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NEWSLETTER

The Institution of Engineers (India)

97 YEARS OF RELENTLESS JOURNEY TOWARDS ENGINEERING ADVANCEMENTS FOR NATION BUILDING

Dr. Girish Mundada, FIE, Chairman

Er. Avinash Nighojkar, MIE, Hon. Secretary

PUNE LOCAL CENTRE

Editor -Er. Rajendrakumar V. Saraf, FIE

FROM THE EDITOR'S DESK

50th ENGINEERS DAY - 15th Sept. 2017



This is 5th issue of Newsletter since April 2017. I trust all the issues stood at your expectation. All efforts are made to reach out to all.

Engineers in

News, Book review, Report from student chapter, Editorial from the Committee member, Good and bad Engineering practices & Smile please are the features added to give wide spectrum of information to all the readers. The News Letter gives all the happenings at Pune Local centre and speaks about the members of IEI. It gives an opportunity to all members to get involved and make their contribution in the activities of PLC. It is a Universal truth that engineers can do lot in their respective field. However they find it most difficult to put the work done in the words in a given frame. We all engineers have to develop our capacity in Technical write up. We all are busy and some of us must have fully engrossed in their professional life. I take liberty to appeal you to find time to read the News Letter available at click on the internet and on the mail. Please forward it to your colleagues & send your feedback & contribution for the NEWS letter.



Sir Mokshagundam Visvesvaraya was an eminent engineer and statesman and played a key role in building of modern India. Sir M. Visvesvaraya was born on September 15, 1860. Visvesvaraya completed his early education in Chikkaballapur and then went to Bangalore for higher education. He cleared his B.A. Examination in 1881. In 1883 he ranked first in the L.C.E. and the F.C.E. Examinations (equivalent to B.E. Examination of today). Government of Bombay offered him a job and appointed him Assistant Engineer at Nasik. As an engineer, he achieved some marvelous feats. He planned a way of supplying water from the river Sindhu to a town called Sukkur. He devised a new irrigation system called the Block System. He devised steel doors to stop the wasteful flow of water in dams. He was the architect of the Krishnaraja Sagara dam in Mysore.

As Dewan of Mysore, he worked tirelessly for educational and industrial development of the state. When he was the Dewan many new industries came up. The Sandal Oil Factory, the Soap Factory, the Metals Factory, the Chrome Tanning Factory, the Bhadravati Iron and Steel Works.

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Water Resource Group – Er. Sudarshan Tandle

Sir M. Visvesvaraya was honored with Bharat Ratna in 1955 for his invaluable contribution to the nation. When he reached the age of 100, the Government of India brought out a stamp in his honor. Sir Visvesvaraya passed away on April 14, 1962 at the age of 101.

Some of the honours and laurels conferred on Sir M. Visvesvaraya

1904: Honorary Membership of London Institution of Civil Engineers for an unbroken period of 50 years

1906: “Kaisar-i-Hind” in recognition of his services

1911: C.I.E. (Companion of the Indian Empire) at the Delhi Darbar

1915: K.C.I.E. (Knight Commander of the Order of the Indian Empire)

1921: D.Sc. – Calcutta University

1931: LLD – Bombay University

1937: D.Litt – Benaras Hindu University

1943: Elected as an Honorary Life Member of the Institution of Engineers (India)

1944: D.Sc. – Allahabad University

1948: Doctorate – LLD., Mysore University

1953: D.Litt – Andhra University

1953: Awarded the Honorary Fellowship of the Institute of Town Planners, India

1955: Conferred ‘BHARATHA RATNA’

1958: ‘Durga Prasad Khaitan Memorial Gold Medal’ by the Royal Asiatic Society Council of Bengal

1959: Fellowship of the Indian Institute of Science, Bangalore

In 1981 Government of India established an apex body under the chairmanship of Prime minister and Chief Minister of various states of members with secretaries of Water Resources under the name National water Development Agency for framing the proposal and projects to develop water resources in consultation with the experts working in the water sector. Intra basin and inter basin water transfer from various rivers in the country considering the characteristics of flow condition of rivers in Northern Region and Southern Region of India. A preliminary report of interlinking of rivers was prepared in the year 2001. Government of India prepared a detailed project on the lines given by the NWDA in the consultation with the State Governments. The main idea was to use the surplus water flowing through the river during high floods that causes the damages. Water will be diverted to the water scarcity zones through various rivers. Such links are identified with location of various Dams.

Considering the importance of Water Resource Management, The Institution of Engineers (India) Pune Local Centre, established water Resource Group under the guidance of Er. M. G. Padhey, Ex Secretary Water Resource, Government of India to support the Intra basin and Inter basin Water Transfer Project, Popularly named as Interlinking of Rivers in India. In the year 2003 National seminar was held at PLC for which Government of India deputed representative from NWDA. Water Resource Group started meeting on every Tuesday of the month. Various subjects related to Water Resources e.g. Agriculture, Irrigation, Energy, Ground water, Water supply and Sanitation, Forest, Legal Issues, Financial implication & Role of NGOS are discussed amongst the member. This has provided the frame work for the lectures, workshops & seminars in Water related issues.

Please join Water Resource Group.

8TH AUGUST 2017 WORKSHOP ON POSTER COMPETITION ON SAVE ENERGY

A workshop was organized in Association with Marathi Vidnyan Parishad, Pune. Artist Ramakant Dhanorkar Mr. Vinay R R, Mrs. Neeta Shaha & Er. Rajendrakumar Saraf guided the participants for making the posters.

17TH AUGUST 5 S LECTURE BY MR. LAXMIKANT KATHARE AT IEI PLC EXTENSION CENTRE AT PIMPRI CHINCHWAD

Mr. Laxmikant Kathare (MD & CEO) from Improsys delivered the lecture on 5 'S' Management. He elaborated the 5 S i.e. Seiri (Sort), Seiton (Set in order), Seiso (Shine), Aeiketsu (Standardization) & Shitsuke (Sustain). These are the most important in workplace organization methods. He describes how to organize a work place for efficiency and effectiveness by identifying and storing the items used, maintaining the area and items, and sustaining the new order. The decision-making process usually comes from a dialogue about standardization. It builds understanding among employees for better job & improved output.

Er. Sudarshan Tandale welcomed the Guest and gave the information about functioning of IEI.

Er Rajeev Bhavsar Convenor introduced the Speaker. The audience was from various industries, Institutions and Pimpri Chinchwad Corporation. .



Engineer says I can talk what I know
Bureaucrat says I can talk what I do not know
Engineers build the bridge credit goes to Bureaucrat
Bridge collapses credit only and only goes to Engineers

A man in a hot air balloon realized he was lost. He reduced altitude and spotted a woman below. He descended a bit more and shouted, "Excuse me, can you help me? I promised a friend I would meet him an hour ago, but I don't know where I am."

The woman below replied, "You're in a hot air balloon hovering approximately 30 feet above the ground. You're between 59 and 60 degrees north latitude and between 107 and 108 degrees west longitude."

"You must be an engineer," said the balloonist.

"I am," replied the woman, "How did you know?"

"Well," answered the balloonist, "everything you told me is technically correct, but I've no idea what to make of your information, and the fact is I'm still lost. Frankly, you've not been much help at all. If anything, you have delayed my trip."

The woman below responded, "You must be in Management."

"I am," replied the balloonist, "but how did you know?"

"Well," said the woman, "you don't know where you are or where you're going. You have risen to where you are due to a large quantity of hot air. You made a promise, which you have no idea how to keep, and you expect people beneath you to solve your problems. The fact is you are in exactly the same position you were in before we met, but now, somehow, it's my fault."



INVITATION

The Chairman & The Members of the Committee of
The Institution of Engineers (India),
Pune Local Centre
Jointly with Indian Water Works Association, Pune Centre
Solicit your esteemed presence at the

50th Engineers' Day Celebration

Organized at Pune

on Friday 15th September 2017 at 6.30 PM

Er. Pravin M. Kide

Chief Engineer, PWD Pune Region

Has kindly consented to be the **Chief Guest**

And

Er. Shravan Hardikar, I.A.S.

Commissioner PCMC.

Will deliver the **Keynote address** on the theme
Role of Engineers in the Developing India

All are cordially invited to grace the occasion along with your friends

Er. A K Nighojkar
Hon. Secretary IE(I) PLC

Er. V N Shinde
Convener

Dr. Girish Mundada
Chairman IE(I), PLC

Er. A G Deshmukh
Secretary IWWA

Er. D B Panse
Vice Chairman IWWA

Er. S N Garande
Chairman IWWA

Venue: Firodia Auditorium, The Institution of Engineers (India),
Pune Local Centre, S G Barve Chouk J M Rd - 1332, Shivajinagar, Pune-411005.

Note : Programme will be followed by High Tea.

RSVP : Er. V N Shinde- 9921414957



INVITATION

The Chairman & The Members of the Committee of
The Institution of Engineers (India), Pune Local Centre
Jointly with
Indian Institute of Bridge Engineers Pune Centre
request the pleasure of your company at

A SPECIAL LECTURE PROGRAMME ON THE TOPIC

FASCINATING METRO PROJECTS OF INDIA

By **Er. Vinay Gupta**, President IIBE & CEO Tandon Associates

on Wednesday 13th September 2017 at 6.30 pm

All are cordially invited.

Er. Avinash K Nighojkar
Hon. Secretary IE(I), PLC

Er. V N Shinde,
Convener

Dr. Girish Mundada
Chairman IE(I), PLC

Shri Prasad Sevekari,
Hon. Secretary, ICI, Pune Centre

Shri Ujwal Kunte,
Chairman, ICI, Pune Centre,

Er. Sachin S. Date
Secretary IIBE Pune

Prof. V R Phadke
Chairman IIBE -Pune

Venue: Firodia Auditorium, The Institution of Engineers (India), Pune Local Centre,
Shivajinagar, Pune- 411005.

RSVP Er. V N Shinde : 9921414957 ; Er. Sachin Date-8208557376 ; Mrs.Madhuri (ICI) 9423018632.



FORTHCOMING PROGRAMMES

Date & Time & Venue	Program Details	Convenor
Friday 1 st September 2017 6.30 Pm	M V Mehendaley Memorial lecture	Dr. Nerkar
Saturday 9th and Sunday 10th September 2017	33 rd National Convention of Chemical Engineering Division	Dr. P M Deshapande
Wednesday, 13 th September 06.30 pm Firodiya Hall	Speaker Er. Vinay Gupta, President IIBE & CEO Tandon Associates, Mumbai. Topic - FASCINATING METRO PROJECTS OF INDIA in association with IIBE Pune Center.	Er. V. N. Shinde
Friday, 15 th September 2017 06.30 pm. Firodiya Hall	50 th Engineers' Day in association with IWWA Pune, Keynote Speaker Er. Shravan Hardikar IAS Commissioner PCMC- Theme- Role of Engineers in the Developing India. Chief Guest Er. Kide Chief Engineer PWD	Er. V. N. Shinde
Tuesday 19 th September Firodiya Hall	Popular Science Lecture with Marathi Vidnyan Parishad Haemoglobin, the critical health parameter in Indian Women - Dr. Sharvari Shukla	
5 th , 12 th , 19 th & 26 th September Tuesdays 5.30 PM Seminar Hall 1	Water Resource Group & Energy Forum Meeting The meeting is held on every Tuesday to discuss various issues Related to Water & Energy. Please get involved and be a part of Group & Forum	S. V. Tandle Er. A. H. Kelkar. Er. R. V. Saraf

Other Events / Activities.

- 1) Vidyut Suraksha Manch – Every Second Saturday – 6.30 pm. at PLC
- 2) Infrastructure interaction – Every Fourth Tuesday 5.30 pm.