82,54,674.68 | | Head Quarters | | 11,49,46,413.31 | | 8,55,775.12 | | Accrued Interest on Term Deposits | | 13,62,600.00 | |
| | | | | | | 13,454.00 | | Closing Stock | | | |
| | | | | | | 4,516.00 | | Stationery and Other Items | | 49,185.25 | |
| | | | | | | | | Postage | | 1,805.00 | |
| | | | | | | | | Cash and Bank Balances | | | |
| | | | | | | | | a) Cash on Hand | | 200.00 | |
| | | | | | | | | b) Cash at SBI, PBB, RB Road A/C No.36001175962 | | 3,54,518.61 | |
| | | | | | | | | c) Cash at SBI, PBB, RB Road A/C No.10007111121 | | 0 | |
| | | | | | | | | d) Cash at SBI, PBB, RB Road A/C No.30272008405 | | 76,802.07 | |
| | | | | | | | | e) Cash at Syndicate Bank, Khairatabad Branch A/C No.30152010092560 | | - | |
| | | | | | | | | f) Cash at Syndicate Bank, Khairatabad Branch A/C No.30152140000090 | | - | |
| | | | | | | | | g) Cash at Syndicate Bank, Khairatabad Branch A/C No.30152010122959 | | - | |
| | | | | | | | | h) Cash at SBI, PBB, RB Road A/C No. 34898708280 | | 1,18,160.75 | |
| | | | | | | | | | | | |
| 15,48,16,866.30 | | Total | | 16,32,57,222.90 | | 15,48,16,866.30 | | Total | | 16,35,42,923.90 | |
| SD/- HONORARY SECRETARY THE INSTITUTION OF ENGINEERS (INDIA) TELANGANA STATE CENTRE, HYDERABAD - 500 004. | | | | EXAMINED AND FOUND CORRECT SUBJECT TO OUR REPORT OF EVEN DATE For KALPANA & CO. Sd/- CA. K. KALPANA CHARTERED ACCOUNTANT | | | | | | | |

3rd ANNUAL GENERAL MEETING

All Corporate members are requested to contribute papers for presentation at the Technical Sessions to be held concurrently with the 3rd Annual General Meeting of the Telangana State Centre of the Institution of Engineers (India) scheduled on 31st October, 2017. Corporate Members may contribute papers from any branch of Engineering of their choice and arrange to send the same by CD/E.mail to the Telangana State Centre latest by October 20, 2017. The papers will be considered for award of State Centre Prize. The best paper selected will carry a cash award of Rs.500/-. Intending authors are requested to submit two copies of detailed paper not exceeding 10 pages only of A4 Size. Bio-data of authors should be enclosed on a separate sheet along with the paper. Submission of paper on CD preferable.

C C DALAL PRIZE FOR BEST PAPER ON IRRIGATION PROJECT

Papers are invited from the Corporate members of the Institution of Engineers (India), Telangana State centre attached to Civil Engineering Division for a cash Prize of Rs.1,000/- instituted in the name of Late Shri C C Dalal, B.E., MICE, MIE, Superintending Engineer (Retd.), Former Hyderabad State, to an author who presents a best paper on the Irrigation Project executed or under execution in Telangana. The papers in CD should reach the Telangana State Centre latest by October 20, 2017

P J UDANI BEST CONCRETE ENGINEER PRIZE

Er P J Udani, FIE has instituted a cash prize of Rs.500/- to encourage advancement and innovation in design/construction techniques applied to concrete structures. The competition is open to all engineers whether they are members of the Institution of Engineers (India) or not, working in the public/private sector in Telangana. The paper selected for the award of P J Udani Best Concrete Engineer Prize shall become the property of the Institution of Engineers (India) and the author is not permitted to make use of this paper without the written permission of the Telangana State Centre. The paper in CD should reach the Telangana State Centre latest by October 20, 2017.

travel demand creates traffic congestion, Low speeds and pollution due to emissions. He emphasized the need for allocating more space for road infrastructure while making the Master Plan and increasing public transportation so as to contain the growth of the personal automobiles. Dr Rao has cited improved methods of the practices adopted in other countries across globe in providing Mass Rapid Transit systems like monorails, Bus rapid transit LRT & MRT. By taking such steps, Traffic management would become more viable and commuter friendly in terms of travel time travel cost, comfort, safety and security etc.

Dr M V Sridhar, Secretary, Matrusri Educational Society graced the occasion and highlighted the Society activities and achievements for benefit of engineering students. **Dr S Satyanarayana, Chairman**, IEI, Telangana State Centre presided over the meeting. Earlier, **Er G Rameshwar Rao**, Hon. Secretary, IEI, Telangana State Centre extended welcome and **Dr G Shravan Kumar, FIE** Jt. Hon. Secretary, IEI, Telangana State Centre proposed Vote of Thanks.

48th ENGINEERS' DAY -2017 (In commemoration of 157th Birthday Celebrations of Bharat Ratna SIR MV)

September 15, 2017: The 50th Engineers' day Celebrations commenced by Garlanding the Statue of Bharat Ratna Sir Mokshagundam Visvesvaraya at Khairatabad Junction and also that of at IEI New Building by Dr S Satyanarayana, FIE, Chairman, IEI, TSC at 9.00 a.m. along with Er G Rameshwar Rao, FIE, Hon. Secretary, Dr I Satyanarayana Raju, Imm.Past Chairman, TSC and APSC Past Chairmen, TSCC Members, Corporate Members of IEI, Staff of IEI and others from Lions Club too. As part of the 50th Engineers' Day Celebrations a Seminar on "Role of Engineers in a Developing India" was organized with Dr MVSS Giridhar, Associate Professor, JNTUH as Technical Chairman. The Convener of Technical event is Dr I Satyanarayana Raju, Imm. Past Chairman, IEI, TSC. Eight papers were presented by experts from various organisations and a technical Volume with nine technical papers was compiled.

In the afternoon a Technical Quiz was organized Dr G Surender Reddy, Dean, Sreenidhi College of Engineering and Technology; Shri Mani Shanker, Design Engineer, Butterfly Fields and Ms. Pratusha, Research Officer, Butterfly Fields were the Moderators. Three hundred students from various colleges were participated. Dr G Shravan Kumar, FIE, Jt. Hon. Secretary was Co-convener of the Technical Quiz.

The main function was organized at 1730 hrs. Dr Tessa Thomas, FIE, Director, Advanced Systems Laboratory as the Chief Guest. In her address advised the young engineers to move forward taking the example of Sir M Visvesvaraya. The Engineers need to get the technical knowledge coming from the Research and Engineering services to solve the confronting problems of the society. The Chief Guest highlighted the role of Engineers in the techno-economic development of the country occupy the first place among the other developing countries.

Dr N Yadaiah, FIE, Registrar, Jawaharlal Nehru Technological University, Hyderabad presented the Life & Achievements of Bharat Ratna Sir MV, and said that Sir Visvesvaraya is a personal personality endowed with high values in life. He further informed that Bharat Ratna Sir Mokshagundam Visvesvaraya was a man of incorruptible integrity and a role model of personal purity of character. Sir Mokshagundam Visvesvaraya maintained immaculate punctuality throughout his life. Smt G Krishnaveni, Member-Secretary, TSCOST conveyed thanks to the organizers for giving her an opportunity to serve in the Award selection committee and also part of the event.



The Chief Guest, Dr Tessa Thomas addressing the gathering.

The following awards were presented on the above occasion:

- 1 Bharat Ratna Sir Moshagundam Visvesvaraya Award:** Dr Y Sreenivas Rao, FIE, Scientist 'H' & Project Director, AD (FV-EXO), Research Centre for IMARAT, Hyderabad.
- 2 Engineer of Year Awards:** (1) Dr Shirish Hari Sonawane, Associate Professor, National Institute of Technology, Warangal. (2) Shri Sharat Chandra, Chief Innovation & Design Officer & Founder MD of Butterfly Edufields Pvt. Ltd, Secunderabad. (3) Er K Laxminarayana, FIE, General Manager, Yellandu Area, Singareni Collieries Co. Ltd.,
- 3 Young Engineer of the Year Award:** Shri Umashanker Gupta, Scientist 'D', DMRL, Hyderabad.
- 4 Best Research Scholar Award:** Dr A Madhukar Rao, Assistant Professor, KITS, Warangal.
- 5. Bharat Ratna Sir Mokshagundam Visvesvaraya Best Essay Award:** Ms R Ravali, Sreenidhi Institute of Science and Technology. **Consolation Prizes were given to:** (1) Ms B Apoorva Vaishnavi, B.Tech (Mech) IV Year, Mahatma Gandhi Institute of Technology, Hyderabad. (2) Ms. K Nikhitha, Final Year CSE, Methodist College of Engineering and Technology, Hyderabad.
- 6 Best Design/Environmental Engineer Award** in memory of Late Er M Rama Mohana Rao, FIE, Former Engineer-in-Chief, Public Health: was given to Er Dhan Singh, Engineering-in-Chief, Public Health Engineering.
- 7 Best Civil Engineering Student** of JNTUH, Hyderabad in memory of Late Er M Rama Mohana Rao, Former ENC, Public Health Engg. Was given to Ms B Kavya, JNYUH.
- 8. Best Mechanical Engineering Student** of NIT, Warangal in honour of Er Gummadi Dharma Reddy, Chief Engineer, MASON Industries, Los Angeles, USA and Former Student of REC (Presently NIT, Warangal): was given to Mr Raj Gupta.

The Recipient of Bharat Ratna Sir M V awardee Dr Y Sreenivasa Rao, FIE responded on the occasion. The Chief Guest released the Engineers' Day Technical Volume.

Dr S Satyanarayana, FIE, Chairman, IEI, TSC presided over the function and said that every year the 15th September is being celebrated as Engineers' Day by IEI, Telangana State Centre and also the awards are being presented during this occasion. Earlier **Er G Rameshwar Rao**, FIE, Hon. Secretary, IEI, TSC welcomed the gathering, **Er S P Anchuri**, MIE, Jt. Hon. Secretary proposed Vote of thanks.



The Chairman, Hon. Secretary garlanding the statue of SIR MV.



The Dignitaries Releasing the technical Volume



Er G Rameshwar Rao, FIE

Hon. Secretary, IEI, TSC

All the Corporate Members are requested to attend the following **Programmes in October 2017**. I Hope a new way of thinking will come out during these programmes. Therefore I request all the members in general and members connected directly or indirectly inparticular to grace their presence the following programmes.

| Date & Time | Event | Chief Guest / Speaker |
|--|---|--|
| 10.10.2017 Tuesday 1730 hrs. | Er R L Raju 3rd Endowment Lecture | Er S Sunil Chief Engineer, Nagarjussagar Project Irrigation & CAD, Govt. of Telangana |
| 14.10.2017 Saturday 1500 hrs. | WORLD STANDARDS DAY Theme: "Standards make cities smarter" | Shri G Yoganand Chairman & Managing Director, Manjeera Constructions Ltd. |
| 16.10.2017 Monday | WORLD FOOD DAY – Theme: "Change the future of migration- Invest in food security and rural development" | |
| 31.10.2017 Tuesday 1400-1630 hrs 1630 hrs. 1700 hrs. 1730 hrs. 1900 hrs. | 3rd ANNUAL GENERAL MEETING TECHNICAL SESSION BUSINESS SESSION (only Corporate Members of Telangana State Centre) TEA AGM MAIN FUNCTION DINNER | |

Engineers Day Event at Yellandu of Singareni Collieries Ltd. Khammam, Telangana State.

A Seminar was conducted on **"Role of Singareni Collieries Company Ltd., in Development of Newly formed Telangana State"** was conducted on 16th September, 2017. Sri S. Chandra Sekhar, Director (Operations) was the Chief Guest Sri G. Rajendar Reddy, G.M., RG3, presided over the function. Sri Sanjay Sur, ED(STPP), Sri J. N. Singh Chief O&M, Sri W Vijayababu, GM, RG2, Sri G Venkateshwar Reddy, GM, Rescue Services, Sri B Veera Reddy, GM, APA, Sri V. Vijayapal Reddy, G.M.,RG1, Sri Kondaiah, GM,BHPL, Er. K Rama Mohan, Hon Secretary, IEI RGM, Er H Veery Swamy, Jt. Hon. Secretary, Sri Padma Raju, Member (Civil), Dr Prasanna Laxmi, Asst. Professor, JNTU, Member (Mechanical), IEI-RGM, Er P. Appa Rao, Member (Mech) /EE,STPP, Addl. GMs, Dy. GMs, S.Es, Sr. Engineers of SCCL and STPP have participated in the seminar. Six Technical Papers are presented related RG3 Area, ALP Area, RG1 Area, RG2 Area, STPP on 1200MW Power plant and BPA Areas.



FORTH COMING SEMINARS/CONFERENCES

33rd National Convention of Electronics and Telecommunication Engineers and National Seminar on "Recent Advances in IOT"
November 29-30, 2017-Hyderabad.

33rd National Convention of Architectural Engineers on "Architectural Engineering Aspect for Buildings Envelopes"
November 10-11, 2017

All India Seminar on
"Transport Oriented Development in Urban Areas"
December 15-16, 2017, Hyderabad.

For Further Details
Er G Rameshwar Rao, FIE, Hon. Secretary
The Institution of Engineers (India),
Telangana State Centre

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