



# The Institution of Engineers (India)

"98 Years of Relentless Journey Towards Engineering Advancement for Nation Building"

## KOLHAPUR LOCAL CENTRE

Chairman : **Er. (Dr.) Jaydeep S. Bagi**

Hon. Secretary: **Er. Ajay B. Deshpande**

Volume - 15

**"50<sup>th</sup> ENGINEERS' DAY - 2017"**

SEPTEMBER 15, 2017

The Institution of Engineers (India) an ISO 9001: 2008 Certified Organization is a multi disciplinary 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 Visvesvarayya, an eminent Indian engineer and statesman Sir Visvesvaraya was born in a remote village of Karnataka, the State which is now the Hi-tech State of the country. This year the Institution of Engineers (India), Kolhapur Local Centre is Celebrating 50<sup>th</sup> "Engineers' Day" on 15<sup>th</sup> September 2017.

A theme of 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 society in particular. This year the National Council of the Institution has selected the theme as **"Role of Engineers in a Developing India"** to describe in Marathi - **"भारताच्या विकासामध्ये अभियंत्यांची भूमिका"**.

Our Kolhapur Local Centre is celebrating 50<sup>th</sup> Engineers' Day on 15<sup>th</sup> September 2017 at 3.30 P.M. at "Keshavrao Bhosale Natyagruha", Kolhapur which is being celebrated jointly with



**WATER RESOURCES  
DEPARTMENT  
KOLHAPUR.**



**PUBLIC WORKS  
DEPARTMENT  
KOLHAPUR.**



**DEPARTMENT OF  
TECHNOLOGY,  
SHIVAJI UNIVERSITY,  
KOLHAPUR.**

### The Institution of Engineers (India).

**Kolhapur Local Centre includes Geographical area of Kolhapur District, Sangli District and Karad Taluka of Satara District**

Kolhapur is holy city of Goddess Shree Mahalaxmi & Chhatrapati Rajarshree Shahu Maharaja. It has rich heritage on historical, social, educational, political, industrial & cultural fronts and has given an insight into the growth of the region.

Presently the member Strength of Kolhapur Local Centre - As on 31st March 2017 is as given below.

|                              |                                     |                             |
|------------------------------|-------------------------------------|-----------------------------|
| <b>Corporate Members 730</b> | <b>Non Corporate Members - 3464</b> | <b>Total Members - 4194</b> |
|------------------------------|-------------------------------------|-----------------------------|

### Infrastructure Facilities at Kolhapur Local Centre

The Centre which is functioning since 1983 having office at Sinchan Bhavan C/o. Near Kolhapur Irrigation Division (South), Ground Floor, Opposite Dhairya Prasad Hall, Tarabai Park, Kolhapur-416 003. The Working Hours of the Office are 11.00 am to 07.00 pm.

**Library :** About 565 books, periodicals, journals on various engineering subjects are available in Centre's Library.

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

**Theme - 2017**  
**"Role of Engineers in a  
Developing India"**  
**"भारताच्या विकासामध्ये  
अभियंत्यांची भूमिका"**



**Bharatratna  
Sir M Visvesvarayya (1860 - 1962)**

Sir M. Visvesvarayya 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 ...



*"To give real service, you must add something which cannot be bought or measured with money" - Bhart Ratna Sir Mokshagundam Vishweshwarayya.*

My dear friends, it give me immense pleasure to present this Annual Bulletin of Kolhapur Local Centre on the occasion of 50<sup>th</sup> Engineers' day 2017 to revere the memory of a revolutionary engineer of India Bharat Ranta Sir Mokshagundam Vishweshwarayya.

The Institution of Engineers (India), Kolhapur Local Centre is committed to building a congenial atmosphere in which coexistence is essential to create an intellectual industrial community. We believe that we have a special responsibility to nurture cooperation, tolerance and mutual respect in our nation of diversity. We strive to promote freedom of thought, innovation and creativity which are essential for academic and technological excellence. Each one of us has a continuing commitment to articulate, reinforce and reflect our national values.

Engineers play a very important role in every walk of human life. They convert knowledge of basic sciences into products and build bridges between sciences, technology and society. Their knowledge is the motivational force of the financial growth and community development of our country.

Globalization is leading to increased international standardization of techno-educational challenges and systems. India is one of the young countries in the world with the major proportion of the workforce in age group of the less than 35 years, growing steadily. This has become more significant considering the increasing pace of globalisation and the technological changes that are taking place in the world. Engineers contribute to the nation's technological and industrial progress and India is poised to emerge as a leading nation in the 21<sup>st</sup> century.

The government of India's "Make in India", "Start up India", "Digital India", "Swachha Bharat Abhiyan", offers a range of opportunities to our engineers and technologists from all over the country. Indian rural area especially needs appropriate technological innovations, and sustainable development opening new opportunities for Indian industrial sector. Development of Indian community of engineers can be viewed as a way to improve the efficiency and effectiveness of human resource. Engineers could also be seen as an enabling instrument to empower the individual and improve their social acceptance.

To embark on a journey of success one needs the tools of preparedness, foresight and strategy. These lead to the path of growth and excellence. It is imperative to combine these three forces in knowledge assimilation, where every day and every challenges act like a pivot tilting the pan balance of life in favour of professional excellence.

Friends, lets unite to brighten our future, and be confident that together we march to survive, sustain and excel in this competitive world towards a Golden Dawn!.

**Come let's join hands in transforming India to a New India-Engineered India.**

**Er. (Dr.) Jaydeep S. Bagi**  
Chairman

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

### Chief Guest



**Shri. Avinash Subhedar**  
Collector, Kolhapur

### Key Note Speaker



**Dr. Nayansigh J. Thakor**  
Ex. Dean, College of Agricultural Engg. & Technology,  
Dr. B. S. Kokan Krishi Vidyapeeth, Dapoli.

## Secretary Reports ...



Dear fellow Engineers, Corporate Members, Members of Students' Chapters and Budding Engineers, I express my warm welcome and greetings on the occasion of 50<sup>th</sup> Engineers' Day celebrations today.

It gives me pleasure to share my views and various activities conducted during last year. In my second year of tenure as a Honorary Secretary, I visited various Colleges either to start new Students' Chapter or to guide the students of various Engineering Colleges in the jurisdiction for development of IEI, Kolhapur Local Centre. I am glad to announce that we could start 2 Students' Chapters and one Institutional Membership during last year. There has been 10% increase in the membership of Kolhapur Local Centre. We will continue to gear up the membership drive in future also.

During year 2016-17 we organized various programmes on the topics of 'Water Security through Water Conservation', 'Food Processing in U.S.A.', 'Climate is Changing Agriculture must too', 'STTP on 'Power Quality and Industrial Drives', 'Energy Conservation in Agriculture', 'LEAN for Civil Engineers', 'World Water Day', '**National Conference on 'Interdisciplinary Trends in Engineering and Technology'**', 'Career Opportunities in Engineering & Centralized Admission Process', 'Engineers' Day', and Jal Sthapathya Engineering & Architecture'.

Similarly we have celebrated various statutory Days like World Water Day, Energy Conservation Day, World Environment Day and Engineers' Day.

This year we have invited Shri. Avinash Subhedar, Collector of Kolhapur as a Chief Guest and Er. (Dr.) Nayansigh Thakor, Ex Dean, College of Agricultural Engineering & Technology, Dr. B. S. K. K. V., Dapoli as a Key Speaker as per theme.

During last year large number of Diploma holders in Engineering approached us. The Kolhapur Local Centre coordinated to start 'Group A' coaching classes for AMIE examinations during last semester at D.K.T.E's Engineering College, Ichalkaranji and during this semester at Deccan Institute of Technology, Kolhapur. On behalf of IEI, I extend my deep sense of gratitude to these Institutes and the Faculty Members for helping needy students. This year we have strengthened our Library by purchasing various AMIE Books and furniture.

The Kolhapur Local Centre is looking forward to get the Government Land on lease basis. We have proposed office building comprising Meeting hall, Conference Room, Library and Guest House for the convenience of Fellow Engineers.

I am very much thankful to the Chairman and Committee Members for expressing trust, support and their help in serving as a Honorary Secretary of Kolhapur Local Centre. I am also thankful to Shri. Sambhaji Gurav, Office Assistant and Shri. Anil Narake, Jr. Office Assistant for their help in day to day activities of the Local Centre office.

The efforts are being made to reach maximum number of Fellow Engineers, Corporate members and student friends through Email, Facebook Page and Website of the centre. The Centre is felicitating 4 Best Engineers today. I congratulate all Best Engineers.

Once again thank you all.

**Er. Ajay B. Deshpande**

Hon. Secretary

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

## Our Event Partners



**Er. S. D. Salunkhe**

Superintending Engineer  
Water Resources Department,  
Kolhapur.



**Er. S. S. Salunkhe**

Superintending Engineer  
Public Works Department,  
Kolhapur.



**Er. (Dr.) J. S. Bagi**

Director,  
Department of Technology,  
Shivaji University, Kolhapur.

## 1. 49<sup>th</sup> Engineers' Day Celebration

Date : 15<sup>th</sup> September, 2016



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

**Chief Guest :** Shree. Atul Kahate, **Key Note Speaker :** Dr. Anant Sardeshmukh

**Venue :** Rajarshree Shahu Smarak Bhavan, Mini Hall, Dasara Chowk, Kolhapur.

## 2. Annual General Meeting

Date : 28<sup>th</sup> September, 2016



Annual General Meeting of Kolhapur Local Centre is conducted on 28 September 2016, at Hotel Pavillionn, Centre Chairman Er. (Dr.) Jaydeep Bagi welcomed all the members & he briefed about the activity report during the year. Annual Audited report was presented by Hon. Secretary Er. Ajay Deshpande. On various subject discussions were made.

## 3. Poster Presentation Competition on **WATER SECURITY THROUGH WATER CONSERVATION**

Date- 1<sup>st</sup> Oct. 2016



Er. Ajay Deshpande, Hon. Secretary attended Poster Presentation as a Chief Guest.



Er. Ajay Deshpande, Hon. Secretary IEI, Kolhapur Local Center distributed the Certificates to Winner students.

The students' Chapter of The D. Y. Patil college of Agril. Engineering & Technology, Talsande organized Poster Presentation on, 'Water Security through Water Conservation' jointly with IEI, Kolhapur Local Centre.

Er. Suhas Patil, Principal, DYPCAET, Talsande welcomed all Students. Er. Ajay Deshpande, Hon. Secretary, IEI, Kolhapur Local Center attended the programme as a Chief Guest. In all 147 Students attended the programme. The Certificates were distributed at the hands of Er. Ajay Deshpande and Er. Suhas Patil. On this occasion Er. Pravin Ukey and Er. Amol Gatadewere also present. Dr. Vishal Patil acted as convenor. Er. Amol Gatade, Er. Santosh Chavan and Er. S. S. Raut acted as judges and Er. Yogesh Chimate, coordinator for students Chapter proposed Vote of thanks.



#### 4. lecture on “Food Processing in USA” at Rajmachi

Date : 6<sup>th</sup> Oct. 2016



Er. Ajay Deshpande, Hon. Secretary, IEI, Kolhapur Local Center being felicitated by Director, of Dadasaheb Mokashi College of Agriculture & Food Technology, Rajmachi.



The Students of Dadasaheb Mokashi College of Agricultural Engineering & Food Technology, Rajmachi gathering for programme.

Er. Ajay Deshpande, Hon. Secretary attended the programme at Dadasaheb Mokashi College of Agricultural Engineering & Food Technology, Rajmachi on 6<sup>th</sup> November 2016 and guided the students on 'Career Opportunities in Agricultural Engineering and Er. Amit Mate, Corporate Member guided the Students on 'Food Processing in U.S.A. About 300 Students attended the programme. Dr. P. A. Unde, Principal, Food Technology & Agriculture, welcomed all. Er. Vidya Deshmukh introduced the guests. Er. Rahul Dhanawade proposed Vote of thanks.

#### 5. World Food Day, 'Climate is Changing Agriculture & Food must too'

Date : 16<sup>th</sup> Oct. 2016



Lighting the Lamps by Guest.



Present Guests, Er. (Dr.) Jaydeep Bagi, Chirman and Er. Ajay B. Deshpande, Hon. Secretary, Kolhapur Local on the Dais.

World Food Day was celebrated jointly by the Department of Technology, Shivaji University, Kolhapur and IEI, Kolhapur Local Centre on 16<sup>th</sup> Oct. 2016 under the theme “Climate is Changing, Food & Agriculture Must Too”. Er. (Dr.) Jaydeep Bagi, Director, DOT, Shivaji University, Kolhapur and Chairman, IEI, Kolhapur Local Centre welcomed all 450 Student participants gathered for State Level Poster Presentation on the occasion of World Food Day. Dr. Shubhangini Joshi, Ex. Principal, SNTD College of Food Technology, Mumbai delivered Key Note address on Climate Change & Food Technology. Er. Ajay Deshpande Hon. Secretary, IEI, Kolhapur Local Centre delivered key note address on Climate Change and Agriculture

#### 6. STTP on 'Power Quality and Industrial Drives'

Date 5<sup>th</sup> to 10<sup>th</sup> December 2016



In Inaugural Session felicitation of Er. Balram Mahajan, Committee member, IEI, Kolhapur Local Centre.



Hands on Experience for the Participates

## 7. Celebration of 'Energy Conservation Day'

Date : 21<sup>st</sup> January 2017



Dr. G. G. Khot, Associate Dean, College of Agriculture, Kolhapur welcomes Er. (Dr.) Jaydeep Bagi, Chairman, IEI, Kolhapur Local Centre



Dr. Mahesh Wagh, delivering the speech for Present Students and faculty members of College of Agriculture, Kolhapur.

Energy Conservation Day was celebrated by The IEI, Kolhapur Local Centre in association with College of Agriculture, Kolhapur. On this occasion a technical lecture on "Energy Conservation in Agriculture" was delivered by Dr. Mahesh Wagh, Coordinator for Energy, DOT, Shivaji University, Kolhapur. Dr. G. G. Khot, Associate Dean, College of Agriculture, Kolhapur, welcomed the Students & Faculty Members and Corporate Members. Er. (Dr.) Jaydeep Bagi, Chairman, IEI, Kolhapur Local Centre, stressed on the need for Energy Conservation in Agriculture sector and now the Students can get involved in conservation of Energy in day to day life. Er. Ajay Deshpande, Hon. Secretary, IEI, Kolhapur Local Centre proposed Vote of thanks. Around 200 Students and Faculty Members along with Corporate Members attended the Energy Conservation Day.

## 8. Inauguration of New Student Chapter in Civil Engineering at Walchand College, Sangli

Date : 28<sup>th</sup> January 2017



Guests on dais



Students and faculty members of Walchand College of Engineering, Sangli

## 9. National Conference on 'INTERDISCIPLINARY TRENDS IN ENGINEERING AND TECHNOLOGY' Date 27<sup>th</sup> Feb. 2017



Guests on dais.



Present Students and faculty members of Shivaji University, Kolhapur and Corporate Members of IEI, Kolhapur Local Centre.

A National Conference on 'INTERDISCIPLINARY TRENDS IN ENGINEERING AND TECHNOLOGY' was organized by Department of Technology, Shivaji University in association with IEI Kolhapur Local Centre & ISTE, New Delhi on 17<sup>th</sup> & 18<sup>th</sup> Feb. 2017 at V.S. Khandekar bhasha Bhavan, Shivaji University, Kolhapur. Dr. Syam S. & Mr. Vijay Patil were Chief Guest and Guest of honor respectively. Er. (Dr.) Jaydeep Bagi Director, DOT, Shivaji University & Chairman IEI, Kolhapur Local Centre welcomed all the dignitaries, faculty members & students participating in 2 days National Conference. Er. Syam S. stressed on hard work and practical approach for getting solution to routine problems. Er. Vijay Patil requested all participants to explore international opportunities. Er. (Dr.) P.C. Bhaskar, organizing Secretary, DOT, Shivaji University. Er. Ajay Deshpande Hon. Secretary, IEI, Kolhapur Local Centre, Er. Shrikant Bhosale teqip coordinator, Er. N. B. Mate, Er. D. R. Jadhav, Er. B. G. Mahajan Committee Members attended the Inaugural Session. Dr. N.N. Sahu, Head Food Tech. Department proposed Vote of thanks.



**10. Meeting with AMIE Students**Date : 28<sup>th</sup> Feb. 2017

Students of AMIE



Er. (Dr.) Jaydeep Bagi, Chairman and Er. Ajay Deshpande, Hon. Secretary, IEI, Kolhapur local Centre discussing about the problems faced by AMIE Students.

**11. Celebration of “World Water Day”**Date: 22<sup>nd</sup> March 2017

Guests on the dais.



Present Students and faculty members of DOT, Shivaji University, Kolhapur and Corporate Members of IEI, Kolhapur Local Centre.

**12. “Career Opportunities in Engineering Centralized Admission Process”**Date 2<sup>nd</sup> June 2017

Watering the plant by dignitaries on the dais.



Present Students with their Family and faculty members of DOT, Shivaji University, Kolhapur and Corporate Members of IEI, Kolhapur Local Centre.

**13. Celebration of “World Environment Day”**Date : 5<sup>th</sup> June 2017

Present faculty members of DOT, Shivaji University, Kolhapur, Corporate Members of IEI, Kolhapur Local Centre and Members of Rotary Club, Kolhapur



Plantation by present Members

## The Institution of Engineers (India), Kolhapur Local Centre Committee Member for Session 2015-2017



*I. P. Chairman*

**Dr. Girish S. Kulkarni**

Ph. D. (Environment)

M : 09923180139.

girishkulkarni63@gmail.com



*I. P. Secretary*

**Er. Indrajit A. Kadam**

B. E. (Civil)

Mobile No. 9420584409

indkad@rediffmail.com



*Past 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



*Past Chairman*

**Er. N. B. Mate**

B.E. (Mech.) MMS

M : 9422418791



*Committee Member*

**Er. M. N. Chavan**

M. Tech. (Electronics)

M : 9860028162



*Committee Member*

**Er. P. H. Patil**

B. E. (Electrical) M.I.E.

M : 09420255880



*Committee Member*

**Dr. P. V. Kadole**

Ph. D. (Textile) F.I.E.

M : 07774013600

pvkadole@hotmail.com



*Committee Member*

**Er. H. K. Keskar**

B. E. (Production), AM

M : 09158007806

keskarhrushi@gmail.com



*Committee Member*

**Er. S. D. Rathod**

M. Tech., (Agricultural), M.I.E.

M : 9850236103

sdr\_2004@yahoo.com



*Committee Member*

**Er. J. S. Govekar**

M. E. (Computer), M.I.E.

M : 9420493151

jadhav\_jyoti01@yahoo.com

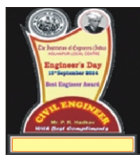
### "Best Engineer Awardees - 2017"



Dr. Mahesh B. Chougule



Er. Amol B. Gatade



Er. Atul V. Shinde



Er. Sudhir S. Bakare

**Publisher : Er. (Dr.) Jaydeep S. Bagi**, Chairman, IEI KLC

**Editor : Er. Ajay B. Deshpande**, Hon. Secretary, IEI KLC

TO,

**BOOK - POST**



*If undelivered please return to*

**The Institution of Engineers (India)**  
**Kolhapur Local Centre**

Near Kolhapur Irrigation Division (South),

Ground Floor, Sinchan Bhavan, Opposite Dhairya

Prasad Hall, Tarabai Park, Kolhapur-416 003.

Phonr No. (0231) 2650700, Mobile : 9422625485

E-mail : ieikople@gmail.com, kolhapuric@ieindia.org

Website : www.ieikolhapur.org