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ie(i)plc NEWS

NEWSLETTER

The Institution of Engineers (India)

97 YEARS OF RELENTLESS JOURNEY TOWARDS ENGINEERING ADVANCEMENT FOR NATION BUILDING"

Er. Girish Mundada, FIE, Chairman
Er. Avinash Nigohjkar, MIE, Hon. Secretary

PUNE LOCAL CENTRE

Editor -Er. VN Shinde, MIE

CHAIRMAN SPEAKS TO YOU



Dear Engineers,

!! Greetings of the Season !!

By the grace of goddess Saraswati, blessings of parents, support of IE(I) members and cooperation of my family, I am privileged to take over as Chairman of

Institution of Engineers (India), Pune Local Centre, IE(I)- PLC, at the Annual General Meeting, on 30th Nov. 2016, for the session 2016-18. I thank all the committee members of the session 2014-16 who elevated me to this position and whole heartedly welcome the committee members of the session 2016-2018 who will all be serving IE(I)PLC with me. I invite all the IE(I) members to visit, organize, participate and contribute towards professional activities at our centre (Recipient of Best Local Centre Award, many times so far) to keep it active and excellent. Hence, I request

- IE(I) members to encourage membership drive amongst the other engineers
- Engineering institutes/organizations/industries to become institutional member to avail the opportunities that IE(I) brings in terms of grants and sponsorships

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"B. G. WALIMBE MEMORIAL LECTURE"

The third "B. G. Walimbe Memorial Lecture was organized at the Institution of Engineers (India) Firodiya Auditorium on Monday 21 November 2016 at 6.30 PM. Dr. M. K. Sinha Director Central Water & Power Research Station (CWPRS) Khadakwasla Pune was the Chief Guest & Key note Speaker on the occasion. Dr. G. S. Mundada Chairman (Elect.) IE(I) PLC chaired the proceedings. Dr. Mundada Chairman (Elect.) and Er. V. N. Shinde Hon. Secy. IE(I) PLC welcomed the Chief Guest. Er. Shinde introduced Dr. M. K. Sinha Director CWPRS. Er. R. B. Walimbe & Er. A. B. Walimbe sons of late B. G. Walimbe also welcomed the Chief Guest on behalf of Walimbe family. Er. R. B. Walimbe informed the audience about B. G. Walimbe Memorial lecture series and the earlier two lectures organized in the series. He also gave a brief life sketch of B. G. Walimbe who was Secretary during 1982-83. Er. V. N. Shinde felicitated

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Let us put our cohesive efforts, as a team, for continual improvement in organising

- National conventions, all India seminars, workshops and allied activities to enhance technical interactions and networking amongst engineering fraternity
- Industry - Institute Interaction, Skill Development and Placement Opportunities to contribute towards employability.
- Technicians' Chapter and Students' Chapters to spread professional practices amongst budding engineers
- GATE / IES refresher courses and AMIE courses for better opportunities to aspirant folks
- Infrastructure facilities and complete the proposed library building by raising required funds to bring learning resources to students, academicians, researchers, practicing engineers and all concerned

I appeal to industries, institutions and donors to please come forward and extend their help to best possible. I am sure with cooperation and contribution of all; together we can march towards better engineering profession & practices.

With Thanks
and Warm Regards,

Prof. Dr. Girish Shrikisan Mundada
Chairman, Pune Local Centre

Walimbe family members on the occasion.

Dr. Mundada appreciated the lecture series and said that such events provide a platform for sharing knowledge and information on the important subjects. He said that such a lecture series will benefit the engineering fraternity and desired that more Members should participate and take part in the deliberations.

Dr. M. K. Sinha Director CWPRS in his key note address stated that India is having more than 18 % of the World's population and 15 % of the live stock but it has only 4% of World's water resource with 2.4 % of the land mass. The per capita availability has decreased over the years and at the same time the water demands for various uses have increased. This puts us in a precarious position in respect of ensuring water security, food security and ultimately national security. The ground water has been over exploited in many parts of our country. He further stated that climate change is likely to cause the precipitation to occur in lesser number of rainy days causing more flood events as well as dry spells. Dr. Sinha indicated that the objectives of Reforms in Water sector are aimed at improving water use efficiency, reducing the gap between irrigation potential created and utilized, establishing regulatory mechanism, rationalization of water use charges and involvement of stake holders in water management. He also stated that water is basically a State subject in the Constitution and the States will have to take steps for implementation of reforms in the areas such as policy and governance, equitable & efficient use of water resources, economic sustainability as well as capacity building.

During the post lecture interaction Shri R. C. Mahulkar Consultant stated that the time has now come to bring Water under "Concurrent list" in the constitution. This will ensure speedy implementation of reforms. Shri S. D. Limaye Retd. Chief Engineer (Railways) & Consultant expressed that Capacity building is very important not only for technocrats but also for policy makers and decision makers. Dr. Sinha said that any attempt to bring Water under concurrent will be opposed by the states.

The function concluded with a Vote of Thanks proposed by Er. V. N. Shinde, Hon. Secy IE(I).

PROF. DR. G. S. MUNDADA

- Professor (ECE) and Head (Training Placement), PICT, Pune
- Ex-Chairman, Board of Studies (Electronics) Pune University, Guide for AMIE/ME /Ph.D.
- Authored 5 books, Published many papers at National/International Conferences/ Journals
- Received Awards, Best Teacher: Pune University , Best TPO: IT-COM industry
- Incubated 2 start ups and Technical – Skill Development Consultant to industry
- IE(I) Committee member: Local/State Centre, Convener: 23rd National Convention of ET Engineers, Member: Annual Technical Journal
- Experience: 16 years Teaching/ 5 years Research /8 years Administrative
- Figured in “World's Who's Who” for professional services

Er. AVINASH NIGHOJKAR

Age 44 years.

From Rajgurunagar, Dist. Pune, birth place of patriot Rajguru.

D.M.E. from Government Polytechnic, Pune in 1989 and completed B.E. (Mechanical) from University of Pune in 1995.

Working experience in various industries in various departments viz. Q.A., Production, PPC, Vendor Development etc. Started engineering business in 1996 with SSI registered firm M/s. Turnpoint Enterprises – manufacturer of industrial components, jigs fixtures, SPMs in M.I.D.C. Chakan, Dist. Pune.

Presently working as a professional Engineering Consultant & Valuer since 2004, and associated with some social working organizations.

MR. VIKASAPTE Membership No.F-120124-3.

Age: 67 years

Address: 5, Siddhesh Apartments, 427/1 Narayan Peth, Pune-411 030. Tel: +91 99231 16112

Education: B.Tech (Hons)(Mech.) from IIT, Kharagpur.

MBA (Finance) from MKU, Madurai

Experience:

Industrial:36 years – Textiles and Chemicals. 19 years as Chief Engineer of large textile plants. Retired in 2006.

Design, installation and maintenance of utilities in large textiles plants.

Teaching: 6 years in Tilak Maharashtra Vidyapeeth, Pune – Mechanical Engineering subjects.

5 years in College of Military Engineering, Pune

Fluent in English, Hindi and Marathi

PROF. RUJUTA RAVIKIRAN DESAI

M.E. Mechanical, M.I.E.

Industrial Experience: 2.5 yrs. Teaching Experience : 34 yrs.

Started career at C.P.M.E. Parel, Mumbai and then N.R.B. Co. Ltd., Thane. Joined Technical Education in 1982 as a Lecturer in Mechanical Engg. Took voluntary retirement in 2008 as a selection grade lecturer and joined Marathwada Mitra Mandal group, and now working as Principal, Marathwada Mitra Mandal's Polytechnic, Thergaon, Pune 411 033. Worked as Secretary IEI-PLC from 2004-2006 and working as managing committee member till date and co-convener of Women Engineers Cell. Worked as Co-ordinator for 1st National Convention of Women Engineers. Instrumental in starting first Mechatronics School with

Mercedes Benz in Govt. Polytechnic, Pune.

Area of Specialization : Design Engg. Curriculum Design & Development and Industry Institute Interaction.
Member of Rotary Club of Pune, Shivajinagar.

Er. A.D.KHARE (M-136010-2)

M.E. (CAD/CAM/CAE). Member of Institution of Engineers (India)

Presently working as Asst. Professor in Pimpri-Chinchwad College of Engineering. Previously worked in College of Military Engineering (CME) Pune. Vast industrial experience of 20 years as a Senior Engineer in Department of Defence Production, Ministry of Defence. Instrumental in starting PCMC extension centre of Institution of Engineers (India). Presently responsible for efficient handling and growth of Pune Local Centre's AMIE refreshers course (classes) for section A & B. Also currently working as a project guide for section B, Mechanical Engineering students of Institution of Engineers (India)

MR. RAKESH FIRODIYA

Passed B.E. (Civil) from Pune University (2010) & M.E. (Construction Management) (2016) in 1st Class. Worked as Site Engineer in Runwal Housing & Township Pvt. Ltd. for 3 years, Project Engineer in Marvel Realtors for 1 year and presently with Runwal Housing & Township Pvt. Ltd. as Sr. Engineer since 1 year. Has handled various Residential & Commercial projects. Acquainted with Risk Management & Mitigation for Roads & Buildings, ISO Audit for Building Related Safety, Engineering, Environment & Architecture. Along with the present job, offering Architectural Services to various clients, and wishes to serve on the Executive Committee of Pune Local Centre of the IEI.

PROF. Ms. AARADHANA ARVIND DESHMUKH

Working as an Assistant Professor in Department of Computer Engineering in Sinhgad Institute, Smt. Kashibai Navale College of Engineering. She has completed M.E. in Computer Engineering as well as AMIE in Computer Engineering from the Institute of Engineers (India) and is currently pursuing her Ph.D in Cloud Computing.

Aaradhana has 14 years of teaching experience and has published 84 papers in International Journals, Conferences etc. and also a book on 'Cloud Computing'

She has organized various workshops and short term training programs for AMIE students, and was also involved in various competitions.

Aaradhana was elected from Computer Engineering Division from 2004-2012 & 2014-2016. She is a member of CSI, IAENG (Hongkong), UACEA (USA).

DR. PRAMOD DESHPANDE, FIE

Chartered Engineer, Graduate in Chemical Engineering from LIT, Nagpur and alumina of IIT, Mumbai. He has more than 30 years experience in engineering project industries, in research, as academic, and as educationist for higher education. He has published more than 15 papers in national and international conferences and journals. He is associated with different industrial and academic projects of social importance. He has experience in process and plant and piping engineering, heat transfer and many more chemical engineering subjects. He has completed professional examinations in field of "energy" conducted by BEE and IRQA as ISO50001 lead auditor. Presently he is a project management faculty, and a member of a number of academic institutions. He is a Fellow of IEI-Chemical

MR. DHAIRYASHIL KHAIREPATIL, M.E. (Structural)

passed With rank in 1994 from Pune University & Has worked with Dr. Kelkar Consultants, Mumbai on High Rise Buildings of 30 storeys and Frischmann Prabhu Pvt. Ltd. on many renowned structures.

In 1997, started his own professional practice as structural consultant for projects in Pune and abroad & Completed 2500 projects.

Developed professional expertise in Structural Audits. Empanelled with many local and Govt. Authorities all over India. Served ISSE, as Secretary for 3 times and has given valuable inputs. Has worked as team member & Co Convener for various Seminars of IEI PLC. Leading consultant for Pradhan Mantri Awas Yojana in India.

DR. MRS. SUSHMA SHEKHAR KULKARNI

is Director at Rajarambapa Institute of Technology, Maharashtra. Holds Ph.D. In Civil Engineering, having 28 years of teaching experience. Published 75+ research papers and one provisionally registered Patent. She wrote a book on TQM. Visited 6+ Universities globally. Awarded with 'Best Engineering College

Principal Award by ISTE, Emerging HRD thinker's award by ISTD with Gold Medal. Contributed in professional boards like ASEE, USA, IUCEE. Editor of International Journal 'JEET'. Jury in GEDC-Airbus Global Diversity award at Australia & as a Keynote Speaker in the Asian Engineering Education Conference 2016 CDIO at Yanshan University, China. Selected as one of the 100 Most Influential Directors of India by World Education Congress.

MR. KHARCHE WASUDEO GAJANAN

Qualifications: B.E. (Production Engg., VJTI, 1982). M.E. (Process Met, COEP 1996). Registered for Ph.D. BVDU, Pune.

Experience: Principal, Bharati Vidyapeeth's J.N. Instt. of Tech. Pune since June 2001. Former Manager: Kirloskar Oil Engines Ltd. Pune. Designed and organized Special Learning Programmes for employees of LUCAS-TVS and Godrej Former Educational Consultant: ISVOR-FIAT, Italy Project Co-ordinator: MSBTE Curriculum Development project –Laboratory Manuals and Question Bank Development Projects – Visiting Faculty: Process Engineering, Tool Design, PPC, Operations Management Awarded Bharati Vidyapeeth's 'Seva Gaurav Puraskar for Academic Excellence'

MR. NIKHIL SHAMRAO PARANDKAR (MIE 103156-7)

Passed B.E. (Electrical) from the College of Engineering, Pune in 1973.

Worked as Design & Development Engineer in industrial field. Served in Advani Oerlikon Ltd. Jayahind Scikay Ltd. after graduation.

Joined Cusrow Wadia Institute of Technology, Pune as a lecturer in Electrical Engineering. Was deputed to U.K. under higher education link programme of the British Council. Worked as the head of the Electrical Engg. Department for 21 years. Total teaching experience of 32 years.

Worked as an Organizing Secretary for the National Convention of Electrical Engineers of IEI held at PLC in 2007.

Worked as convener for All India Seminar on HT & LT Protection Systems in 2008 held at PLC.

Worked as officer in charge for the Institution of Engineers Examinations (AMIE). Guided number of students for project work for B.E. & AMIE. Motivated number of students to join the Institute of Engineers, India.

ER. VD PANDARKAR

had passed Diploma in Civil Engineering, 1984 and A.M.I.E in Civil Engineering in year 1988 for IEI. He further did M.B.A in the year 2010.

He has 30 years of extensive experience in the field of Civil Engineering in various Highway engineering projects and water resources projects, which includes planning, design, estimation, survey, project management and construction supervision. Main areas of work have been efficient and committed construction supervision, survey identification and selection of alignment.

He has worked on preparation of project proposals, cost estimation, preparation of feasibility and detailed project reports, co-ordinated with different Government Departments in the process of Construction supervision and survey works of Highway.

Monitoring and reviewing the environmental management plan for the Project Highway during construction, operation and maintenance phases.

Currently working with National Highways Authority of India, MORTH Govt of India, New Delhi as Manager Technical.

MR. DEVKATE HARSHAWARDHAN KAMLAKAR

AMIE in Metallurgy & Material Engg.

Committee member of IEI PLC 2014-16 in Metallurgy & Material Engg. Branch. Working experience in organizations like Kirloskar Oil Engines Ltd. & GKN Driveline India Ltd. Total 9 years working experience in Metallurgy field. Former PTC Chairman in year 2010-11. Organized and participated in various National Level Paper Presentations. Also organizing various Workshops, Seminars etc.

ER. KAMAL KUMAR GHOSH

K.K.Ghosh is working as Associate Professor in College of Military Engg Pune. He has done graduation in Mechanical Engg from Govt Engg. College, Raipur in 1986 & post graduation from Regional Engg. College, Bhopal in 1988. He has more than 27 yrs of teaching experience in various Engg. Colleges of Raipur, Nagpur & Pune. He has attended number of workshops, seminar and conferences.

He is an active member of Pune Local Centre. He had worked as Hon. Secretary of the Pune local centre for the year 2006- 2008.

In this centre, he is instrumental in successfully organizing workshops, Seminars, National Conventions and Annual Technical Paper Meets. He is also member of Indian Society of Heating Refrigeration and Air Conditioning Engineers (ISHRAE) and ISTE.

DR. Y.P. NERKAR, FIE

Prof. Nerkar graduated from SSGMCOE, Shegaon, had his masters from LDCOE, Ahmedabad and Ph.D. from IISc, Bangalore. He worked as Senior Engineer at Advani Oerlikon Ltd., as a faculty at BVCOE, Pune and PVG's COET, Pune. Presently working as Principal at PVG's COET, Pune. Three students completed Ph.D. under his guidance. Four more students are pursuing Ph.D. under his guidance. His area of specialization is Power Systems, High Voltage Engineering, and Electric Vehicle Technology. He has 53 research publications. He is FIE, SMIEEE, LMISTE. He worked as BoS Chairman, member of the Academic Council of Savitribai Phule Pune University. Presently he is working as Co-ordinator, Faculty of Engineering. He worked as a member of AICTE Experts Committee, member of Committee established for the development of the Perspective Plan of Technical Education. Presently working on many committees of Solapur and Amravati Universities. He worked as a Co-ordinator on many committees and large number of activities organized by IEI (PLC) since the academic year 2001.

Transtech'17

is organized by Tolani Maritime Institute in association with The Institution of Engineers (India), Pune Local Centre & The Institute of Marine Engineers (India), Pune Branch from 02nd -04th March 2017.

Transtech presents a common platform for engineering students to present technical papers on varied topics of interest. Transtech is really a professional oriented gathering and a new educational experience.

The theme of the seminar is **Contribution of Transport Sector towards "Make in India"** with following sub themes:

Development of Port & its Socio Economic Effects on Hinterland
Road map for Startups to Support Transport Industry
Sagar Mala Projects
Human Resource- Training, Education & Skill Development
ICT (Information & Communication Technology) innovations for Transport sector
Optimization of Space, Time & Economy in Transportation
Challenges in Design and Manufacturing

Address for Communication:

Convener- TRANSTECH '17
Tolani Maritime Institute,
Talegaon-Chakan Road, INDURI, Pune, India 410507.
Tel: +91-2114-242017, 242067; Fax: +91-2114- 242013
E mail: tmi.transtech@gmail.com ; Web: <http://www.tolani.edu>

COMPOSITION OF P.L.C.COMMITTEE MEMBERS-2016-18

Name	Grade	Post	Division
Dr. G. S. Mundada	FIE	Chairman	ET
Er. A. V.Nighojkar	MIE	Hon. Secretary	MC
Er. V. S. Ghogare	FIE	Imm. past Chairman	CV
Er. V. N.Shinde	MIE	Imm. past Hon. Secy.	CV
Er. V. D. Pandarkar	FIE	Member	AG
Er. R.S. Firodiya	AM	Member	Ar
Er. K.K. Ghosh	MIE	Member	AS
Er. Veena Gore	FIE	Member	CV
Dr. Geeta Kulkarni	FIE	Member	CV
Er. D. M. Khaire Patil	MIE	Member	CV
Dr. P. M. Deshpande	FIE	Member	CH
Er. Aaradhana Deshmukh	AM	Member	CP
Dr. Y. P. Nerkar	FIE	Member	EL
Er. N. S. Parandkar	MIE	Member	EL
Dr. G. S. Mundada	FIE	Member	EL
Er. Rujuta Desai	MIE	Member	MC
Er. A. D. Khare	MIE	Member	MC
Er. V. S. Apte	FIE	Member	MC
Er. H.K. Devkate	AM	Member	MM
Er. W.G. Kharche	MIE	Member	PR
Er. V.S.Ghogare	FIE	Chairman, M.S.C.	CV
Dr. H.M.Raje	FIE	Hon.Secretary, M.S.C.	CV
Er. M.B.Dagaonkar	FIE	Council Member, Mah.	CV

Note:- Following Divisions have no representation, due to no valid nominations received- Environment, Mining, Marine, Textile.

58th Foundation Day

Centre celebrated its 58th Foundation Day on 29th November 2016. Er. D.N.Modak Former Chief Engineer Hydro Projects Maharashtra graced the occasion as Chief Guest . Er. V.V. Laxminarayan Additional DGP (Planning), was the speaker for 9th golden Jubilee Memorial Lecture on “Engineers’ Role in Nation Building”. Program was attended by a large number of members, past and present office bearers and invitees.

Er. Vijay Ghogare , Chairman Pune Local Centre welcomed the audience and took a brief review of development of Pune Local Centre, its activities highlighting contributions of the past office bearers. Er. V.N.Shinde , Hon. Secretary Pune Local Centre briefed about Foundation Day importance.

Convener Prof.Aaradhana A. Deshmukh, introduced Er. D.N.Modak and Chairman Er. Vijay Ghogare felicitated Chief Guest. Hon.Secretary Er. V.N. Shinde gave the introduction of Er. V.V.Laxminarayan and Dr. D.J.Doke felicitated the guest.

Er. V.V. Laxminarayan delivered the 9th Golden Jubilee Memorial Lecture on the topic “ Engineers Role in Nation Building”. He started his topic with his own life example. He focused on how engineers are technically skilled professionals who are responsible for solving problems. During lecture they concerned with some unique sentence like “We should never forget that we are key people in building and sustaining civilization. Engineers are creators, designers, fashioners and builders” . Their main suggestion to all young engineers on making things work efficiently and effectively by applying smart work. He also briefed about necessity of engineers in civil services.

Chief Guest Er. D.N.Modak in his address, stressed upon the need to revise the National Building Codes in context of modern

infrastructure promotion and development. He urged IEI to take initiative and play a major role in restructuring for E-growth in nation building. He also recommended various clarification in hydro projects with future support.

Dr. D.J. Doke presented detailed report of Annual Technical Paper Meet held on 15-16 Oct. 2016 and 40th Annual Technical Journal. The Journal was released by the Chief Guest and other Dignitaries. Prof. Ms.Aaradhana Deshmukh announced the Titles of Best Paper selected for award in various Engg Divisions of Annual Technical Paper Meet.

On this auspicious day Centre also felicitated few AMIE students, who was successfully acquired good score in MPSC exam and instrumental in civil Services by the hands of Chief guest. Er. Ajinkya Patil (3rd in MPSC Engg , Gazetted Assistant Engineer,Water Resource Department), Ms. Rupali Walke (Surveyor Wan Vibhag), Er. Kiran shinde (Asst. Vehicle Inspector), Er. Nitin Manore and Er. Vasnat Zarikar (Asst. Engineer PWD)

Er. Vijay Ghogare ,Chairman, felicitated all the guests and past chairmen Dr NR Patwardhan, Er. Amol Bora, Dr.D.J.Doke, Er Pradeep Tupe, and Hon Past Secretaries Prof KK Ghosh, Er. DB Dhone, Prof.R.R.Dessai, Dr. Veena Gore Er. V.N. Shinde, Hon Secretary proposed the vote of thanks.

Prof. Ms.Aaradhana Deshmukh was the anchor and Convener of the function.



FORTHCOMING PROGRAMMES

Day	Date	Topic	Convener
Tuesday 6.30 pm	20-12-2016	Topic - Recent Trends in Robotics Speaker - Dr. S.S. Ohol	in Association with Ma.Vi. Pa.

****Note: For more details of the programme please visit website www.icipune.org**

Other Events / Activities.

- 1) Vidyut Suraksha Manch – Every Second Saturday – 6.30 pm. at PLC
- 2) Energy and Water Resource Group – Every Tuesday 5.30 pm. at PLC
- 3) Lecture in association with marazi iva&ana prllvad - Every third Tuesday – 6.30 pm. at PLC
- 4) Infrastructure interaction – Every Fourth Tuesday 5.30 pm.
- 5) PCMC extension centre meeting - Every second Thursday – 6.00 pm.
at Water Works (near Appughar)

THE CHAIRMAN, HON. SECRETARY AND COMMITTEE MEMBERS OF IEI PLC

