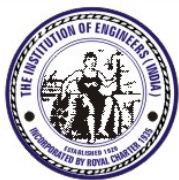


NEWS BULLETIN



The Institution of Engineers (India)

"94 Years of Relentless Journey Towards engineering advancement for Nation Building"

KOLHAPUR LOCAL CENTRE

Chairman : **Dr. Girish Kulkarni**

Hon. Secretary : **Er. Indrajit A. Kadam**

Volume - 12

" 47th ENGINEERS' DAY-2014 "

SEPTEMBER 15, 2014

The Institution of Engineers (India) an ISO 9001 : 2008 Certified Organization is a multidisciplinary professional body that encompasses 15 Engineering disciplines and gives engineers a global platform. Established in 1920 by incorporation under the Indian Company Act of 1913. The Institution was granted ROYAL CHARTER on 13th August 1935 having Objects & Purposes ; To promote the general advancement of Engineering & Engineering Science and their application.

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

A theme of national importance is chosen every year by the National Council of the Institution and deliberated at its various State/ Local Centers to educate the engineering fraternity in general and society in particular. This year the National Council of the Institution has selected the theme as "Making Indian Engineering World Class" to describe in Marathi - " भारतीय अभियांत्रिकी जागतिक दर्जाची बनविणे "

Our Kolhapur Local Centre is celebrating 47th Engineers' Day on 15th September 2014 at 5.00 P.M. at "Shahu Smarak Bhavan" Dasara Chowk , Kolhapur which is being celebrated jointly with



**WATER RESOURCES DEPARTMENT
KOLHAPUR, CIRCLE.**



**PUBLIC WORKS DEPARTMENT
KOLHAPUR, CIRCLE.**

The Institution of Engineers (India) IEI, Kolhapur

Kolhapur Local center includes Geographical area of Kolhapur district, Sangli district, & Karard Taluka of Satara district

Kolhapur is holy city of Goddess Shree Mahalaxmi & Chatrapati Rajarshee Shahu Maharaja, it is rich heritage on historical, social, educational, political, industrial & cultural fronts, gives an insight into the growth of the region. Presently the member Strength of Kolhapur Local Centre , As on 31st March 2014 is as given below.

Corporate Members - 630	Non corporate Members - 2950	Total Members - 3580
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Infrastructure Facilities at Kolhapur Local Centre

The Centre which functioning, at office at address C/O. Executive Engineer, Ground Floor, Minor Irrigation Division, Sinchan Bhavan, Tarabai Park, Kolhapur-416 003, The Working Hours of the Office is 11.00 am. to 06.30 pm.

Library : About 500 books periodicals, journals, on various engineering subjects are available in Centre's Library.

AMIE student Information cell : There is Information cell at the center office, for the student who want to take admission for AMIE course, can visit the center office & get information about AMIE course & Examination. The forms for AMIE examination & IEI Membership are available free of cost at the center.

Theme - 2014

**"Making Indian Engineering
World Class "**



Bharatratna

Sir M Visvesvaraya (1860 - 1962)

Sir M. Visvesvaraya was a notable Indian Engineer, Scholar, Statesman and the Diwan of Mysore during 1912-1918. He was a recipient of The Indian Republic's Highest Honor, "The Bharat Ratna" in 1955.

From Chairman's Desk ...



Dear Engineer,
Greetings for the Engineers Day 2014.

Engineers are playing instrumental role for the development of the globe. An efficient engineer, regardless of the job he is engaged in, is always considered an asset to the nation and the society; as it is he who makes a reality of the potential value of science by translating scientific knowledge into tools, resources, energy, and labour to bring science into the service of the country.

In present scenario of sustainable development we Engineers have to address the key considerations of environment management like 1. Economy, 2. Recognition of water issues, 3. Savings by fuel switching, 4. Outdoing conventional energy savings, 5. Performance, not design, 6. Government buildings. In enabling our upcoming multidiscipline Engineering to overcome unending challenges in Engineering industry in context of the preparedness for mitigation of pollution our Kolhapur local centre had hosted many programs during last year to enlighten important current issues like effective utilization of water & wastewater, LED lighting technology, energy efficiency in air conditioning which are essentially required sustainable development.

I am extremely delighted to work with efficient and hard working team of office bearers who had contributed a lot for organizing many successful events last year. I feel confident that the our team will definitely come up with more significant and creative step with a strong commitment towards our centre's growth. It was indeed pleasure to officially welcome Er Mohan Dagaonkar, President, IEI, Maharashtra state centre and his entire team during the month of July 2014. He and his team interacted with all our members and also presented set of proposals and for our future expansions. We are determined to continue our strong progress. We are at the doorstep of a new challenges and opportunities with a pledge of making our local centre a centre of excellence.

Let us together become an avenue for a better and bright future.

Dr. Girish S. Kulkarni

Chairman

The Institution of Engineers (India),
Kolhapur Local Centre.

Mobile No. 9823180139 girishkulkarni63@gmail.com

Chief Guest



Mrs. Vijayalakshmi Bidari I.A.S.
Commissioner,
The Kolhapur Municipal Corporation,
Kolhapur.

Guest of Honor



Mr. J. F. Patil
Senior Economist
Shivaji University,
Kolhapur.

Key Speaker



Shri V. P. Kulkarni
B.E. (Mechanical)
General Manager (Utility),
Kirloskar Oil Engines, Kolhapur.

Secretary Reports



I would like to express warm greetings to all on this **47th Engineers' Day**.

In our country we celebrate 15th September every year as "Engineers' Day" to commemorate the birth day of **Bharatratna Sir Mokshgundam Visvesvarya**, an eminent Engineer and a statesman. On this occasion of 47th Engineer Day I am pleased to present before you, The annual news bulletin of Kolhapur Local Center, the brief report of activities of KLC, There are some unique programs which we have arranged during the year, such as, we have launched our KLC Website www.ieikolhapur.org. Kolhapur local center first time arranged All India seminar of two days on, "**Innovative approaches for low cost treatment of water and waste water**", which was a grand success, Then after a very long period, **Kolhapur local center organized, Maharashtra state center committee meeting in Kolhapur**, where interaction & exchange of ideas with state center members taken place.

Another important point, where I would like to have your attention is the IEI vision & 10 year perspective plan of IEI. Few highlight points of the same are published in this Bulletin, which can focus & proves our intention for "**94 years of Relentless Journey towards engineering advancement for nation building**"

I hereby take opportunity to congratulate the felicitated Senior Engineer, All Awardees of Best Engineer, & in particular the university first rank students, on whose shoulder responsibility of today's theme is laying, the theme of national importance is chosen by our National council of the institution to educate the engineering fraternity & the society. The Institution has selected the theme as "Making Indian Engineering World class" to describe in Marathi - " **भारतीय अभियांत्रिकी जागतिक दर्जाची बनविणे** "

In my view already we have made our Software & Information Technology engineering word class, but what is essential is to have our full control over manufacturing sector & low cost of production hence product, is only possible with great Research & Development effort at all levels.

This Year Theme is elaborated in detail in our institutional write up. We are fortunate to have, today our Chief guest Mrs. Vijayalakshmi Bidari, commissioner, Kolhapur Municipals corporation, Kolhapur, our key speaker Mr. V. P. Kulkarni, General Manager (Utility), Kirloskar oil engines limited, Kolhapur, & Guest of Honor Shri J.F.Patil Senior Economist, Shivaji University, to discuss & share their thoughts & experience about the Theme.

During the year, very large number of students appeared for AMIE Examination, from Kolhapur Local Center & total about 20 students have cleared their AMIE course, also the Kolhapur Local Center membership growth of about 5 % took place.

As our Head Quarter, as well as Maharashtra State Center, Kolhapur Local Centre is appealing for becoming member of the institution as it one of the way by which we can serve to our Country & to the society, "**BE A MEMBER OF INSTITUTION OF ENGINEER'S (I)**"

I am very much thankful to all my committee members, in particular All India Seminar & KLC Chairman, Co-Chairman, Organizing Secretary, Joint organizing Secretary, All the organizing committee member, Staff & Students of Department of Technology, Shivaji University, Agriculture College & our office assistant for their support & kind co-operation without which, all these activities couldn't be possible to arrange in proper way.

Once again my warm greeting to all, & let me have full stop here.

Er. Indrajit A. Kadam

Hon. Secretary

Mobile No. 9420584409 indkad@rediffmail.com

Events of Technical Activities Conducted During the Year 2013-14

a) Lecture on the topic "Non conventional energy sources for agriculture" b) Launched our KLC Website www.ieikolhapur.org, c) All India seminar of two days on, " Innovative approaches for low cost treatment of water and waste water " d) Lecture on the topic " Opportunities in engineering Education & Centralized Admission process 2014 " e) Environment day tree plantation at Department of Technology, Shivaji University, f) Kolhapur local center organized, Maharashtra state center meeting in Kolhapur g) Lecture on the topic "LED Lighting- Are we ready"-Anil Vallia, mumbai

Proposed Technical Activity to be carried out -

Kolhapur Local Centre is arranging following program in near future.

- 1) Rehabilitation of old structural building. 2) Energy conservation program. 3) Technical trip.
- 4) Carrier Guidance Program (Electrical, Electronics & Computer Engineers) 5) Establishment of Student Chapter at D. Y. Patil Agriculture College, Talsande & at Kolhapur Institute of Technology, Kolhapur.

IEI VISION

Highlights of IEI vision document

- 1) IEI Vision is to enable practice of ethical ethos and pursuits of professional excellence for engineering fraternity through inclusive growth.
- 2) Problems and Opportunities require inter-disciplinary and multi-disciplinary collaborations on projects... IEI has to consider strengthening integration of future engineering community of India with Global Communities.
- 3) Engineering profession has to increasingly recognize the reality of shrinking global resources, the desire for sustainable practices and design, and the need for global equity, at large in the consumption of resources.
- 4) Engineers need to focus on innovation with the aim of attaining inclusive growth; with the underlying policy more from less.
- 5) The attributes of engineers will encompass three elements: knowledge, skill and attitude.
- 6) Learned society function will be promoted mainly through improving acceptability of AMIE qualification.
- 7) Qualifying function will be promoted mainly through updating and improving effectiveness of its assessment and accreditation of technical education program in line with the international process.
- 8) Professional society function will be promoted through improving the criteria of membership.
- 9) Visibility function will be promoted through conducting studies and developing policy frame-work.
- 10) Institution-Industry interactive function will be achieved through conducting outreach program.
- 11) IEI aims to develop 'Strategy' and 'Implementation Plan' to deal with technology transition management in the country for rapid absorption, adaptation and assimilation of technologies and by creating necessary infrastructure.
- 12) To promote and advance the science, practice and business of Engineering in all its branches in India.
- 13) To promote the study of Engineering with a view to disseminate the information obtained for facilitating the scientific and economic development of Engineering in India.

Highlights of 10 Year Perspective Plan of IEI

VISION

IEI holds a long-term Vision as stated below:

IEI envisions to be one of the largest & vibrant professional society of engineers, technologists & applied scientists in the world, covering all branches of engineering, committed to the promotion of continual professional & intellectual development & contributing significantly to the growth of technological knowledge, skill and capacity building of the highest order, demonstrated through innovative approach toward the cause of sustainable development.

Mission

IEI has aims to effectively promote the general advancement of engineering, engineering science and technology, and their application in India, and to facilitate dissemination and exchange of information and ideas amongst the members of the profession attached to Institution and to extend value-based services to the Nation, at all desired levels.

Objectives

- 1) Expand Membership.
- 2) Restructure AMIE Examinations.
- 3) Improve quality and readability of IEI publications.
- 4) Improve interactions with industries.
- 5) Increase interaction with government and policy makers.
- 6) Increase upward professional mobility of members.
- 7) Assume leadership role amongst various professional engineering societies.
- 8) Take active part in the national planning process.
- 9) Provide needed information and professional assistance to members.
- 10) Increase visibility of IEI with central governments, and autonomous statutory bodies dealing with Higher technical education.
- 11) Publicize ethical standards and actions taken to safeguard and protect the image of engineers and protect the image of engineers and to control and avoid malpractices committed by the Corporate Members of IEI in accordance with the laid down Code of Ethics of IEI.
- 12) Improve image of profession.

IEI Vision would be attained by performing the functions under following five broad categories:

- 1) Learned society function.
- 2) Qualifying function.
- 3) Professional society function.
- 4) Visibility function.
- 5) The Institution-Industry interactive function.

(source: IEI vision & 10 year Perspective Plan of IEI)

1. 46th Engineers' Day Celebration

Date : 15th September 2013



Theme : "Frugal Engineering-Achieving More with Fewer Resources"
Chief Guest : Dr. Bhagwan Mahadeo Hirdekar **Key Speaker** : Er. Suresh Laxman Patil
Venue : Rajarshree Shahu Smarak Bhavan, Dasara Chowk, Kolhapur.

2. "Annual General Meeting" **Venue** : Conference Hall, Hotel Opal, Kolhapur. **Date** : 30th Sept 2013



3. "Non conventional energy sources for agriculture"

Date : 20th December 2013



Subject : Lecture on "Non Conventional Energy Sources for Agriculture"
Key Speakers : Dr. Arvind Balkrishna Datye
Chief Guest : Dr. S. R. Sawant
Present on Dias : Dr. Girish Kulkarni , Er. Indrajit A. Kadam, Er. Ajay Deshpande
Venue : Department of Technology Auditorium Shivaji University, Kolhapur.

4. Kolhapur Local Centre Website- www.ieikolhapur.org **Launch** **Date** : 1st January 2014

Chief Guest : Shree D. V. Ghanekar, Managing Director, Kolhapur Jilla SahakariDudh Utpadak Sangh Ltd., Kolhapur
Venue : Kolhapur Local Centre



5. All India Seminar

Date : 20th & 21st Feb. 2014



Subject : All India Seminar on “Innovative Approaches for Low Cost Treatments of Water and Wastewater”
Chief Guest : Dr. Budhajirao Mulik **Key Speaker** : Dr. Sanjay Dahasahasra
Venue : V. S. Khandekar Bhashabhavan (Language Building), at Shivaji University, Kolhapur.

“Best Engineer Awardees - 2014”



Er. Prashant Subhash Hadkar

Civil Engineering
 B.E.(Civil),M.E.(Structure),
 Consulting Structural Engineer
 Have successfully completed more
 than 1800 projects of structural
 Analysis & Design



Er. Anand Narayan Kulkarni

Electrical Engineering
 B.E. (Electrical)
 Retired as executive engineer from
 state Electricity Board, published
 two books on safety,
 Conducted seminar on safety



Er. Naline V. Nene

Metallurgy Engineering
 B.E.(Metallurgy), IEI Member
 Worked as foundry Manager, worked
 as consultant to a number of foundries,
 Has conducted Training program for
 workers in many foundries.



Er. Dhairyashil Chandrakant Patil

Electronics & Telecommunication
 Engineering, B.E.(Electronics)
 Innovator & enthusiast with 8 years
 experience in the wireless communication,
 control system & device development,
 installation of community Radio stations.



Er. Vinayak Mahadeo Patankar

Mechanical Engineering
 D.M.E.,B.E.(Mechanical), Ex Servicemen (Wing Commander
 Ret. Indian Air Force), IEI Member (AM)
 Worked with border Road organization, commissioned
 in Aeronautical Engineering Mechanical Branch, then worked
 as senior flight engineer.



Publisher : Dr. Girish S. Kulkarni, Chairman, IEI KLC
Editor : Er. Indrajit A. Kadam, Hon. Secretary, IEI KLC

Co-Editor : Er. Prakash M. Adnaik Member IEI KLC

TO,

BOOK - POST



If undelivered please return to

The Institution of Engineers (India)
Kolhapur Local Centre

C / O. EXECUTIVE ENGINEER, GROUND FLOOR,
 MINOR IRRIGATION DIVISION, SINCHAN BHAVAN,
 TARABAI PARK, KOLHAPUR - 416 003.

Mobile : 9422625485, 9420584409.

E-mail : ieikoplcl@gmail.com, kolhapurcl@ieindia.org

Website : www.ieikolhapur.org

6. "Opportunities in Engineering Education & Centralized Admission Process 2014" Date : 5th May 2014



Speakers : Dr. Jay S. Bagi, Prof A. R. Gupta

7. World Environment Day Celebration

Date : 5th June 2014



Workshop : Tree Plantation Program

In Presence of : Dr. N. J. Pawar Vice chancellor, Shivaji University

Venue : Department of Technology Campus
Shivaji University, Kolhapur.

8. "Maharashtra State center committee meeting"

Date : 29th June 2014



Venue : Conference Hall, Hotel Opal, Kolhapur.

9. Seminar on "LED Lighting-Are we ready"

Date : 25th July 2014



Speaker : Shri Anil Vallia, Mumbai. **Venue :** Rajarshree Shahu Smarak Bhavan, Dasara Chowk, Kolhapur.

Institution of Engineers (India) Kolhapur Local Centre Committee Members for Session 2013-2015



I. P. Chairman
Er. A. B. Parvate Patil
 B. E. (Civil)
 M : 09423859484.
 dparvatepatil@gmail.com



I. P. Secretary
Er. B. G. Mahajan
 Architect Engineers
 M : 09421447639.
 bmahajan39@gmail.com



Past Chairman
Er. D. R. Jadhav
 B. E. (Mech) & (Elec)
 PH : (0231) 2663251



Past Secretary
Er. P. M. Adnaik
 B. E. (Civil)
 M : 09850091170
 adnaikprakash@yahoo.co.in



Past Secretary
Er. S. M. Khatakalle
 B. E. (Civil), M.I.E.
 M : 09423044361
 smk.15may@gmail.com



Past Secretary
Er. V. R. Keskar
 M. E. (Struct), F. I. V.
 M : 09423860999
 vikrant@keskarconsultants.com



Committee Member
Dr. J. S. Bagi
 Ph.D.(Mech)
 M : 09850441874
 jaysbagi@gmail.com



Committee Member
Er. A. B. Deshpande
 M. Tech (Ag. Engg.)
 M : 09403600034
 ajaydeshwaterman@gmail.com



Committee Member
Er. P. H. Patil
 B. E. Electrical
 M : 09420255880

Our Event Partners



Er. V. S. Ghogare
 Superintending Engineer
 Water Resources Department,
 Kolhapur Circle.



Er. Ajit Upale
 Superintending Engineer
 Public Works Department,
 Kolhapur Circle.

Highlighting Achievements of KLC Member



ER.(DR.) JAYDEEP SHANTIKUMAR BAGI
 M. E.(Mech), Ph. D. (Mech)

He has successfully completed his Ph.D. in Mechanical Engineering in December 2013 from Department of Technology, Shivaji University, Kolhapur in the area of **Quality Management Systems**. He is an international certified ISO 9001 Lead Auditor with more than 25 years of sound diversified work experience in the field of industry, academics, training & consultancy at national & international levels. He has published more than 30 research papers.



Er. Subhash Kulkarni
 F.I.E., Past Chairman

Felicitated Senior Engineer of KLC

ATTENTION : Annual General Meeting (For Corporate Members only)

All the Members are Cordially invited for the Annual General Meeting of our Kolhapur Local Center On Tuesday 30th September 2014 at 6.30 p.m.

Venue : "Rambhai Samani Memorial Hall", Shivaji Udyamnagar, Kolhapur- 416 008.