

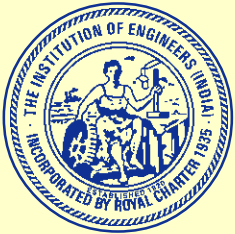
Institution of Engineers (India)

T.N. STATE CENTRE

BULLETIN

Dr. G. Ranganath, FIE
Chairman

Er. R. Ramdoss, MIE
Honorary Secretary



Vol. 16 : No. 7

October 2017

From the Chairman's Desk....



Dear Fellow Engineers,
Greetings to all of you.

I hope that the Dusshera and Pooja Holidays would have given you a refreshed spirit to restore your usual commitments. The 32nd Indian Engineering Congress 2017 is all set to spread its wings wide open, welcoming all the Engineers of various disciplines around the country and the globe to its hub during 21-23 December 2017 at Le Royal Meridien, Chennai under the theme "Innovation in Engineering: Competitive Strategy Perspective". I request all members to actively participate in the mega event and make it a grand success.

My desire is that all 15 Local Centres should extend their all-out support in all respects to make the show a grand success so that no other Centres in our country had organized the Indian Engineering Congress in such a grand manner both qualitatively and quantitatively.

I reiterate 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.

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

My advance wishes to all of you for a Happy Diwali.

Dr. G Ranganath
Chairman

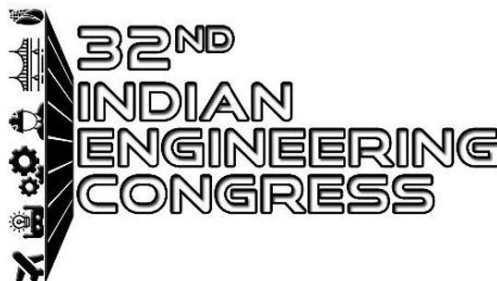
The Institution of Engineers (India)

TAMILNADU STATE CENTRE

ORGANIZES



VENUE
Le Royal Meridien,
Chennai



DATE
21st-23rd
December, 2017

THEME: INNOVATION IN ENGINEERING: COMPETITIVE STRATEGY PERSPECTIVE

CONGRESS SECRETARIAT:
32nd Indian Engineering Congress,
Tamilnadu State Centre,
No.19, Swami Sivanada Salai,
Chepauk, Chennai 600 005.

GET IN TOUCH WITH US:
Phone: 044 — 2536 0614 / 2536 9433
Write us at queries@iec2017chennai.in
Visit us at www.iec2017chennai.in

PROCEEDINGS OF THE 50TH ENGINEERS' DAY

Theme: "Role of Engineers in a developing India"

15th September 2017



The 157th birth anniversary of Sir M Visvesvaraya was celebrated as 50th Engineers' Day by the IE(I), Tamilnadu State Centre in association with IE(I), Kanchepuram Local Centre & IE(I), Tiruvallur Local Centre on Friday the 15th of September 2017. **Er S Ravishankar** FIE, Assistant Vice President - Marketing, Bharathi Cement Corporation Private Ltd., Chennai was the Chief Guest. Chief Guest, Chairman, Council Member, Honorary Secretary, and Committee Members offered flowers to the portrait of **Bharat Ratna Sir M Visvesvaraya**. **Dr G Ranganath** FIE Chairman, IE(I), TNSC welcomed the gathering and expressed his gratitude to the Chief Guest for accepting our invitation to be the Chief Guest for the Engineers' Day. **Er T M Gunaraja** FIE Council Member delivered the glimpses from the life sketch of Bharat Ratna Dr Sir M Visvesvaraya.

Felicitation address was delivered by **Dr P Aravindan** FIE Chairman IE(I) Tiruvallur Local Centre and **Dr S R R Senthilkumar** FIE Honorary Secretary IE(I) Kanchepuram Local Centre .

Er Naresh Kumar delivered a motivational speech to the gathering. **Er S Ravishankar** FIE Assistant Vice President - Marketing, Bharathi Cement Corporation Private Ltd., Chennai delivered the thematic address on the theme "**Role of Engineers in a developing India**". **Dr G Ranganath**, Chairman, IE(I), TNSC honoured the Chief Guest **Er S Ravishankar** with memento and shawl.

On behalf of the 50th Engineers Day Celebration a technical symposium event was conducted on 14th September 2017 at IE(I),TNSC auditorium. Engineering Students from various colleges have participated in the paper presentation on the theme "Role of Engineers in a developing India". The prize winners were awarded with the certificates and participation certificates were issued to the students on the Engineers' Day Celebration.

Er R Ramdoss MIE Honorary Secretary delivered the Vote of Thanks and thanked all the Sister Institutions for joining with us and thanked the students participated in the celebrations. About 200 members took part in this celebrations.

MINUTES OF THE 94TH ANNUAL GENERAL MEETING

31st October 2016

MINUTES of the 94th Annual General Meeting of the Tamilnadu State Centre held on 31st October 2016 at 5.30 pm at the IE(I) Auditorium, 19 Swami Sivananda Salai, Chepauk, Chennai 600005.

Before taking up the agenda, Er K P Ramanathan, Chairman requested all the members present to observe one minute silence in memory of the following members who expired during the year for their souls to rest in peace:

Er Kesavelu Balaraman FIE, Er R Murugesan MIE, Er K Devaraj MIE, Er J N Iyer MIE, Er S Neelakantan MIE, Er S Srinivasan MIE, Er V Janardhanan MIE, Er CR Subramanian MIE, Er G Radhakrishnan FIE, Er R Krishnamurthy MIE, Er V Venkatesan AMIE.

1. To Confirm the Minutes of the 93rd Annual General Meeting of the Tamilnadu State Centre held on 31st October 2015

Chairman informed that the minutes of the 93rd Annual General Meeting held on 31st October 2015 was circulated to the members through the Bulletin of Dec. 2015 and was republished in the Oct. 2016 issue which may be taken as read.

As no comments were received, Dr R Murugesan, FIE proposed that the Minutes may be confirmed. Er K P Sathyamurthy, MIE seconded the same.

The Minutes of the 93rd Annual General Meeting was confirmed.

2. To Receive the Audited Accounts and the Annual Report for the year ended 31st March 2016

Chairman informed that the Audited Accounts and the Annual Report for the year ended 31st March 2016 was circulated to the members vide Bulletin October 2016 issue and may be taken as read.

As no comments were received from the members on the audited accounts and the annual report, Er Zacharia George, FIE proposed that the Audited Accounts and the Annual Report for the year ended on 31st March 2016 may be confirmed. Er N Senthilkumar, MIE seconded the same.

The Audited Accounts and the Annual Report for the year ended 31st March 2016 were received.

3. To Appoint the Auditors for the year 2016-2017 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 2016-2017 at the remuneration of Rs.12500/=

Er T M Gunaraja, FIE proposed that the services of the existing Auditors may be continued for the year 2016-17 at the remuneration of Rs.12000/. Dr G Ranganath, FIE seconded the same.

4. To Report on the composition of the Committee for the sessions 2016-2017

Chairman informed that the New Committee will take charge for the session 2016-2017 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, 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**, General Manager, Electrical Services & Communication, NLC India Ltd., Neyveli (Electronics and Telecommunication 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**, Addl General Manager, BHEL, Trichy (Mechanical Engineering Division)
16. **Er D Kumar**, Consulting Engineer, Chennai (Mechanical Engineering Division)
17. **Er S Kannan**, Consulting Engineer, Chennai (Marine Engineering Division)
18. **Er K N Sivaraju**, Past Honorary Secretary, IE(I), Salem Local Centre, Salem (Metallurgy and Material Science Engineering Division)
19. **Dr S Muthu**, Principal, DMI College of Engineering, Chennai (Production Engineering Division)
20. **Dr V Natarajan**, Principal, Apollo Priyadarshanam Institute of Technology, Chennai (Textile Engineering Division)

EX-OFFICIO MEMBERS

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

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

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

Er R Ramanavasu, Prototype Fast Breeder Reactor (PFBR), 500 MW Project, Additional Chief Engineer, 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, Director General Manager, BHEL, Trichy (Chairman, Tiruchirappalli Local Centre)

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

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

ANNUAL REPORT FOR THE YEAR 2016-2017

1. The Chairman and Members of the Committee of the Tamilnadu State Centre have great pleasure in presenting the Annual Report for the year 2016-2017 (Ended on 31st March 2017) 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 MIE**, Honorary Secretary, Consulting Engineer, Chennai
The following Members are serving in the Committee (Representing the Engineering Divisions given in the parenthesis)
- Er P Gomathi Nayagam**, Consultant Engineer, Chennai, Agriculture Engineering Division.
 - Dr J Arivudainambi**, Professor and Head/Aeronautical Engineering, Adhiyamaan College of Engineering, Hosur, Aerospace Engineering Division.
 - Er M Palani**, Former Chief General Manager, NLC India Ltd., Neyveli, Architectural Engineering Division.
 - Dr V Manivasagan**, Professor, Department of Biotechnology, Adhiyamaan College of Engineering, Hosur, Chemical Engineering Division
 - Dr P Sakthivel**, Associate Professor, Dept. of ECE, Anna University, Chennai, Computer Engineering Division
 - Er K P Sathyamurthy**, Deputy Chief Engineer, (Buildings) PWD, Govt of Tamilnadu, Chennai, Civil Engineering Division
 - Dr V Karthikeyan**, Principal, Thiagarajar Polytechnic College, Salem, Civil Engineering Division
 - Col P Nallathambi**, Principal Structural Consultant & Managing Director, Sakthi Consultancy Pvt Ltd., Chennai, Civil Engineering Division
 - Dr M Ravichandra Babu**, Deputy Director, National Power Training Institute, Neyveli, Electrical Engineering Division
 - Er A Sekar**, Chief Manager, Electrical / Management Services, NLC India Ltd., Neyveli, Electrical Engineering Division
 - Dr M Velan**, Chief Manager, Environment, Energy Efficiency & Corp Planning, NLC Ltd., Neyveli, Environmental Engineering Division
 - Dr U Ramachandraiah**, Head, EIE Dept Hindustan University, Chennai, Electronics Engineering Division
 - Er M Anbalagan**, Former General Manager, Electrical Services & Communication, NLC India Ltd., Neyveli, Electronics and Telecommunication Engineering Division
 - Dr R Periasamy**, Chief Manager, Power Station Engg., NLC India Ltd., Neyveli, Mechanical Engineering Division
 - Er D Kumar**, Former Senior Manager Engineer, BHEL, Trichy, Mechanical Engineering Division
 - Er S Karuppasamy**, Former Addl General Manager, BHEL, Trichy, Mechanical Engineering Division
 - Er S Kannan**, Consulting Engineer, Chennai, Marine Engineering Division
 - Er M Raghunathan**, Former Dy General Manager, Mine Planning Dept., NLC India Ltd., Neyveli, Mining Engineering Division
 - Er K N Sivaraju**, Past Honorary Secretary, IEI/ Salem Local Centre, Metallurgy and Material Science Engineering Division
 - 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) -2016-17 to 2018-19.
- Er P Rajamani**, Council Member, Electrical Engineering Division, Madurai
- Dr M Velan**, Council Member, Environmental Engineering Division, Neyveli
- Prof (Dr) Ms G Thilagavathi**, Council Member, Textile Engineering Division, Coimbatore
- Er K P Ramanathan**, Imm Past Chairman, IE(I), TNSC
- 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 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 GR Educational and Research Institute University, Chennai (Chairman, Tiruvallur Local Centre)
- Dr R Venkatesan**, Scientist - G, NIOT, Chennai (Chairman, Kancheepuram 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 94th Annual General Meeting of the Tamilnadu State Centre was held on 31st October 2016 at 5.30 PM at the Institution Premises, 19 Swami Sivananda Salai, Chepauk, Chennai 600 005

3.1 OBITUARY:

Er K C Sankaranarayanan FIE, Er K Shunmugam FIE, Er S Malayappan FIE, Er S Jayaraman MIE, Er K Venugopal MIE, Er K Rajalingam FIE, Er S Kalimuthu MIE, Dr K Muthukumar FIE, Dr N S Venkataraman FIE, Er K Rama Moorthy MIE, Er R Krishnamurthy MIE, Er R Vaidyanathan FIE, Er M S Padmanabhan 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
31.03.2013	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19877	67609
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

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
31.03.2013	1	2	1	—	—	4	1	1	—	2	—	—	—	—	—	4	16
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

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
31.03.2013	1	—	—	—	1	1	1	1	2	2	—	—	—	—	—	2	11
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

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:

48th World Telecommunication and Information Society Day, 17th May 2016

World Environment Day, 6th June 2016

All India Seminar on "Latest Developments in Technical Textiles and Marketing of Technical Textiles and apparels" on 22nd & 23rd July 2016.

One day workshop on "Safe & Efficient Transport System for Chennai" on 20th August 2017.

Ar FB Pithavadian Memorial Lecture on 16th August 2016

49th Engineers' Day, 15th September 2016

World Habitat Day, 5th October 2016

All India Seminar on "Make in India" on 7th & 8th October 2016.

World Standards Day, 14th October 2016

Energy Conservation Day, 7th January 2017

All India Seminar on "Renewable Energy - Present Scenario" on 3rd & 4th March 2017

3rd IE(I), Tamilnadu State Level Students Convention on the theme "Innovation, Technology and Knowledge Economy" on 17th & 18th March 2017

World Water Day, 22nd March 2017

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 (Dr D Thirunakkarasu)

Murugappa Chettiar Polytechnic, Academic Board (Er P R Seshadri)

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

PAC Ramaswamy Raja's Polytechnic, Rajapalayam, Academic Board (Er 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 2016 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 2017 duly audited by the Auditors and countersigned by the Chairman and Honorary Secretary.

NOTICE OF 95th ANNUAL GENERAL MEETING

Notice is hereby given that the **95th ANNUAL GENERAL MEETING of the Tamilnadu State Centre on 14th October 2017 at 6.00 PM** at the Institution premises, 19, Swami Sivananda Salai, Chepauk, Chennai - 600 005 to transact the following:

1. To confirm the Minutes of 94th Annual General Meeting held on 31st October 2016.
2. To receive the Audited Accounts and Annual Report for the year ended 31st March 2017.
3. To report about the composition of the Committee for the session 2017-2018
4. To appoint Auditors for the year 2017-2018 and to fix their Remuneration.

10th October 2017
Chennai

Er R RAMDOSS
Honorary Secretary

Note: The Minutes of the 94th 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 2017 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 2017, 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 **31.03.2017** 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 31.03.2017

Centre's Auditors to see and comment under the following points and where applicable under items 1 and 2 of the Audit Report

1. (a) Title deeds of land - whether seen or not.	No	(l) Whether tax deducted at source from salary, contractors bill etc. are being deposited regularly as per Income Tax Rules.	Yes
(b) "Alternative documents in absence of lease or title deed so as to prove the legal possession and authorisation for use by centre - to be seen."	Yes	(m) Besides, the other matters, if any, cropped up in the 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 of relevant year.	No
(c) Lease deeds whether still valid?	Yes	2. (a) Progress / completion of construction work as on 31 st March in respect of additions made during the year to the existing building to be checked	N.A.
(d) "Present position of building under construction - whether still incomplete or not,"duly certified by Chartered Engineer."	N.A.	(b) Contingent liability in respect of suits filed against the Centre, if any, to be ascertained	NIL
(e) "Actual cost of acquisition of land including development charges, if any, included"under building construction should be shown separately."	N.A.	(c) We have obtained external confirmation for all the year end balance 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
(f) Lease deeds of land/building whether free from encumbrances.	Yes	3. Matters which do not really distort the truth and fairness of the accounts should not form part of the report and reported separately	
(g) "Confirm whether the 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 organisation has been made."	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.	NIL
(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	(b) Utilisation of fund transfer from headquarters for construction of building and acquiring of other assets to be checked and reported upon.	Yes
(i) "Whether fixed assets of the Centre were physically verified by the Management" during the year"	Yes	(c) Statement of closing stock of stores/stationery to be credited by the management and to be attached along with audit report.	NIL
(j) We have physically verified the cash balance and original fixed deposit certificates and no exception noted	Yes	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.	No
(k) "We have physically verified all investments and a copy of details of such investments" attached herewith."	Yes		

S. SHANKER & ASSOCIATES
CHARTERED ACCOUNTANTS
(R. JAGANNATHAN)
Partner
(M.No. 27227)

Place : Chennai
Date : 24.06.2017

BALANCE SHEET AS ON 31st MARCH 2017

LIABILITIES	31.03.2017 Rs. P.	31.03.2016 Rs. P.	ASSETS	31.03.2017 Rs. P.	31.03.2016 Rs. P.
Reserves & Surplus			Fixed Assets		
Head Quarters Account	3,675,266	3,928,164	Land & Buildings	6,145,663	6,145,663
Building Fund	1,332,132	1,658,329	Furniture & Equipment	2,181,848	1,970,249
Furniture Fund	190,811	190,811	Investments	379,609	349,463
General Fund	4,885	4,885	Current Assets		
Depreciation Fund	2,082,311	2,082,311	Sundry Debtors	—	—
Head Office Loan	600,000	800,000	Loans & Advances	—	—
Grant - Received in Advance	—	—	Security Deposits	35,166	35,166
Current Liabilities & Provisions			Stock of Rules & Syllabus	—	—
Pithavadiyan Memorial Lecture Fund	15,000	15,000	Cash & Bank Balances		
Late R. Sambasivam Endowment Fund	5,000	5,000	Cash on Hand	811	288
Dr. KCG Verghese Memorial Lecture Fund	100,000	100,000	Cash at Bank	1,324,487	2,154,376
Dr. Kiran Memorial Award Fund	25,000	25,000	Cheques in Hand	—	—
TNSC Guest House Fund	1,845,861	1,845,861	Recurring Grant Receivable	87,871	87,871
Library Deposits	132,065	132,065	T D S Receivable	—	—
Liabilities for Expenses	212,773	21,300	IEC Expenses - General Fund	—	—
			Assets of IEC Seminar (Sep Sch)	65,649	65,650
	10,221,104	10,808,726		10,221,104	10,808,726

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

Sd/-
S. SHANKER & ASSOCIATES
Chartered Accountants
(R. JAGANNATHAN)
Partner
M. No. 27227

Place : Chennai
Date : 24.06.2017

Er. G. RANGANATH
Chairman

Er. R. RAMDOSS
Hony. Secretary

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2017

TOTAL 31.03.2016	EXPENDITURE	TOTAL 31.03.2017	TOTAL 31.03.2016	INCOME	TOTAL 31.03.2017
	Establishment Expenses, Research & Development Education			By Grant Received From Head Quarters Research & Development Education	
370,409	To Salaries & Wages	-	1,685,570	By Recurring Grant	1,734,720
5,787	To Dearness Pay & Allow., + Arrears	1,977	6,000	By Incentive For Grant for timely Submission of Accounts	6,000
28,650	To Conveyance Allowance	57,508	90,000	By Incentive - Towards Institutional Members	136,460
4,500	To House Rent Allowance		-	By Grant for Seminar	65,360
508,848	To Ad Hoc Bonus		-	By Grant for Training Programme	-
11,880	To Salary to Temp Staff/ Casual Staff	749,413		By Grant for Bonus	-
	To Books & Periodicals	14,680	700,000	By Grant for Land & Building	768,000
	Office Expenses , Repairs & Maintain, General Charges, Research & Development Education		158,655	By Grant - Election Expenses	162,068
47,816	To Postage & Stamps	51,523		Reimbursement from Head Quarters & Research Development Education	
48,068	To Telephone	55,415	739,608	By Reimbursement for Pay & Allowance	821,846
33,985	To Printing & Stationary	51,580		Library Receipts and Other Receipts	
101,918	To Electricity Charges	134,166	30,000	By Lecture Meeting Contributions	-
64,640	To Building & Other Maintenance	889,744		By Donation - Building Fund, Flood Relief Fund etc.,	534,001
54,157	To Refreshment Expenses	17,845	162,003	By Hall Rent	172,800
10,520	To Rates & Taxes	9,760	282,525	By Advertisement Charges	59,000
1,590	To One Day Works	85,998	36,000	By Guest House Rent	220,900
24,565	To Internet Expenses	4,000	226,100	By Arbitrator Appointment	-
2,540	To Gardening Expenses	15,125	50,000	Grant From Head Quarters for Students Education	
11,566	To Water Charges	9,640		Summer Exams	-
	To Led Sign Board&Granite Stone Purchased	201,728		Winter Exams / AMIE Exams	222,596
30,036	To ComputerMaintenance Charges	13,795	216,040	Receipts for Technical Activities	
925	To Office Expenses	18,074		Seminar Contributions	605,020
46,144	To Conveyance Expenses	14,500	870,449	Technical Visit Collections	-
86,865	To Guest House Maintenance	40,957	25,000	RDC Project	-
740	To Bank Charges	1,700	72,300	Contributions - Engineers Day	17,500
7,500	To Accounting Charges	7,500		Interest / Dividend Income	
13,800	To Audit Fees	14,375	30,441	By Interest on Fixed Deposit	30,149
5,420	To Lease Rent - Land	5,420	40,032	By Interest on Savings Bank	65,921
14,188	To Books for the Library	71,500			
80,003	To Equipment Maintenance	9,312			
87,000	To Security - Salary	87,000			
	Expenses for Technical Activities & Meeting Expenses				
75,051	To Engineers Day Celebration	99,959			
514,289	To Printing - Bulletin	647,142			
92,065	To Meeting Expenses	110,502			
764,684	To Seminar Expenses	470,731			
35,499	To 94th Annual Session	41,005			
9,678	To Facilitaion Expenses	35,557			
80,920	To Postage & Labour - Bulletin	-			
—	To Election Expenses	1,626,606			
	Examination Expenses - Direct Basis of Allocation - Education				
—	Summer Exam Expenses				
—	Winter Exam Expenses (AMIE)	209,500			
—	Excess of Income over Expenditure	(252,898)			
5,420,725		5,622,341	5,420,725		5,622,341

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

Er. G. RANGANATH
Chairman

Er. R. RAMDOSS
Hony. Secretary

As per report annexed
Sd/-
S. SHANKER & ASSOCIATES
Chartered Accountants
(R. JAGANNATHAN)
Partner
M. No. 27227

Place : Chennai
Date : 24.06.2017

Registered with the Registrar of Newspapers for India, No. TNEN G/2001/5585

DATE OF PUBLICATION: 1st of every month
Regd. No. TN/CH(C)/344/15-17
Licence No. TN/PMG(CCR)/WPP 455/15-17



BHARATHI CEMENT CORPORATION PRIVATE LIMITED
KALBURGI CEMENT PRIVATE LIMITED

(For Enquiries, Please Contact: 9500008150, 9940111589)

TAMIL NADU: Chennai: No. 8 (Old No. 10A), Tarapore Avenue, 8th Avenue, Harrington Road, Chetpet, Chennai - 600 031. P: 044 39101481.
Coimbatore: No.9/87, Old No. 68, Sathyamoorthy Road, Ramnagar, Coimbatore - 641 009. P: 0422 - 2233 885/ 2233 985. **Madurai:** Plot No. 78, East 4th Street, K.K.Nagar, Madurai - 625 020. P: 0452 - 2580010. **Salem:** No. 13, A - Block, 2nd Floor, Green Park Avenue, TNHB Colony, Omalur Main Road, Salem - 636 004. P: 0427 - 2449448. **Trichy:** G10, JC Abode, No. 20, Karur Bye Pass Road, Annamalai Nagar, Trichy - 620 018. P: 0431 - 2750552. **Vellore:** No. 8, Gopalapuram, Gandhi Nagar, Vellore - 632 006. P: 0416 - 2244941.



www.bharathicement.com | Toll Free: 1800 200 9669

TECHNICAL PROGRAMME FOR OCTOBER 2017

Lecture: 6.00 p.m.

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

Tea: 5.45 p.m.

14th Oct. 2017

WORLD STANDARDS DAY. Theme: "Standards Make Cities Smarter"

14th Oct. 2017

95th Annual General Meeting

FORTHCOMING EVENTS

3rd&4th Nov. 2017

31st National Convention of Aerospace Engineers on "Innovation, Trends and Strategies of Indian Aerospace Sector - Present and Future" at Sathyabama University, Chennai

24th&25th Nov. 2017

33rd National Convention of Electrical Engineers on "Hybrid AC/DC Power Systems for Effective Utilization of Renewable Energy" to be organized by IE(I) Tiruchirappalli Local Centre, BHEL Main Office Road, Tiruchirappalli - 620014.

Licensed to post without pre-payment

Posted on: 10th October 2017

Posted at: Egmore RMS (Patrika)

Bulletin

IF UNDELIVERED RETURN TO:

The Institution of Engineers (India)

Tamilnadu State Centre

19, Swami Sivananda Salai, Chepauk, Chennai - 600 005.

Phone: 044-25360614 / 25369433

E-mail: ieitamilnadu@gmail.com / tncs@ieindia.org Website: www.ieitamilnadu.org

Printed by Er R Ramdoss and Published on behalf of The Institution of Engineers (India), Tamilnadu State Centre, 19, Swami Sivananda Salai, Chepauk, Chennai 600 005 and Printed at Sunitha Printers, 193, Peters Road, Chennai 600 014. Editor: Er R Ramdoss