

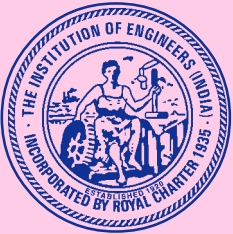
Institution of Engineers (India)

T.N. STATE CENTRE

BULLETIN

Chairman :
Er. K.P. Ramanathan, FIE

Honorary Secretary :
Er. D. Sundarasekaran, FIE



Vol. 15 : No. 6

September 2016

From the Chairman's Desk....

Dear Engineers,

I would like to share some of the points on management consulting to develop the Nation Building.

In India, as in much of the Asia Pacific region, infrastructure has become top priority. Economic growth is fast outstripping infrastructure, and this predicament could stall future development if not redressed and corrected in the next few years. Nearly every category of infrastructure is wanting, be it telecommunications, power generation, airports, sea ports, water supply and sewage disposal, urban roads or rural highways.

India needs more of all these, and needs them fast, to achieve and sustain the level of growth sought under the common minimum programme.

Management consulting assignments, in this context, cover the social sectors (such as health and education), the provision of basic services to the poor (drinking water and sanitation, primary health care); these, too, are related to the availability of infrastructure and the provision of affordable services.

Pricing and cost recovery, generating new sources of revenues to finance this infrastructure, are some of the areas where consultants can provide workable solutions.

To develop and sustain such an administrative machinery, which is creative and adaptable to the dynamic forces of the future, it is essential to have suitable organisation structures, human resources policies and systems and procedures, which should strive to motivate the employees and at the same time, satisfy the public at large.

Management consultancy is about effecting change; indeed, its practitioners have often been referred to as agents of change. Management consultancy is, in effect, a catalyst and a multiplier, rapidly dispersing new Knowledge, new skills and new capabilities through the economy.

I am sure that some of the Corporate Members are already doing the Management consulting services in one way or other in the various Institutions / organizations / Industries and Government Sectors for the Development of the Infrastructure towards Nation Building.

Thank you,

I will meet you again.

Er K P Ramanathan
Chairman



Chairman & Honorary Secretary - Elect for the session 2016-2018 of TNSC

Dr G Ranganath, FIE has been elected unanimously as a Chairman and **Er R Ramdoss**, MIE has been elected unanimously as a Honorary Secretary for the session 2016-2018 of TNSC.

49TH ENGINEERS DAY

September 15, 2016

Theme: "Skill Development for Young Engineers to Reform the Core Sector: Vision 2025"

September 15 is celebrated every year in the country as "**Engineers' Day**" to commemorate the birthday of the legendary engineer Sir Mokshagundam Visvesvaraya. Sir Visvesvaraya, an eminent Indian engineer and statesman was born in a remote village of Karnataka, the State that is incidentally now the



Hi-tech State of the country. Due to his outstanding contribution to the society, Government of India conferred "Bharat Ratna" on this legend in the year 1955. He was also called the precursor of economic planning in India. His learned discourse on economic planning in India,

Planned Economy for India and Reconstructing India, was the first available document on the planning effort of the country and it is still held as the parent source matter for economic planners. A theme of

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national importance is chosen every year by the National Council of the Institution and deliberated at its various State/Local Centres to educate the engineering fraternity in general and the society in particular. This year the National Council of the Institution has selected the theme as “Skill Development for Young Engineers to reform the Core Sector: Vision 2025”.

There is immense pressure in restructuring global economy by means of global flow of goods, services and knowhow, when some industries decline as well as new avenue of opportunities is created. This force in turn creates the demand for re-skilling of those redundant workforce as well as skill-upgradation and training and development to promote new skills for those newly employed in new industries. Government across the states have taken some initiatives to address the major challenge of scaling up disparate skill development initiatives of different departments. Within a short span of time of less than ten years, a lot of skilled manpower is need to be developed, required by the market driven approach. The requirement of skilled manpower in

all the major sectors of the country is not only a matter of national urgency, but also it is increasing in scale. However, Government of India has set a target to impart the necessary skills to 500 million people by the year 2022.

The five sectors, which are identified with the expectation to create majority of employment are infrastructure, auto, building and construction, textiles and transportation.

Now, like other employment sectors, shortage of required skills is one of the major constraints for the pass out engineering cadre for continuing growth of Indian economy. Different employer surveys addressed this knowledge gap and emphasize upon analysis and development of the classified skills for improved productivity.

In manufacturing, IT, infrastructure, power sector, engineers play a crucial role. In different real life situations, there arises unmet demand of skilled manpower. Different national and international bodies have carried out survey and analysis on this growing aspect of engineering fraternity and expressed concerns about the skills and knowledge at all level of workforce. As per the analysis of employer’s feedback, specific skills can be categorised as core employability skills, communication skills and professional skills and thus, a policy recommendation may drafted as follows.

1. Addressing the prime skill factors through assessments, teaching, curriculum, real life case study
2. Emphasize soft skills development
3. Exercise skills in simulated environment
4. Customize courses to meet different customer demand.

To

The Honorary Secretary

The Institution of Engineers (India), Tamilnadu State Centre
19 Swami Sivananda Salai, Chennai - 600 005

Dear Sir,

CONTRIBUTION TO THE IEI-TNSC BUILDING DEVELOPMENT FUND

In response to your appeal, I / we enclose a Cheque/DD for Rs. (Rupees only) as my / our contribution to the Institution of Engineers (India), Building Development Fund.

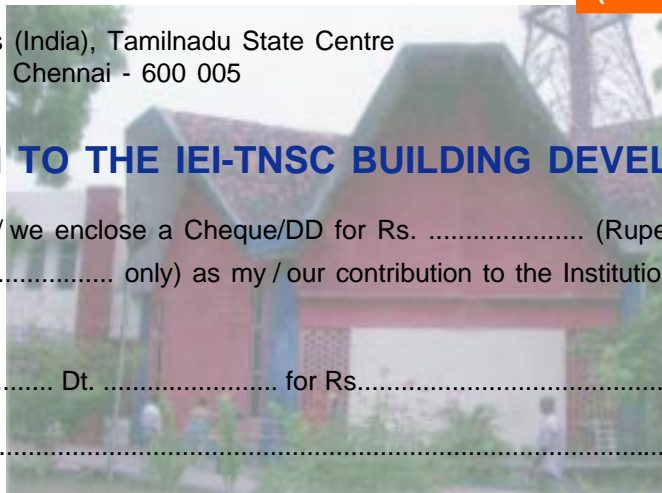
Encl: Chq./DD No. Dt. for Rs.

Yours faithfully,

From Address:

..... **Memb. No.**

**Make your contributions
(Minimum Rs. 1000/-) through this slip**



Profile of Members Contesting in the Election to the Committee of Tamilnadu State Centre for the Sessions 2016-17 & 2017-2018

AGRICULTURE ENGINEERING DIVISION

Er. P. GOMATHI NAYAGAM, MIE - A consultant for Agriculture & allied Agriculture projects, have own Agriclincs & agribusiness center, approved Valuer for Banks & Strong believer of following values 1) Karma Yoga Path, would like to make meaning beyond farming, beyond sustainability, beyond living. 2) Win Win relationship to create +ve changes in people's life wherever we go, whoever we come across, whenever comes. 3) Believes in whole truth which can be verified by scriptural authority ,reasoning, personal experience. 4) Believes in Pentagon of Success theory. 5) As long as I live, so long do I learn.

Dr. PRIYA.S, AMIE - Graduated as an Agricultural Engineer from Tamilnadu Agricultural University, Coimbatore and completed M.E in Integrated Water Resources Management, Centre for Water Resources, at College of Engineering Guindy, Anna University, Chennai and was awarded with fellowship by Saci waters, Hyderabad in collaboration with Government of Netherlands. She was awarded with Institutional fellowship, funded by MHRD ,for full time Ph.D at NIT, Tiruchy and participated in various international and national conferences, seminars, workshops, published papers in international journals and undergone international training at Srilanka.

CHEMICAL ENGINEERING DIVISION

Dr. MANIVASAGAN.V, MIE - Has completed his B.Tech (Pharmaceutical Engineering & Technology) from Bharathidasan University, Trichy, Tamilnadu in Year 2003, M.Tech (Industrial Biotechnology) from SASTRA University, Thanjavur, Tamilnadu in year 2006 and received Ph.D from Anna University, Chennai in 2014. He has published more than thirty Research papers in National and International Journals. He has also organized many technical events under the banner of IEI. He is member in various professional bodies and actively involved in various Government funded Projects. He is presently serving as Professor, Department of Bio Technology, Adhiyamaan College of Engineering, Hosur, Tamilnadu.

Er. N. RAGHAVENDRAN, AMIE - Worked as a supervisor in M/s Madras Aluminum Company Ltd in calcinations process for 3½ years and also worked as Junior Chemist/ Supervisor in M/s Shesasayee Paper and Boards Ltd for 13 years and presently working as a consultant in Marketing Leather Chemicals and Processing Techniques since 1995. Having through knowledge regarding insurance work in LIC (since 2009) and Capital Market.

CIVIL ENGINEERING DIVISION

Dr. V. KARTHIKEYAN, FIE - Works as Principal of Thiagarajar Polytechnic College, Salem (a Government Aided Institution). He obtained Ph.D.(Civil) and recently awarded Certificate Management & Leadership by CMI(UK). Presently serves as Chairman of IE(I), Salem Local Centre and takes initiatives to acquire own building for IE(I) SLC. Also, Serves as President, Salem Productivity Council and Vice-President, Indian Chamber of Commerce, Salem. With 32 years experience, he received National Best Polytechnic Principal Award and ISTE Chapter Chairman Awards thrice. Under Government sponsorship, he visited Universities in Singapore, Canada and UK to study and implement the Technology Enabled Learning in Polytechnics of Tamilnadu.

Er. T. KAVIARASU, MIE - He is presently working as a Jr. Technical officer in the Estate Development and Administration Office, Annamalai University and he has been associated with the Institution of Engineers (India) Since 2004 as Member. He has qualified from Annamalai University and having D.C.E., B.E., (Struct), M.E., (Geo Tech), and M.SC., (Real Estate Valuation). He is a member in the fellow of Institution of Valuers, members in Indian Concrete Institute, Secretary - Sri Vallalar Trust, President (2009 - 2010) in Chidambaram Town Engineers Association and Served as a committee member IE(I) Neyveli Local centre for the session 2012-2013 & 2013-2014 with that more than 25 years of Industrial Experience.

Er. P. NALLATHAMBI, FIE - Received BE degree in Civil Engineering from Guindy Engineering College, Anna University in 1985 and ME in Structural Engineering from GCT, Coimbatore in 1988. He has also done MBA and MCA degrees from IGNOU. He had joined Indian Army in Jan 1988, Served for 21 years in various positions and gained valuable experience in civil and military works, Er. P. Nallathambi is currently MD and Principal Structural Consultant of Sakthi Consultancy Pvt Ltd, Chennai. He is an active participant of IEI, Tamilnadu Chapter. He was the convener of the 28 Indian Engineering Congress and contributed to his best for successful completion of event in Dec 2013 and as a BOS, Successfully conducted the IEI election in Oct 2014. He is also member of many professional institutions.

Er K RAMACHANDRAN, FIE - Graduated from Alagappa Chettiar College of Engineering. ME (Structural) in F C T C E Madurai and BGL in MKU. Joined PWD as Asst. Engineer in 1966 and retired in 2000 as Joint Chief Engineer, Executed multi various buildings and irrigation projects. Constructed TV Studio buildings, Chennai, Manjalar Dam Project, Periyar Vaigai Projects as Quality Control Engineer. Member of Indian Water Resources Society, Fellow of Indian Institution of Technical Arbitrators. Served in the Madurai Local Centre Committee of IEI. Participated in Training Courses on Irrigation, Water Management, Public Relations Skill, Arbitration Practices, etc.

Er K P SATHYAMURTHY, MIE - Graduated in Civil Engineering . Master Degree in Computer Application. Joined in PWD during 1987 as assistant Engineer presently working as an Deputy Chief Engineer (Buildings) PWD Chepauk, Chennai -5. Served as Honorary Secretary of The Institution of Engineers (India), Tamilnadu State Centre (2010-12). Committee Member in Civil Engineering Division for the State Centre for 6 Years. Organised All India Seminars, Workshops, Technical Meetings. Expertise in Planning, Structural Designs, Tender Scrutinizing and World Bank norms, execution of Major buildings. Presented technical papers in various forums. Good knowledge in computer applications software and hardware.

Er.T.R.K SURIYAPRAKASH, MIE - Graduated from Madurai Thiagarajar Engineering College, Master's Degree in Anna University. Started career from Highways Department. Associate Lecturer in Karaikudi AC Tech. Joined PWD in 1983. Possess experience in Planning Investigation, Designing Irrigation Projects, dealing Re-organisation of Department, Board of Engineers, Panel of Engineers. Active Associationist and served as Secretary. Publications Assistant Engineers Association, Joint Secretary, Highways, Co-Chairman, Students Chapter, Joint Secretary, College Union.

Er.C.KALAYANASUNDARAM, MIE - Graduated in Civil Engineering from University of Madras and Post Graduated from College of Engineering, Guindy. Associated with Civil Engineering Division of the State Centre in Organising various Seminars, Workshops and Technical Meetings. Joined in Tamilnadu Public Works Department during 1987 and presently Working as Executive Engineer, PWD., Building Research Station, Chepauk, Chennai -5. Serving as State level Joint Secretary- Personnel affairs in Association of Engineers, PWD. Expertise in Structural design, testing of materials and execution of Buildings, Delivering Guest lectures on practical topics to Engineers and Students.

ELECTRICAL ENGINEERING DIVISION

Er. J. BALAMURUGAN, MIE - Born and brought up in Neyveli Lignite Corporation (NLC) build a greater affinity towards Engineering and the curiosity towards Electrical system molded him as Assistant Engineer / TANGEDCO, an unit of TamilNadu Electricity Board, Anna Salai, Chennai. Having overall experience of 18 years. His initiative paved the way to start Energy Conservation club in a reputed University, which is now spread in and around Engineering institutions in Chennai have audited more than 750 houses together with 50 industries which is ongoing project- A green Initiative. Executive Member of Institution of Engineers, Chennai (2011-till date). Executive Committee Member, IET Chennai Network (2008- till date). Convener of AAE, science society in TNEB. Awarded token of Appreciation from the President - Institution of Engineers for Fruitful Execution of Election - BOS member in Institution of Engineers, to preside over the State center Election process for the year 2014-17.

Er. R.BALAMURUGAN, FIE - Graduated B.E(EEE) from GCT Coimbatore in 1992. Serving as an Electrical Engineer in Thermal Power Station in NLC Limited since 1994 in various positions and departments. Imparting training to engineering students coordinating Industrial Visits and guiding student projects. Currently serving as Committee member for Electrical Division of IE(I) Tamil Nadu State Centre. Actively carried out the membership drive mission at Neyveli Local Centre.

Dr. M. RAVICHANDRA BABU, FIE - Graduated B.E(EEE) from Annamalai University Chidambaram in 1993 and M.E(Power Systems) from REC (NIT), Trichy in 1995 and Ph.D Degree from Anna University in 2014. Certified Energy Manager and Energy Auditor. Joined as an Assistant Director in National Power Training Institute (NPTI), (Ministry of Power, Govt. of India), Southern Region, Neyveli since 1997 and presently working as Associate Professor in NPTI, Neyveli. The prime job is Training the Power

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Sector personnel in the area of Generation, Transmission, Distribution, Energy Conservation and Energy Audit. Participated/Presented papers in many Conference/Seminars/Workshops and published papers in Scopus indexed National and International Journals and also in Indian Engineering Congress.

Er. A.SEKAR, FIE - Graduated B.E.(EEE) from Thiagarajar College of Engineering, Madurai. Currently working as Chief Manager/Electrical, NLC Ltd, has joined NLC in 1985 and has experience in Thermal Power Stations, HV Gas Insulated Switchgears (at UAE) and Enterprise Risk Management. He is certified Energy Auditor and Qualified Lead Auditor for ISO 9001, 14001 and OHSAS 18001. He is the Committee Member of Neyveli Local Centre since 2009 and he is presently serving as Joint Honorary Secretary from the sessions 2012-2014. Active member in organizing Seminars, Lecture Programs and presented many papers. He served as Secretary and Chairman of Students Chapter during studentship.

ELECTRONICS AND COMMUNICATION DIVISION

Er. M.ANBALAGAN, FIE - General Manager/Electrical Services & Communication graduated from GCT Coimbatore, in 1980, obtained PG in Digital Electronics and Instrumentation from Annamalai University then Joined in Neyveli Lignite Corporation, gained experience in Electrical and Telecommunication division. He Served as Honorary Secretary IE(I) of Neyveli Local Centre during the period 2012-2014. During his tenure, organized membership drives, seminars and technical programmes. Neyveli Local centre was awarded the best local centre during his tenure as Honorary secretary and Project Director of Chandrayan, Dr. Mylswamy Annadurai his class mate

Er.D.ARUL SELVAN, MIE - Master Degree holder in Computer Science from GCT, Coimbatore, has a vast teaching experience of 30 years. He works as HOD in Thiagarajar Polytechnic College, Salem. Acted as Convener for framing the curriculum and syllabus for Computer Engineering for Directorate of Technical Education, Chennai for three times. Acted as Program Advisory Committee Member for other Polytechnics. Has authored eight books for Diploma Students. Visited Republic Polytechnic, Singapore and Dudley College, UK for training purposes. His specialization includes Data Structures, Software Engineering and Programming Languages. Served as Joint Secretary of IE(I), SLC and presently serving as Honorary Secretary of IE(I), Salem Local Centre.

Dr. M.C. JOBIN CHRIST, MIE - Is working as Professor & Head in the Department of Biomedical Engineering, Adhityamaan College of Engineering, Hosur. He Completed his Ph.D in Medical Image Processing from Anna University, Chennai. His areas of interest include image processing, Signal Processing and Artificial Neural Networks. He is having 11 years of teaching experience. He has presented 9 papers in various national and international conferences and published 23 research articles in various journals. He is an approved Research Guide, Faculty of Information and Communication Engineering, Anna University, Chennai. Currently he is serving as a Committee Member of Electronics & Telecommunication Division, Hosur Local Centre, IE(I).

Dr.U.RAMACHANDRAIAH, FIE - Received M.Tech, degree in Electronics and Instrumentation Engineering from National Institute of Technology, Warangal and Ph.D. degree in Signal Processing from IIT, Madras, India. Currently he is working as Professor & Head in the Department of Electronics and Instrumentation Engineering at Hindustan University, Chennai, India. He is an interdisciplinary and guiding 11 Research scholars. Prior to this assignment, he has served as Senior Scientific Officer and Bhabha Atomic Research Centre Facilities, Department of Atomic Energy. Huis research interests are Process Instrumentation and Control, Real-time Embedded Systems, Robotics and Automation and Industrial Automation. He has been elevated to Senior IEEE Member of Institute of Electrical and Electronics Engineers, USA.

Dr.P.UMASANKAR FIE - Graduated B.E(ECE) from A.M.A College of Engineering, Kanchipuram, University of Madras(1988-1992).MBA (HRM), Annamalai University (2001-2004) , M.Phil(Management), Periyar University(2004-2005) , M.E(Power Electronics and Drives), Government College of Engineering, Salem Anna University(2005-2007), Ph.D.(faculty of Electrical Engineering),Anna University(June -2016). Having around 21 years of experience in Teaching and Industries . Working as Professor in AVS Engineering College in Department of Electrical & Electronics Engineering since June 2012. Published 14 international and 9 National Papers.

MECHANICAL ENGINEERING DIVISION

Er. S. KARUPPASAMY, FIE - Graduated from GCT, Coimbatore and Joined BHEL in 1980. Holds PGDBA, M.E (Incl. Met) REC, Trichy. Serving in BHEL last 36 years, Now Additional General Manager and Chairman IEI TLC.IEI Council/Committee Member in MCDB,CCC,SPIC and LBC 2014-16.IEI President visited thrice to Trichy in 2015 for inaugurating Air conditioned lecture hall, long pending Auditorium and Thanjavur Centre. Three National Seminars conducted in 2015. Weekly technical lectures & Statutory Day Celebration was organized. As Referee, guided more than 40 AMIE students. Lead auditor for ISO 9001, 14001, 18001 and 27001. As Member and office bearer in IEI,IW,ISNT, TSI,IIM organized several conferences more than two decades

Dr.H.KANAGASABAPATHY, MIE - Currently working as Professor in Department of Mechanical Engineering, National Engineering College, K.R. Nagar Kovilpatti since 1990. Obtained his UG degree from M.K. University (1986), PG from University of Allahabad and Ph.D degree from Manonmaniam Sundaranar University. He Published 18 International Journals. Currently guiding 8 Ph..D, research scholars under his supervision. He also member of National Safety Council and ISTE and he had delivered several Guest Lectures in various forums (Academic and Industries) in the area of FEA, Thermodynamics and Engineering Mechanics.

Er.K.PADMINI, AMIE - Is recognized as a multi skilled, diligent target achiever and competent person. She is currently tracking her Ph.D following her graduation in M.Phil, MBA, AMIE Mechanical Engineering and B.Sc Chemistry. She is the Vice Principal, TMG College of Arts and Science, Manimangalam. She is currently the Committee Member of Mechanical Engineering Division, TNSC and other institution involvements include Member of Academic Council, University of Madras, IEI and IME. Her key research works includes A Study on Work Balance on Women in IT Field and Empowerment of Women and Panchayatraj Institutions. She has published and presented scores of papers in journals and Conventions.

Er . R PERIASAMY, FIE - Passed AMIE examination in the year 1985. Elected as Fellow in 2003. Served in Student Chapter and serving in the committee of Neyveli Local Centre from 1988. Served as committee member of Tamilnadu State Centre. Elected as Council member and serving till date. Served as Organizing Secretary and various committees of Seminars of both Local and State centers. Actively participated in organizing the 28th Indian Engineering Congress held at Chennai. Served in various sub committees of IE(I) like examination disciplinary, By-law, Research & Development, Industrial excellence award etc. Joined in Neyveli Lignite Corporation Limited, Neyveli in 1980. Having 35 years of experience and presently working as Chief Manager, Power Station Engineering, NLC.

Er SHUNMUGASUNDARAM. M. MIE - Graduated from Thiagarajar College of Engineering, Boiler Operation Engineers, 24 years as Mechanical Engineer in Madura Coats, Works Manager, Standard Match Exports, Workshop Superintendent, RL Institute of Nautical Sciences (B.Tech., Marine Engineering), Quality Management and HR Consultant, 5S Trainer, Auditor to various leading organizations. Ex-Energy Auditor approved by TNEB, Past President, Rotary Club of Madurai East, Panel Valuer of Nationalized Banks, Committee Member, TNSC 2008-10, Past Honorary Secretary 1994-96, Committee Member 2016-2018, Madurai Local Centre and took active participation for thirty four years, President, Madurai Management Association. Visited United States, China, European and East Asian Countries.

Er.D KUMAR, FIE - In Central Polytechnic, Adyar-1975. BE Mechanical Engg in REC, Trichy-1984 Obtained MBA from IGNOU-2001. MSc Psychology from Madras University-2006. Joined as Supervisor Trainee in BHEL, Trichy-December 1975. Worked in various departments of BHEL, Trichy & Ranipet. Trichy - Valves & Soot Blower Engineering. Ranipet (from June 1986) - Fan Engineering, Purchase and Quality. Received Uyarnta Uzaipalar Viruthu in 1997 from Govt. of Tamilnadu in the presence of Chief Minister. Retired as Sr. Manager-Quality in BHEL Ranipet on May 2015 & residing at Chennai.2008-10, Honorary Secretary and 2012-14, Chairman of Ranipet Local Centre of IEI.

Er.K.MANI, AMIE - Completed DME completed year April-1991 Rajagopal Polytechnic, Gudiyattam . Worked as Production Engineer in small scale from 1991 to 1993 and Supervisor Training in Bharat Heavy Electricals Ltd (Bhel) Ranipet from 1993 to 1994. And Asst Manager in (P) Ltd concern in Ranipet. from 1994 to 1997and Deputy General Manager in weld Vel engineers (p) ltd, 1997 to 2009.Having NDT Level-2 Certificate Available (MPI & LPI)Started small scale fabrication industry for BHEL,L&T and Tower Items for Das & Lakery at Ranipet in the year 2009 and employed 25 persons in his industry.

Profile of Members Contesting in the Election to the Council of Tamilnadu State Centre for the Sessions 2016-17 & 2017-2018

Er.M.ANBALAGAN, FIE - General Manager/Electrical Services & Communication graduated from GCT Coimbatore, in 1980, obtained PG in Digital Electronics and Instrumentation from Annamalai University then Joined in Neyveli Lignite Corporation, gained experience in Electrical and Telecommunication division. He Served as Honorary Secretary IE(I) of Neyveli Local Centre during the period 2012-2014. During his tenure, organized membership drives, seminars and technical programmes. Neyveli Local Centre was awarded the best local centre during his tenure as Honorary secretary and Project Director of Chandrayan, Dr. Myswamy Annadurai his class mate.

Er T M GUNARAJA, FIE - Chariman, MIET & TMG Group of Institutions is graduated with AMIE Mech, MBA, Ph.d. He has served as Past Vice President, IEI; Vice Chairman - FIB; Chairman, TNSC(2012-14) . He erected Vishveshwaraya statue at TNSC; supported guest house construction @TNSC, inaugurated many students chapter and organized 28th Indian Engineering Congress - 2013 @ Chennai inaugurated by Shri Pranab Mukherjee, Hon'ble President, Government of India, Dr.H.Rosaiah, his excellency the governor of Tamil Nadu with 3000 delegates. He is also the founder Chairman, Member and State Secretary of IME, IAE, ICE and CET respectively. He received Mechanical Engineering Award, Technology Excellence Award from H.D. Deve Gowada, Former PM of India. He has presented volume of Papers and Journals.

Er. S. KARUPPASAMY, FIE - Graduated from GCT, Coimbatore and Joined BHEL in 1980. Holds PGDBA, M.E (Indl. Met) REC, Trichy. Serving in BHEL last 36 years, Now Additional General Manager and Chairman IEI TLC. IEI Council/Committee Member in MCDB, CCC, SPIC and LBC 2014-16. IEI President visited thrice to Trichy in 2015 for inaugurating Air conditioned lecture hall, long pending Auditorium and Thanjavur Centre. Three National Seminars conducted in 2015. Weekly technical lectures & Statutory Day Celebration was organized. As Referee, guided more than 40 AMIE Students. Lead auditor for ISO 9001, 14001, 18001 and 27001. As Member and office bearer in IEI, IIW, ISNT, TSI, IIM organized several conferences more than two decades.

Er. R. RAVICHANDER, FIE - Chemical Engineering(1974) from A.C. College of Technology, Guindy, Madras University(now Anna University and joined Fertilizer Corporation of India Limited (Govt of India undertaking) has over 35 years of experience in large scale chemical Fertilizer industry in various units of FCI, HFCL, RCF, NFL, BVFCL, in project co-ordination, production and computer departments. FIE in Jan 1988, note worthy contribution to the IEI includes Honorary Secretary during 2002-2004 and as Chairman 2006-2008 of IEI(UALC). After retirement from BVFCL service, representing Chemical Engineering Division as Executive committee member of IEI Tamilnadu State Centre(2012-2014). He was organizing committee member, Indian Engineering Congress 2013 held at Hotel Leela Palace, Chennai.

Er K P RAMANATHAN, FIE - A highly acclaimed Mechanical Engineer, Master of Business Administration with rich experience for 31 years in Chennai Port Trust since 1979 including Chairman-in-Charge. Worked in Chennai Port Trust in various positions as Chief Mechanical Engineer, Secretary, Director, Executive Engineer, Training Manager etc., Attended Training / Conferences in UK, France, Germany, Belgium, Srilanka, Netherlands, Switzerland, Italy and Philippines, On Superannuation in 2010, doing is own consultancy services in Engineering Field. Served as committee member in IEI, Tamilnadu state centre for Mechanical Engineering division for two sessions and co-opted member for one session. Served in the 28th Engineering Congress 2013, Chennai as an Organizing Committee Member. Now he is a Chairman of the Institution of Engineers (India), Tamilnadu State Centre and Council Member for the Period 2014-2016.

Dr.U.RAMACHANDRAIAH, FIE - Received M.Tech, degree in Electronics and Instrumentation Engineering from National Institute of Technology, Warangal and Ph.D. degree in Signal Processing from IIT, Madras, India. Currently he is working as Professor & Head in the Department of Electronics and Instrumentation Engineering at Hindustan University, Chennai, India. He is an interdisciplinary and guiding 11 Research scholars. Prior to this assignment, he has served as Senior Scientific Officer and Bhabha Atomic Research Centre Facilities, Department of Atomic Energy. Huis research interests are Process Instrumentation and Control, Real-time Embedded Systems, Robotics and Automation and Industrial Automation. He has been elevated to Senior IEEE Member of Institute of Electrical and Electronics Engineers, USA,.

Er. N.RAGHAVENDRAN, AMIE - Worked as supervisor in M/s Madras Aluminum Company Ltd in calcinations process for 3 years and also worked as Junior Chemist/Supervisor in M/s Shesasayee Paper and Boards Ltd for 13 years and presently working as a consultant in Marketing Leather Chemicals and Processing Techniques since 1995. Having through knowledge regarding insurance work LIC (since 2009) and Capital Market.

Er. P. R. SESHADRI, FIE - Post Graduate in Civil Engineering from Anna University, Chennai. Joined TNEB in 1960 and retired meritoriously in 1997 as Superintending Engineer. Involved in Investigation, Design and Execution of Hydroelectric Projects. Mainly devoted to execution of two major underground Hydroelectric Projects. Specialized in contract Management and Settlement of Arbitrations claims and Court Cases. After retirement, working as Power Project Consultant, Arbitrator and Registered Valuer. Presently President, Indian Institution of Technical Arbitrators. Immediate Past Chairman, IEI, TNSC. Past Chairman, Institution of Valuers, Chennai. Recipient of gold medal and Life Time Achievement award from IOV, Delhi in 2006/2013 and IEI Alumni award in 2013

Er R PERIASAMY, FIE - Passed AMIE examination in the year 1985. Elected as Fellow in 2003. Served in Student Chapter and serving in the committee of Neyveli Local Centre from 1988. Served as Committee Member of Tamilnadu State Centre. Elected as Council member and serving till date. Served as Organizing Secretary and various committees of Seminars of both local and State centers. Actively participated in organizing the 28th Indian Engineering Congress held at Chennai. Served in various sub committees of IE(I) like examination disciplinary, By-law, research & development, Industrial excellence award etc. Joined in Neyveli Lignite Corporation Limited, Neyveli in 1980. Having 35 years of experience and presently working as Chief Manager, Power Station Engineering, NLC.

Er. SHUNMUGASUNDARAM. M. MIE - Graduated from Thiagarajar College of Engineering, Boiler Operation Engineers, 24 years as Mechanical Engineer in Madura Coats, Works Manager, Standard Match Exports, Workshop Superintendent, RL Institute of Nautical Sciences (B.Tech., Marine Engineering), Quality Management and HR Consultant, 5S Trainer, Auditor to various leading organizations. Ex-Energy Auditor approved by TNEB, Past President, Rotary Club of Madurai East, Panel Valuer of Nationalized Banks, Committee Member, TNSC 2008-10, Past Honorary Secretary 1994-96, Committee Member 2016-2018, Madurai Local Centre and took active participation for thirty four years, President, Madurai Management Association. Visited United States, China, European and East Asian Countries.



**Two-Day International Conference on
CHALLENGES IN DOMESTIC AND INTERNATIONAL ARBITRATION**
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**Very Rare chance for Engineers and Architects to know more about
National and International Arbitration**

Indian Institution of Technical Arbitrators has organized an International Conference at Chennai. The speakers are expert in Arbitration both National and International level.

With all round development taking place in India, major projects, particularly infrastructure projects and many mega projects are being implemented in different parts of the country. In spite of one's best efforts to avoid disputes, they cannot be avoided altogether in a major contract. In order to complete projects avoiding cost and time overrun, suitable mechanism should be in place to resolve disputes as and when they arise. The amended Arbitration and Conciliation Act 1996 has raised much hope which promises to be effective tool for speedy and cost effective dispute resolution besides facilitating implementation of foreign awards. This augurs well for raising the level of ease of doing business in the country, thus paving way for attracting more Foreign Direct Investments (FDI). India, where a large number of projects by MNC's are underway, has the potential of becoming the Hub of International Arbitration. The hurdles if any in this context have to be identified and removed. The conference is organized to address these problems, besides updating knowledge on the subject and hone the skills of practising and aspiring Arbitrators.

The conference will be useful for Engineers of all branches, Architects and others. Certificate will be awarded to the delegates. Rs.8000/- for IITArb & Other Institutions' members and Rs.10,000/- for others. The cheque / DD shall be drawn in favour of "IITA Conference" payable at Chennai and sent with the name, address, Mobile No. E-Mail and membership No. to The Organizing Secretary, Indian Institution of Technical Arbitrators, First Floor, 4/36, Loganathan Colony, Mylapore, Chennai-600004.

Mobile: 98402 89672, 98403 58060 E-Mail: iitarb2003@gmail.com. For more detail please refer www.iitarb.org

Rush your registration early since the participation restricted to 250 delegates.

TECHNICAL PROGRAMME FOR SEPTEMBER 2016

Lecture: 6.00 p.m.

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

Tea: 5.45 p.m.

15th Sep. 2016 **49TH ENGINEERS DAY** on the theme "Skill Development for Young Engineers to Reform the Core Sector: Vision 2025" by the Chief Guest **Er S Ganesh Mani**, Vice President (Production), M/s Hyundai Motors India Limited, Chennai.

16th & 17th Sep. 2016 Two days All India Seminar on "Make in India" by **Er K S Ramalingam**, MIE, Convener and Co-opt member of Mechanical Engineering Division.
9.00 am - 5.00 pm

30th Sep. & 1st Oct. 2016 Two days All India Seminar on "Advanced Materials and Manufacturing Process" to be organised by **Er R Ramdoss**, MIE Convener and Committee Member of the Production Engineering Division and **Er K N Sivaraju**, MIE, Co-Convener and Committee Member of the Metallurgy and Material Science Engineering Division.

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