

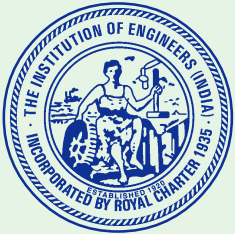
Institution of Engineers (India)

T.N. STATE CENTRE

BULLETIN

Dr. G. Ranganath, FIE
Chairman

Er. R. Ramdoss, FIE
Honorary Secretary



Vol. 17 : No. 7

October 2018

From the Chairman's Desk....



Dear Fellow Engineers,

Greetings to all of you.

This would be my last communication as the Chairman of IIEI, Tamilnadu State Centre since my tenure of service is coming to an end and my successor Er. R. Ramdoss, FIE is going to take the reins as Chairman in the AGM to be held on 26th October 2018.

Though I lay down my office, my services to IIEI, Tamilnadu State Centre and IIEI as a whole would continue with usual vigor as I am executing now.

I am extremely happy to inform you that the Third & Fourth IIEI Tamilnadu State Centre Student's & Technicians' Convention on the theme 'Innovation, Technology and Knowledge Economy' in a grand manner.

During my Chairmanship, I am proud to say that Tamilnadu State Centre has hosted the National Conventions of Marine Engineers; Aerospace Engineers, Chemical Engineers apart from hosting a number of All India Seminars, Workshops and Technical Lectures for the benefit of Engineering Fertility.

As one more feather on the cap of Tamilnadu State Centre of IIEI the 32nd Indian Engineering Congress was hosted by Tamilnadu State Centre during 21-23 December 2017 at Hotel Le Royal Meridian, Chennai in the august presence of **Honourable President of India Shri Ram Nath Kovind** and **Honourable Governor of Tamilnadu Shri Banwarilal Purohit**. At this juncture, I record with thanks the all-out efforts put in by my Committee Members for the success of the Congress. Here, I would like to state that Tamilnadu State Centre have made a savings of Rs.50 lakhs beyond in its Income and Expenditure.

It is also worth mentioning here that Er.T.M.Gunaraja FIE Council Member representing from IIEI Tamil Nadu State Centre has been elected as the National President of IIEI for the period of 2018-19 after a long period of time from Tamil Nadu. I also wish him a profound successes during his tenure of service.

Before I conclude, I request my team members to focus on approaching the Engineering Colleges and Polytechnic Colleges and urge the CEOs of the colleges to establish Students' Chapter at their colleges. Continuous follow-up will yield good results in this regard.

I request my member friends to bring in more and more new members into the fold of IIEI with a slogan '**EVERY MEMBER INDUCT A NEW MEMBER**' to double the strength. Let us all unite to boost the membership strength of IIEI.

I pass on my responsibilities to my successor with a strong hope that he would continue to take over the tasks which could have been in the half way and to implement new tasks for the development of Tamilnadu State Centre both technically and financially.

Good luck to all of you!

Dr. G Ranganath
Chairman

Er T M Gunaraja, President-Elect (2018-19)



Er T M Gunaraja is a proactive and people-oriented leader known for his clear vision, exceptional foresight and diligence. A renowned personality in institution building, he has been a forefront multi-disciplinary educationist for over 30 years.

He was born in January 1960 in a small village. He set off on his academic career, and coincidentally his association with the Institution of Engineers (India), first with a degree in Mechanical Engineering at IIEI in 1985 and progressed onto a Post-Graduate in ME Production Engineering from Anna University. With an unquenchable thirst for knowledge, he supplemented his qualifications with a Master's

Degree in Business Administration (HR) and is currently pursuing his Doctoral Research (PhD).

His first professional foray was as a Design Engineer, but he realised his true calling was in academics and in providing an integrated and holistic programme to support students in achieving their personal, educational and employment goals. And so, in the year 1985, he began teaching Mechanical Engineering. His eagerness to achieve more propelled him to seek new frontiers in the form of establishing Madras Institute of Engineering Technology, a technical education institute founded in 1989, at Kodambakkam. He furthered his passion for nurturing students by founding TMG College of Arts and Science and TMG College of Hotel Management, both in Manimangalam.

(contd. on page 2)

(contd. from page 1)

His professional relationship with the Institution of Engineers (India) began as early as 1994. Over the years, he has spearheaded the IEI under his stewardship as Committee Member (1994-96), Honorary Secretary (1996 - 2000), Council Member (since 2000) and Vice President (2005 - 2006). He currently serves as an All India Council Member and a member of the Finance Committee.

He has also performed in the capacities of Board Member, Chairman and Advisor on numerous committees. Most remarkable of these were his roles on the Board of Governors of the National Design & Research Forum and the Rural Development Forum and as a member of the Press & Publicity Committee, Inter-Disciplinary Committee, Sustainable Development Forum, Committee for Advancement of Technology & Engineering, Equivalence Committee, and Strategic Plan Committee. He was a National Member of the Indian Member Committee of the World Federation of Engineering Organisation. Over the years, he has diligently worked to improve in his own field by serving as a Council Member of the Mechanical Engineering Division Board, Chairman of IEI Mechanical Engineering, Chairman of the Student Chapter and member of the All India Students Committee. He has been an instrumental part of the Bye-Laws Committee and the Land and Buildings Committee several times. He served as a member of the organising committee for the World Congress on Natural Disaster Mitigation, in February 2004 and was the Vice Chairman of FIB (2000).

As an expression of his zeal, he served as Founder Chairman of the Institution of Mechanical Engineers (India) TNSC, as State Secretary and member of the Institution of Engineering and Technology (India) and is also a member of Institution of Automobile Engineering (India) and Institution of Civil Engineering (India).

He has been continually recognised and rewarded for his exceptional contributions to the field of engineering and education. Notable amongst these are the Technology Excellence Award, presented by the former Indian Prime Minister H.D. Deve Gowda and the Bharat Vidya Shiromani Award from the International Institute of Education and Management in 2015. In lieu of his numerous contributions to the field, he was a proud recipient of the Meritorious Mechanical Engineering Award at the 19th National Mechanical Convention.

As a demonstration of his personal motto of "If Something is Worth Doing, It is Worth Doing Well", he served as **Organising Chairman for the 28th Indian Engineering Congress** in December 2013. The event was inaugurated by the then Honourable President Shri Pranab Mukherjee and was attended by a star-cast of dignitaries. He repeated his stellar performance as **Organising Co-Chairman for the 32nd Indian Engineering Congress in December 2017**.

His efforts to extend the benefits of the IEI were instrumental in establishing several new IEI Local Centres. He acted as the prime motivator for the construction of the guest house and other infrastructure development in the Tamil Nadu State Centre. His active involvement and extroverted personality has attracted numerous researchers, industrialists and professionals to join the folds of the Institution. He has also personally

inaugurated several Students Chapter (IEI) in engineering colleges across Tamil Nadu. Given his long-standing conversance with the field of education, his position on the academic advisory boards of several notable institutions is understandable.

Under his unwavering guidance as Chairman (2012 - 2014) for the IEI Tamil Nadu State Centre has set new standards in several national and international conventions, seminars and lectures.

Over the course of his career, he has presented several research papers and been published in reputed journals. His noteworthy publications include a study on organisational climate and its impact on the quality of work life in the Indian industry, with special reference to Chennai, in the Indian Journal of Applied Research. He has also published his manuscript titled 'Organisational Corporate Culture on Employee Performance' in November 2014 and has been honoured by the International Organisation of Scientific Research (Community of Researchers) Journals of Business and Management.

Being an avid traveller, he has traversed the globe to associate with technologists abroad. He has visited various countries including Malaysia, Singapore, Thailand, Netherlands, Germany, Switzerland, France, Sweden, Norway, Denmark, Spain and Portugal as a representative at global seminars, lectures and conventions. His purview of influence has extended to other organisations in these countries as well. Capitalising on his years of experience, he is a gainful partner and advisor to a Kitchens of India, a restaurant in Bremen, Germany and NMK Real Estate in the Netherlands.

Answering a strong inner calling to serve and improve the community, he joined the Lions Clubs International in 1992. He has led through example and been an asset in his positions of President, Zone Chairperson and Region Chairperson. He has also fulfilled diverse responsibilities as District Chairperson. He has been granted several International, Multiple and District Awards to serve as a small reminder of his unwavering motivated desire to better the world.

He served his term as the District Governor for the Centennial Year 2016 - 17, paving the way for excellence and setting new higher benchmarks for those who followed. Significant of his socially-conscious undertakings, he adopted 12 villages near Chennai and helped develop their infrastructure and improve their access to basic amenities. He also established a Diabetic Medical Centre to provide free medical assistance, installed a Centennial Pillar near the Chennai Airport to commemorate 100 years of Lionism and inaugurated a Leadership Academy for training future potential leaders. He is also one of the country's few certified International Faculty Development Trainer. His unquenchable spirit for fellowship and service has led to his association with many other social organizations as well, including Freemasonry and the Y's Men Club.

Er T M Gunaraja is a man with a big heart and a desire to leave the world a better place than how he found it. He fights the good fight to achieve his objectives and always leaves an indelible impression.

Chairman - Elect (2018-2020)

Er R. RAMDOSS, FIE



- Graduate B.E (Mechanical & Production) from Annamalai University, Chidambaram.
- Project Engineer in GEA Energy Systems, Chennai, from 18.01.1989 to 30.12.1989.
- Joined as Assistant Engineer on 10.01.1990, Promoted as Assistant Executive Engineer on 01.07.1996, Promoted as Executive Engineer on 12.06.2006 and given Voluntary Retirement on 31.08.2006 at Chennai Port Trust.
- Incharge and Co-ordinate the implementation of computerized maintenance system in Chennai port trust, Chennai.

- Incharge of ISO 9001/2000 Maintenance Module for Electrical & Mechanical Department.
- Handling of Arbitration in Various Material handling equipment purchase.
- General Manager in M/s. Chettinad Housing, Chennai from 01.09.2006 to 31.12.2009.
- Managing Director in M/s. Menaka Homez, Chennai from 01.01.2010 to till Date.
- Managing Director in M/s. CSR ERP Solutions Pvt. Ltd., Chennai from 01.04.2013 to till date.
- HR Consultancy for Various Companies.
- Fellow member in Institution of Valuer and Indian Institution of Technical Arbitrators.
- We conduct three Divisions National Convention, All India Seminars and Indian Engineering Congress in my tenure. I was Organizing Secretary of **32nd Indian Engineering Congress 2017** hosted by Tamilnadu State Center in the year 2017 at Chennai.

Honorary Secretary - Elect (2018-2020)

Er P. GOMATHI NAYAGAM, B.E. (Ag), F.I.V., M.I.E., M.I.M.A., M.I.I.TArb



- Success Management Consultants, Farm Project Consultants, Bank Panel valuer, Start Ups market Studies, State & Central Subsidy schemes, Agribusiness & Environment, Cold Storage projects, Valuation, Water conservation- Micro Irrigation
- Conquest of internal nature & external nature through union of Science & Technology and Indian Spirituality & Indian Dharma
- He has discovered a "Pentagon Success Theory" and promotes pentagon thinking and pentagon way of life.
- Managing Trustee - BECORP (India), promoting Farmer Interest Groups, Farmer Producer Company,
- Runs a Success Management Consultancy firm, Bridge Engineers
- Registered as a Valuer for Agricultural lands with income tax department under Wealth Tax Act u/s 34AB
- Empanelled as Valuer for Agri Sectors - Canara Bank & Indian Overseas Bank
- Member, All India Management Association
- Member, Indian Institute of Technical Arbitrators
- NHB - GOI certified Engineer for "Cold Chain Projects"
- 6 Sigma Black Belt - Trained by MSME, Chennai
- Worked in Netafim Irrigation in Water Conservation for 10 years

MINUTES OF THE 95TH ANNUAL GENERAL MEETING

14th October 2017

MINUTES of the 95th Annual General Meeting of the Tamilnadu State Centre held on 14th October 2017 at 6.30 pm at the IE(I) TNSC Auditorium, 19 Swami Sivananda Salai, Chepauk, Chennai 600005.

Before taking up the agenda, Dr G Ranganath Chairman, IE(I) TNSC listed about the activities done for the past year with power point presentation. He explained about the district centres converted into local centres and now the Tamilnadu State Centre has 15 local centres. The Membership Growth of IE(I) TNSC has been increased to 24168. The IE(I) TNSC conducted technical activities like 11- Lecture Meetings, 5 - Statutory Meetings, 2 - All India Seminars, 1- Industrial Visit and 1- Interdisciplinary Activity. He is very much proud and happy to announce that 6 National Conventions to be organized by Tamilnadu State Centre & Local Centres. At last he read out the financial report for the past year.

1. To Confirm the Minutes of the 94th Annual General Meeting of the Tamilnadu State Centre held on 31st October 2016

Chairman informed that the minutes of the 94th Annual General Meeting held on 31st October 2016 was circulated to the members through the Bulletin of Dec.2016 and was republished in the Oct. 2017 issue which may be taken as read.

As no comments were received, Dr J Arivudainambi, FIE proposed that the Minutes may be confirmed. Dr V Manivasagan, MIE seconded the same.

The Minutes of the 94th Annual General Meeting was confirmed.

2. To Receive the Audited Accounts and the Annual Report for the year ended 31st March 2017

Chairman informed that the Audited Accounts and the Annual Report for the year ended 31st March 2017 was circulated to the members vide Bulletin October 2017 issue and may be taken as read.

As no comments were received from the members on the audited accounts and the annual report,

Er S Karuppasamy, FIE proposed that the Audited Accounts and the Annual Report for the year ended on 31st March 2017 may be confirmed. Er D Kumar, FIE seconded the same.

The Audited Accounts and the Annual Report for the year ended 31st March 2017 were received.

3. To Appoint the Auditors for the year 2017-2018 and to fix their remuneration

Chairman informed that confirmation was received from M/s S Shankar & Associates, Chartered Accountants & Associates, Flat No: 1, M N R Apartment, No : 7A/1, Nadar Street, Velachery , Chennai - 600 042 to continue as Auditors for the year 2017 - 2018 at the remuneration of Rs.12500/= + GST 18%.

Dr S R R Senthilkumar, FIE proposed that the services of the existing Auditors may be continued for the year 2017-18 at the remuneration of Rs.12500/= + GST 18%. **Col P Nallathambi**, FIE seconded the same.

4. To Report on the composition of the Committee for the sessions 2017-2018

Chairman informed that the existing committee will take charge for the session 2017-2018 and the members are:

- **Dr G RANGANATH**, FIE, Chairman, IE(I),TNSC, Principal, Adhiyamaan College of Engineering, Hosur.
- **Er R RAMDOSS**, MIE, Honorary Secretary, IE(I),TNSC, Consulting Engineer, Chennai.

The Following Members are serving in the Committee (Representing the Engineering Divisions given in the parenthesis)

1. **Er P Gomathi Nayagam**, Consulting Engineer, Chennai (Agricultural Engineering Division).
2. **Dr J Arivudainambi**, Professor & Head/Aeronautical Engg, Adhiyamaan College of Engineering, Hosur (Aerospace Engineering Division)
3. **Er M Palani**, Former, Chief General Manager, NLC India Ltd., Neyveli (Architectural Engineering Division)
4. **Dr V Manivasagan**, Professor, Dept. of Bio Technology, Adhiyamaan College of Engineering, Hosur (Chemical Engineering Division)
5. **Dr P Sakthivel**, Associate Professor, Dept. of ECE, Anna University, Chennai (Computer Engineering Division)
6. **Dr V Karthikeyan**, Principal, Thiagarajar Polytechnic College, Salem (Civil Engineering Division)
7. **Er K P Sathyamurthy**, Deputy Chief Engineer, (Buildings), PWD, Govt of Tamilnadu, Chennai (Civil Engineering Division)
8. **Er Col P Nallathambi**, Principal Structural Consultant & Managing Director, Sakthi Consultancy Pvt Ltd., Chennai (Civil Engineering Division)

9. **Er A Sekar**, Chief Manager, Electrical/Management Services, NLC India Ltd., Neyveli (Electrical Engineering Division)
10. **Dr M Ravichandra Babu**, Deputy Director, National Power Training Institute, (Ministry of Power, Govt.of India), Southern Region, Neyveli (Electrical Engineering Division)
11. **Dr M Velan**, Chief Manager, Environment, Energy Efficiency & Corp Planning, NLC India Ltd., Neyveli (Environmental Engineering Division)
12. **Er M Anbalagan**, Former General Manager, Electrical Services & Communication, NLC India Ltd., Neyveli (Electronics and Tele-communication Engineering Division)
13. **Dr U Ramachandraiah**, Head, Dept. of EIE, Hindustan University, Chennai (Electronics Engineering Division)
14. **Er R Periyasamy**, Chief Manager, Power Station Engg., NLC India Ltd., Neyveli (Mechanical Engineering Division)
15. **Er S Karuppasamy**, Former Addl General Manager, BHEL, Trichy (Mechanical Engineering Division)
16. **Er D Kumar**, Former Senior Manager Engineer, BHEL, Ranipet (Mechanical Engineering Division)
17. **Er S Kannan**, Consulting Engineer, Chennai (Marine Engineering Division)
18. **Er M Raghunathan**, Former Dy General Manager, Mine Planning Dept., NLC India Ltd, Neyveli (Mining Engineering Division)
19. **Er K N Sivaraju**, Past Honorary Secretary, IE(I) , Salem Local Centre, Salem (Metallurgy and Material Science Engineering Division)
20. **Dr S Muthu**, Principal, Adithya Institute of Technology, Coimbatore (Production Engineering Division)
21. **Dr V Natarajan**, Research & Consultant, Dr M G R University, Chennai (Textile Engineering Division)

EX-OFFICIO MEMBERS

Er T M Gunaraja, Director, TMG College MIET, Chennai (Council Member 2016 -2019)

Er P Rajamani, Council Member, Electrical Engineering Division, IE(I)

Dr M Velan, Council Member, Environmental Engineering Division, IE(I)

Prof (Dr) Ms G Thilagavathi, Council Member, Textile Engineering Division, IE(I)

Er K P Ramanathan, Imm Past Chairman, IE(I),TNSC, Former Chief Mechanical Engineer, Chennai Port Trust, Chennai

Er D Sundarasekaran, Imm Past Honorary Secretary, IE(I),TNSC.

Dr S Thangavelu, Chairman, Sri Shakthi Institute of Engineering and Technology, Coimbatore (Chairman, Coimbatore Local Centre)

Er R Ramanavasulu, Prototype Fast Breeder Reactor (PFBR), 500 MW Project, Additional Chief Engineer,(EL), Kalpakkam (Chairman, Kalpakkam Local Centre)

Er K Vijayakumar, Consulting Engineer, Madurai (Chairman, Madurai Local Centre)

Er P Selvakumar, Director (Planning & Projects), NLC India Ltd., Neyveli (Chairman, Neyveli Local Centre)

Er K Pandian, Deputy General Manager (M-SS),Steel Authority of India Ltd., Salem Steel Plant , Salem (Chairman, Salem Local Centre)

Er R Selvaraj, Deputy General Manager , BHEL, Trichy (Chairman, Tiruchirappalli Local Centre)

Er P Sathianesa Kumar, Principal, Chandy Polytechnic College, Tuticorin (Chairman, Tuticorin Local Centre)

Er S S Mani, Additional General Manager, BHEL, Ranipet (Chairman, Ranipet Local Centre)

Dr N S Bhadrinarayana, Dean, Adhiyamaan College of Engineering, Hosur (Chairman, Hosur Local Centre)

Dr K Ramar, Principal, Einstein College of Engineering, Tirunelveli (Chairman, Tirunelveli Local Centre)

Er G Siva Subramanian, Former Chief Engineer Operator, TNEB, Chennai(Chairman, Kanyakumari Local Centre)

Col Prof N Ramachandran, Vice Chancellor, Periyar Maniammai University , Thanjavur (Chairman, Thanjavur Local Centre)

Er C Devarajan, Chairman, URC Construction Pvt Ltd., Erode (Chairman, Erode Local Centre)

Dr P Aravindan, Dean (R&D), Dr M G R Educational and Research Institute University, Chennai (Chairman, Tiruvallur Local Centre)

Dr R Venkatesan, Scientist - G, NIOT, Chennai (Chairman, Kanchipuram Local Centre)

OUT STANDING ENGINEERS:

Er M Kumar, Chief Engineer, Tamilnadu Police Housing Corporation Ltd., Chennai

Er A Pari, Director, C R P (India) Private Limited, Chennai

ANNUAL REPORT FOR THE YEAR 2017-2018

1. The Chairman and Members of the Committee of the Tamilnadu State Centre have great pleasure in presenting the Annual Report for the year 2017-2018 (Ended on 31st March 2018) to its members, giving in brief, a resume of activities of the State Centre during this period.

2. OFFICE BEARERS:

- 2.1 **Dr G Ranganath FIE**, Chairman, Principal, Adhiyamaan College of Engineering, Hosur
- 2.2 **Er R Ramdoss FIE**, Honorary Secretary, Consulting Engineer, Chennai
The following Members are serving in the Committee (Representing the Engineering Divisions given in the parenthesis)
1. **Er P Gomathi Nayagam**, Consulting Engineer, Chennai, Agriculture Engineering Division.
 2. **Dr J Arivudainambi**, Professor and Head/Aeronautical Engineering, Adhiyamaan College of Engineering, Hosur, Aerospace Engineering Division.
 3. **Er M Palani**, Former Chief General Manager, NLC India Ltd., Neyveli , Architectural Engineering Division.
 4. **Dr V Manivasagan**, Professor, Department of Biotechnology, Adhiyamaan College of Engineering, Hosur, Chemical Engineering Division
 5. **Dr P Sakthivel**, Associate Professor, Dept. of ECE, Anna University, Chennai, Computer Engineering Division
 6. **Er K P Sathyamurthy**, Deputy Chief Engineer, (Buildings) PWD, Govt of Tamilnadu , Chennai, Civil Engineering Division
 7. **Dr V Karthikeyan**, Principal, Thiagarajar Polytechnic College, Salem, Civil Engineering Division
 8. **Dr Col P Nallathambi**, Principal Structural Consultant & Managing Director, Sakthi Consultancy Pvt Ltd., Chennai , Civil Engineering Division
 9. **Dr M Ravichandra Babu**, Deputy Director, National Power Training Institute, Eastern Region, Durgapur, Electrical Engineering Division
 10. **Er A Sekar**, Chief Manager, Electrical / Management Services, NLC India Ltd., Neyveli, Electrical Engineering Division
 11. **Dr M Velan**, Chief Manager, Environment, Energy Efficiency & Corp Planning, NLC India Ltd., Neyveli, Environmental Engineering Division
 12. **Dr U Ramachandraiah**, Head, EIE Dept Hindustan University, Chennai, Electronics Engineering Division
 13. **Er M Anbalagan**, Former General Manager, Electrical Services & Communication, NLC India Ltd., Neyveli, Electronics and Telecommunication Engineering Division.
 14. **Er R Periasamy**, Former Additional Deputy General Manager, Power Station Engg., NLC India Ltd., Neyveli, Mechanical Engineering Division.
 15. **Er D Kumar**, Former Senior Manager Engineer , BHEL, Ranipet , Mechanical Engineering Division.
 16. **Er S Karuppasamy**, Former Addl General Manager, BHEL , Trichy , Mechanical Engineering Division.
 17. **Er S Kannan**, Consulting Engineer, Chennai, Marine Engineering Division.
 18. **Er M Raghunathan**, Former Dy General Manager, Mine Planning Dept., NLC India Ltd., Neyveli, Mining Engineering Division.
 19. **Er K N Sivaraju**, Past Honorary Secretary, IEI/ Salem Local Centre, Salem, Metallurgy and Material Science Engineering Division.
 20. **Dr S Muthu**, Principal, Adithya Institute of Technology, Coimbatore, Production Engineering Division.
 21. **Dr V Natarajan**, Research & Consultant, Dr M G R University, Chennai, Textile Engineering Division.

EX-OFFICIO MEMBERS:

- Er T M Gunaraja**, Director, TMG College, MIET, Chennai (Council Member) 2016 - 2020.
- Dr P Rajamani**, Council Member, Electrical Engineering Division & Vice President IE(I)
- Dr M Velan**, Council Member, Environmental Engineering Division, IE(I)
- Prof (Dr) Ms G Thilagavathi**, Council Member, Textile Engineering Division, IE(I)
- Er K P Ramanathan**, Imm Past Chairman, IE(I), TNSC Former Chief Mechanical Engineer, Chennai Port Trust, Chennai
- Er D Sundarasekaran**, Imm Past Honorary Secretary, IE(I), TNSC
- Dr S Thangavelu**, Chairman, Sri Shakthi Institute of Engineering & Technology, Coimbatore (Chairman, Coimbatore Local Centre)
- Er K Vijayakumar**, Consulting Engineer, Madurai (Chairman, Madurai Local Centre)
- Er P Selvakumar**, Director (Planning & Projects), NLC India Ltd., Neyveli (Chairman, Neyveli Local Centre)
- Er R Selvaraj**, Deputy General Manager, BHEL, Trichy (Chairman, Tiruchirappalli Local Centre)
- Er K Pandian**, Deputy General Manager (M - SS), Steel Authority of India Ltd., Salem Steel Plant, Salem (Chairman, Salem Local Centre)
- Er R Ramanavasulu**, Prototype Fast Breeder Reactor , 500 MW Project, Additional Chief Engineer, (EL), Kalpakkam (Chairman, Kalpakkam Local Centre)
- Er S Aribu Sulthan**, Superintendent Engineer, TNEB, Tuticorin Thermal Power Station, Tuticorin (Chairman, Tuticorin Local Centre)
- Er S S Mani**, Additional General Manager, BHEL, Ranipet (Chairman, Ranipet Local Centre)
- Dr J Arivudainambi**, Professor and Head/Aeronautical Engineering, Adhiyamaan College of Engineering, Hosur (Chairman , Hosur Local Centre)
- Dr K Ramar**, Principal, Einstein College of Engineering, Tirunelveli (Chairman, Tirunelveli Local Centre)
- Er G Siva Subramanian**, Former Chief Engineer Operator, TNEB, Chennai (Chairman, Kanyakumari Local Centre)
- Er N T Balasundaram**, Valuer and Consulting Engineer, Thanjavur (Chairman, Thanjavur Local Centre)
- Er C Devarajan**, Chairman, URC Construction Pvt Ltd., Erode (Chairman, Erode Local Centre)
- Dr P Aravindan**, Dean (R&D), Dr M GR Educational and Research Institute University, Chennai (Chairman, Tiruvallur Local Centre)
- Dr R Venkatesan**, Scientist - G, NIOT, Chennai (Chairman, Kanchepuram Local Centre)

OUTSTANDING ENGINEERS:

- Er M Kumar**, Chief Engineer, Tamilnadu Police Housing Corporation Ltd., Chennai
- Er A Pari**, Director, C R P (India) Private Limited, Chennai

3. ANNUAL GENERAL MEETING:

The 95th Annual General Meeting of the Tamilnadu State Centre was held on 14th October 2017 at 6.00 PM at the Institution Premises , 19 Swami Sivananda Salai, Chepauk, Chennai 600 005.

3.1 OBITUARY:

Er K A Sambamurthy FIE, Er K V Krishnasamy MIE, Er L Bheema FIE, Er C K Ranganathan MIE, Er T M Sadanandan MIE, Er R Madhavachari MIE, Er M Ratnavel FIE, Er S Nagarajan FIE

3.2 MEMBERSHIP:

The comparative statement shows the strength of Membership of the State Centre for the past five years:

Strength as on	AG	AR	AS	CH	CP	CV	EL	EN	ET	MC	MM	MN	MR	PR	TX	TOTAL	Non-Corp. Members
31.03.2014	62	32	49	420	756	5776	3938	89	2372	5624	102	123	128	340	267	20078	88984
31.03.2015	65	32	55	438	804	6089	4074	94	2439	6453	107	127	131	364	284	21556	90931
31.03.2016	68	32	69	467	967	6522	4326	101	2627	6786	113	138	135	392	295	23038	93735
31.03.2017	70	32	82	486	1088	6856	4551	112	2761	7009	124	150	136	412	299	24168	95000
31.03.2018	72	32	89	516	1167	7277	4836	120	2932	7331	136	151	144	445	305	25553	96500

4. ACTIVITIES:

The following comparative statement shows the activities under various Divisions organized by the State Centre for the past five years.

YEAR	AG	AR	AS	CH	CP	CV	EL	EN	ET	MC	MM	MN	MR	PR	TX	ID	TOTAL
31.03.2014	—	—	1	1	2	4	1	—	3	2	1	1	1	1	—	6	24
31.03.2015	1	—	—	1	1	3	3	2	1	1	—	—	—	—	—	2	15
31.03.2016	1	—	—	1	—	3	1	1	2	1	—	—	—	—	—	4	14
31.03.2017	1	—	—	—	—	3	2	—	1	6	—	—	—	—	—	—	13
31.03.2018	—	—	—	—	—	—	3	—	—	2	—	—	—	—	—	—	5

5. SEMINARS:

The following comparative statement gives the number of Seminars organised under various Divisions for the past five years by the State Centre.

YEAR	AG	AR	AS	CH	CP	CV	EL	EN	ET	MC	MM	MN	MR	PR	TX	ID	TOTAL
31.03.2014	—	1	—	1	—	—	1	1	—	—	—	—	1	—	—	3	8
31.03.2015	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	2	4
31.03.2016	1	—	1	—	—	1	—	—	—	—	—	—	—	—	1	1	5
31.03.2017	—	—	—	—	—	1	1	—	—	1	—	—	—	—	1	—	4
31.03.2018	1	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	3

NOTE: Abbreviations used in Tables: AG-Agriculture, AR-Architecture, AS-Aerospace, CH-Chemical, CP-Computer, CV-Civil, EL-Electrical, EN-Environment, ET-Electronics & Telecommunication MC-Mechanical, MM-Metallurgy & Materials Science, MN-Mining, MR-Marine, PR-Production, TX-Textiles, ID-Inter Disciplinary.

SEMINARS:

49th World Telecommunication & Information Society Day , Theme: Big Data for Big Impact - 17th May 2017

World Environment Day, Theme: Connecting People to Nature -5th June 2017

Ar F B Pithavadian Memorial Lecture - 15th July 2017

All India Seminar on "Use of Admixtures Construction and Chemicals in Construction Industry" - 10th & 11th August 2017

50th Engineers' Day, Theme: Role of Engineers in a developing India - 15th September 2017

World Standards Day, Theme: Standards Make Cities Smarter - 14th October 2017

32nd Indian Engineering Congress, Theme: Innovation in Engineering: Competitive Strategy Perspective - 21-23 December 2017

All India Seminar on "Technological Interventions in Total Value Chain of Farming to Double Farm Income" - 20th & 21st January 2018.

31st National Convention of Aerospace Engineers and National Seminar on "Innovation, Trends and Strategies of Indian Aerospace Sector - Present and Future" - 9th & 10th February 2018

World Water Day, Theme: Nature for Water - 22nd March 2018

4th IE(I) Tamilnadu State Level Students Convention, Theme: Innovation ,Technology and Knowledge Economy - 23rd & 24th March 2018

6. COMMITTEE:

The Committee of Tamilnadu State Centre met 12 times during the period under report for transacting the business connected with the activities of the State Centre.

7. REPRESENTATION IN ADVISORY BODIES:

Anna University, Academic Council (Er T M Gunaraja)

Public Works Department, Housing Assessment Committee (Dr G Ranganath)

Chennai Metropolitan Development Authority, Design Advisory Committee (Dr G Ranganath)

Central Polytechnic College Academic Board (Er T M Gunaraja)

Murugappa Chettiar Polytechnic, Academic Board (Dr G Ranganath)

Tamilnadu Polytechnic, Academic Council, Madurai (Dr P Rajamani)

PAC Ramaswamy Raja's Polytechnic, Rajapalayam, Academic Board (Dr P Rajamani)

8. TAMILNADU TECHNICIANS / STUDENTS CHAPTER:

The Tamilnadu Technicians' Chapter was activated under the convenership of Dr J Arivudainambi and the Students' Chapter is functioning

9. EXAMINATIONS:

The number of candidates who appeared for the Section A (Diploma & Non Diploma Streams) and Section B during Summer 2017 was 1000 and Winter was 1200 both the examinations were conducted at Sri Lakshmi Ammal Engineering College, Selaiyur, CHENNAI - 600126.

10. ACCOUNTS:

Statement of Income & Expenditure Accounts and Balance Sheet of the State Centre for the period ended 31st March 2018 duly audited by the Auditors and countersigned by the Chairman and Honorary Secretary.

NOTICE OF 96th ANNUAL GENERAL MEETING

Notice is hereby given that the 96th ANNUAL GENERAL MEETING , Tamilnadu State Centre on **26th October 2018 at 6.00 PM at Hotel Le Royal Meridien**, No 1, GST Road, St.Thomas Mount, Chennai - 600016 to transact the following:

1. To confirm the Minutes of 95th Annual General Meeting held on 14th October 2017.
2. To approve the Audited Accounts and Annual Report for the year ended 31st March 2018.
3. To report about the composition of the Committee for the session 2018-2019 and 2019-2020.
4. To appoint Auditors for the year 2018-2019 and to fix their Remuneration.

4th October 2018
Chennai

Er R RAMDOSS
Honorary Secretary

Note:The Minutes of the 95th Annual General Meeting is **re-published** elsewhere in this issue of the Bulletin. The Audited Statement of Accounts and the Annual Report for the year ended 31st March 2018 is also published in this issue for the information of all the members.

AUDITOR'S REPORT

We report that we have audited the annexed Balance Sheet of the **Institution of Engineers (India), Tamilnadu State Centre**, Chennai as at 31st March 2018, signed by us under reference to this report and the relative **Income & Expenditure Accounts** for the year ended on that date which are in agreement with the books of accounts maintained at 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 & Expenditure Account together with the notes thereon and subject to Comments Nil in **Annexure (1)** give a true and fair view of the state of affairs of The Institution of Engineers (India), Tamilnadu State Centre, Chennai as on **31.03.2018** and the **excess of its Income over Expenditure** for the year ended on that date.

Subject to the comments in **Annexure (2)** we have obtained all the information and explanations which to the best of our knowledge and belief were necessary for our audit.

NOTES FOR COMMENT OF CENTRE'S AUDITORS FOR THE YEAR ENDED 31.03.2018

Centre's Auditors to see and comment under the following points and where applicable

1. (a) Title deeds of land – whether seen or not.	N.A	(c) Whether the Centre has procured goods/services from an unregistered person exceeding Rs 5000/- per day GSTN wise in its entirety and whether the relevant GST is being regularly deposited under reverse charge mechanism?	N.A
(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.	YES	(d) Whether tax invoice/bill of supply is being regularly issued for all taxable /exempted services?	YES
(c) Lease deeds whether still valid ? YES		(e) Whether the outward register/inward register is being properly maintained?	YES
(d) Present position of building under construction – whether still incomplete or not, duly certified by Chartered Engineer.	N.A	(f) Whether the Centre has been regularly submitting the monthly/annual returns within due dates? If not details to be provided.	YES
(e) Actual cost of acquisition of land including development charges, if any, included under building construction should be shown separately.	N.A	(g) Whether special GST audit has been conducted by the State Centre in case of turnover of the State centre along with the local centre is more than Rs 2 crore during the financial year? If yes whether GST audit report and a reconciliation statement in Form GSTR 9C has been submitted.	N.A
(f) Lease deeds of land/building whether free from encumbrances.	YES	3. (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.	N.A
(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.	YES	(b) Contingent liability in respect of suits filed against the Centre, if any, to be ascertained.	N.A
(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 incorporated in the Register.	YES	(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.	YES
(i) Whether fixed assets of the Centre were physically verified by the Management during the year	YES	4. Matters which do not really distort the truth and fairness of the accounts should not form part of the report and report separately :	N.A
(j) We have physically verified the cash balance and original fixed deposits certificates, bank confirmations and no exception have been noted.	YES	(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.	N.A
(k) We have physically verified all investments and a copy of details of such investments attached herewith.	YES	(b) Utilization of fund transfer from headquarters for construction of building and acquiring of other assets to be checked and reported upon.	N.A
(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.	YES	(c) Statement of closing stock of stores/stationery to be certified by the management and to be attached along with audit report.	N.A
(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 31 st March for relevant year.	N.A	5. Whether the centre has adhered to the Royal Charter, Bye-Laws, Regulations and code of ethics and Financial Norms and Rules? If not details to be provided.	YES
2. (a) Has the State Centre taken registration under GST Act and included the names of all local centres within their jurisdiction as an additional place of business?	YES	6. 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.	NO
(b) Whether GST is being collected/deposited regularly as per GST Act and rules. The details of collection /deposit of GST attached herewith.	YES		

BALANCE SHEET AS ON 31st MARCH 2018

31 st March 2017 Rs.	LIABILITIES	Schedules	31 st March 2018 Rs.	31 st March 2017 Rs.	ASSETS	Schedules	31 st March 2018 Rs.
72,85,405	Reserves & Surplus	7	1,19,65,649	83,27,511	Fixed Assets	1	85,56,656
—	Earmarked Funds	8	—		Investments - Long Term		
23,35,699	Current Liabilities and Provisions	9	23,35,700	3,79,609	Fixed Deposits with Banks	2	28,49,460
6,00,000	Head Office Loan		4,00,000		Current Assets		
				13,25,298	Stock	3	—
					Sundry Receivables	4	—
					Cash & Bank Balances and Short Term Fixed Deposits with Banks	5	30,42,504
					Other Advances	6	—
				35,166	Interest outstanding and accrued on Investments	2	64,043
				87,871	Security Deposits		35,166
				65,649	Recurring Grant Receivable		87,871
					Assets of IEC Seminar		65,649
1,02,21,104	TOTAL		1,47,01,349	1,02,21,104	TOTAL		1,47,01,349

The Institution of Engineers (India)
Tamil Nadu State Centre
Sd/-

Sd/-
S. SHANKER & ASSOCIATES
Chartered Accountants

Place : Chennai
Date : 30.06.2018

Dr. G. RANGANATH
Chairman

Er. R. RAMDOSS
Hony. Secretary

(R. JAGANNATHAN)
Partner
M. No. 27227

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2018

TOTAL 2016-17	EXPENDITURE	TOTAL 2017-18	TOTAL 2016-17	INCOME	TOTAL 2017-18
8,95,851	To Salaries and Allowances, etc. to Temporary staff	8,90,999		Grant received from Head Quarter:	
	To Direct Expenses on Education,		17,34,720	By Annual Recurring Grant	30,04,080
2,09,500	To Examination and Accreditation Services	2,37,832	—	By Manpower Grant	8,21,796
—	To Expenses for Seminars and Symposia	3,03,640	2,22,596	By Examinations advances	1,52,000
30,31,502	To Expenses on Technical Activities	5,02,926	6,22,520	By Technical activities - 32 IEC 2017	22,89,510
—	To Prize Awarded	26,340	7,68,000	By Land and Building Grant	14,50,000
—	To Expenses for Lectures	10,620	1,42,460	By Incentives	45,000
—	To Annual General Meeting Expenses	36,520	1,62,068	By Election Grant	1,08,763
—	To General Meeting Expenses	37,852	8,21,846	By Reimbursement of TA/DA	—
—	To 32 IEC 2017 Expenses	2,83,544	—	By Others (if any)	5,00,000
51,580	To Printing and Stationery	3,28,080	59,000	By Advertisement	8,08,000
51,523	To Postage and Telegram	1,63,862	30,149	By Fixed Deposits	33,894
55,415	To Telephone and Telex Expenses	30,787	65,921	By Interest from Savings Bank Accounts	1,10,070
1,34,166	To Electricity Charges	1,46,768		By Receipts for National Convention of Division Registration Fees received from Seminars and Symposia	7,97,202
1,700	To Bank Charges	1,197	65,360	— By Sponsorship fees	10,93,000
3,42,065	To Charges General	15,24,148	5,34,001	By Donations	8,40,200
14,096	To Rent, Rates and Taxes	2,19,393	—	By Receipt from 32 IEC 2017	37,78,949
18,929	To Refreshment Expenses	51,86,674	—	By Receipts for Technical Activities	92,460
—	To Statutory Audit Fees	14,750	1,72,800	By Hall/Space rent	
14,375	To Other Auditors' Fees	7,500	2,20,900	By Rent received from guest house accomodations	1,95,400
	To Repairs and Maintenance :		—	By Miscellaneous Income	33,220
9,03,539	- Buildings	5,00,958			
50,269	- Others	8,70,175			
86,180	To Books and Periodicals	12,300			
14,500	To Travelling and Conveyance	1,23,182			
—	To Miscellaneous Expenses	13,253			
-2,52,898	To Excess of Income Over Expenditure	46,80,244			
56,22,341	GRAND TOTAL	16,153,544	56,22,341	GRAND TOTAL	16,153,544

The Institution of Engineers (India)
Tamil Nadu State Centre
Sd/-

Dr. G. RANGANATH
Chairman

Er. R. RAMDOSS
Hony. Secretary

As per report annexed
Sd/-
S. SHANKER & ASSOCIATES
Chartered Accountants
(R. JAGANNATHAN)
Partner

Place : Chennai
Date : 30.06.2018
M. No. 27227

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TECHNICAL PROGRAMME FOR OCTOBER 2018

Venue: IE (I) Auditorium (Unless mentioned otherwise)

26th&27th October 2018 34th National Convention of Chemical Engineers and National Seminar on “Bio- degradable Materials and Bio-Technology for Environmental Protection in Chemical and Pharmaceutical Industries”
9.00 a.m. - 5.00 p.m. at Hotel Le Royal Meridien, Chennai.

26th October 2018 96th Annual General Meeting (6.00 p.m.) and Annual Session (7.00 p.m.) at Hotel Le Royal Meridien, Chennai.

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Posted on: 13th October 2018
Posted at: Egmore RMS (Patrika)

Bulletin

IF UNDELIVERED RETURN TO:
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