



# The Institution of Engineers (India)

## U.P. State Centre

IEI NEWS

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

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### FROM CHAIRMAN'S DESK



Dear Members,

And now through this last address as Chairman of the Centre, I thank you all for your encouragement and support for organizing and taking part in various activities during my tenure. I also thank our SCC Members (2014-16) for their support and co-operation in handling the financial crisis due to payment of arrears of House Tax of 15 years. During my tenure, a number of Seminars/Workshops, Technical Lecture Meetings on different topics, Independence Days, Republic Days, Engineers Days, World Telecom Days, World Environment Days, World Standard Days, World Habitat Days, World Water Days, National Energy Conservation Days etc. were organized with full enthusiasm. Social gatherings, such as Holi & Deepawali Milans, were organized with full fervor.

After a gap of a decade, during current year, the outer walls of the Engineers' Bhawan building were got repaired and repainted, at minimum expenses. Sri Tilak Ram Verma a well-wisher of the IEI, got resurfaced all inner roads within the premises of the State Centre and bore complete expenses. I thank him as these roads were in poor condition for last many years. I thank Staff Members too, for their dedicated services in handling the activities. I wish to thank specially, Er. Praveen Malhotra, the outgoing Honorary Secretary, who discharged his duty in various activities of the State Center, sincerely and calmly even in difficult period. I also take this opportunity to thank Er. V B Singh, the past Chairman who was always ready to help and come forward with his valuable guidance as and when required. Since, I have been appointed Member, Uttar Pradesh Public Service Commission (a Constitutional post) by the Honorable Governor of U.P., I may have to resign from the post of the Chairman of the IEI, U.P. State Centre before joining it. In that case, through this newsletter, I would like to convey my good wishes for the incoming office bearers and SCC members, who will take charge in the forthcoming AGM.

Thanking you once again.



(A.K. Gupta) FIE  
1st No. 2016

### Notice for 96<sup>th</sup> AGM of IEI, UP State Centre

All Corporate Members  
IEI, UP State Centre

In pursuance of Reg. 6, it is hereby notified that 96th Annual General Meeting of IEI, UP State Centre, Lucknow will be held on December 10, 2016 at Engineers' Bhawan, River Bank Colony, Lucknow as per following programme:-

**Dec. 10th 2016 (Saturday)**

11:30 Hrs Registration

12:00 Hrs Business Session (for corporate members only)

**Agenda for Business Session:-**

- 1 To confirm Minutes of Meeting of 95th AGM held on 22nd Nov. 2015 at IEI, UPSC.
- 2 To receive the Audited Accounts & Annual Report for the year 2015-16.
- 3 To appoint Auditors for the Session 2016-17 & fix their remuneration.
- 4 To report on composition of the Committee of IEI, UPSC for the Sessions 2016-17 & 2017-18.

Praveen Malhotra, FIE  
Honorary Secretary

### Prof. (Dr.) Bharat Raj Singh, FIE: Our new Chairman of IE(I), UP State Centre for the Session 2016-18



Dr Bharat Raj Singh, born on 1st July 1947, obtained an engineering degree from SVREC, South Gujarat University in 1972; Completed Masters in Engineering from MNREC, Allahabad University. After becoming Masters in Business Administration in 1994, he completed Ph. D for Development & Analysis of Air Engine from UP Tech University, Lucknow in the year 2011.

He started his career in HSCL in 1972 and shifted to UP Rajkiya Nirman Nigam in Dec 1976. Served the department in different capacities and became head of the department as Managing Director in Sep 2003. Even after retirement he served UP RNN as consultant and then joined Sagar Institute of Technology & Management as Professor & Head of the Department in Mechanical Engineering and became Dean/Dy. Director in March 2005. In July 2009, he shifted to SMS Institute of Technology as Assoc. Director and is also Chairman, Sir CV Raman Centre for Research & Innovation from Aug' 2011 as well as Director, SMS Institute of Technology from July' 2013 and now became Director General-Technical in Nov 2016.

Dr Singh, a recipient of Governors Award during his Secondary Education for preparation of Scientific Instrument, has received a number of Awards including Best officers award from U.P. Govt.; Life time achievement award by International society of Agile manufacturing, U.S.A.; Limca book of record in 2014 for First Inventor of Compressed Air Bike and 2015 for First Academician's Text in US Curriculum; National U.P. Tech. education Award-2014 for excellence in education, Shiksha Gaurav Award in 2016 etc. A fellow of the Institution of Engineers, he is attached to approx. 49-various organizations of National & International repute and is member of Editorial Board / Advisory Board of leading National & International Journals including Editor-in-Chief – JPSET-SAMRIDHI, a Journal of Physical Sciences, Engineering & Technology.

Dr Bharat Raj Singh an author of number of books and many book's chapters have been included in International Environmental & Technical books. More than 108 papers have also been published in National / International Journals to his credit.

He will assume office as Chairman, UP State Centre in the AGM to be held on 10th December' 2016.

### Er. R K Trivedi, FIE: Our new Honorary Secretary of IE(I), UP State Centre for the Session 2016-18



Er R K Trivedi, graduated in civil engineering from university of Roorkee in the year 1974 and after completing ME (Highway&Traffic engg) from the same university, joined UP Irrigation Deptt at I.R.I. Roorkee. After serving for about a year joined UPSEB and served in thermal wing all through the service. Initially he was involved in planning, design and engineering of various thermal power projects, later on worked at Anpara and obra thermal projects, where he was involved in construction of various heavy industrial structures and different type of residential and non residential buildings. He was also in charge of quality assurance cell for civil engg works of Parricha & Harduaganj extension projects and Anpara D power station.

He has also held the posts of Hon Secretary and chairman of Anpara Local Centre. He retired from Obra Thermal Power station of UP Rajya Vidyut Utpadan Nigam as Superintending Engineer in 2011.

### Forthcoming Events at IEI, U.P. State Centre

Sl.No.	Date	Event
1.	Dec. 10, 2016	96 <sup>th</sup> Annual General Meeting
2.	Dec. 14, 2016	Energy Conservation Day



## ANNUAL REPORT 2015-16

### A. Membership on Roll

Grade of Members	As on 31.03.2015	As on 31.03.2016
Corporate	12196	13018
Non Corporate	58073	60172

### B. Technical & other activities held during the period

2nos. Two Day All India Seminar/Workshop, 6nos. National Days, 6nos. Lecture Meeting, Engineers Day, Annual Technical Session, AGM, Holi & Deepawali Milan were organized during the year under reference as per following details-

- 18.04.2015 : Lecture Meeting on 'e-Governance-Paperless Working'
- 17.05.2015 : 'World Telecom Information Society Day'
- 05.06.2015 : 'World Environment Day'
- 26.07.2015 : Lecture Meeting on 'VAASTU: An Introduction'
- 09.08.2015 : Lecture Meeting on 'Metro Rail in Lucknow'
- 15.08.2015 : Independence Day
- 22/23.08.2015 : All India Seminar on "Innovative Building Materials and Technology for Sustainable Constructions"
- 15.09.2015 : Engineers' Day-2015
- 05.10.2015 : World Habitat Day 2014
- 14.10.2015 : World Standard Day 2014
- 14.11.2015 : Deepawali Milan
- 21/22.11.2015 : All India Seminar on 'Sources of Planet Energy, Environmental & Disaster Science : Challenges and Strategies (SPEED-2015)
- 21.11.2015 : Annual Technical Session
- 22.11.2015 : 95<sup>th</sup> Annual General Meeting
- 14.12.2015 : National Energy Conservation Day 2015
- 08.01.2016 : Lecture Meeting on 'Public Awareness for Safe use of Lifts in Buildings'
- 09.01.2016 : Lecture Meeting on 'Use of Suitable Paints for Buildings & Roads'
- 26.01.2016 : Republic Day Celebration
- 07.02.2016 : Lecture Meeting on Geo-Synthetics Overview and Applications in Infrastructure Development Projects (Roads)
- 22.03.2016 : World Water Day-2016
- 27.03.2016 : Holi Milan

### C. Examination

The Summer-2015 and Winter-2015, Section A & B exams were held successfully as per schedule.

### D. Publication :

Monthly Newsletter were published and sent to all members of U.P. State Centre.

### E. Library

Total no. of books as on 31.03.2015	:	12114
No. of Books added during the year	:	185
Total no. of books as on 31.03.2016	:	12299

Periodicals/Magazines: A total no. of 03 periodicals/Magazines and Newspapers were subscribed per month regularly during the year.

### F. Accounts

Statement of Income & Expenditure and Balance-Sheet of the State Centre for the year ending 31<sup>st</sup> March 2016 were prepared & audited by Chartered Accountant as per schedule.

### G. Building of U.P. State Centre & Facilities available

The U.P. State Centre is having its own spacious building which was constructed during the year 1954 to 1958. U.P. State Centre building presently having a multipurpose air-conditioned Auditorium with seating capacity of 400 persons, Technical Library, Air-conditioned Conference Room and Guest House with 3nos. Air-conditioned and 3nos. Air Cooled double bedded suites. All these facilities are available on nominal maintenance charges. The facilities are available for Technical Activities and Examination purposes or any activity related to these and of professional nature.

**Praveen Malhotra, FIE**  
Honorary Secretary

## Minutes of 95<sup>th</sup> Annual General Meeting of IE(I), U.P. State Centre, Lucknow, held on 22-11-2015

Er. A.K. Gupta, FIE, Chairman, IE(I), U.P. State Centre welcomed the Corporate Members and called the meeting in order.

### 01. To confirm Minutes of Meeting of 94<sup>th</sup> Annual General Meeting held on 30-11-2014 at IE(I), U.P. State Centre.

Er R. R. Tanwar, FIE proposed that the Minutes of Meeting be confirmed which was seconded by Dr. Syed Hasan Abbas, MIE

It was resolved that the Minutes of 94<sup>th</sup> AGM held on 30<sup>th</sup> November 2014 are confirmed.

### 02. To receive Audited Accounts & Annual Report for the year 2014-15

Er Apoorva Agha, FIE proposed that Audited Accounts & Annual Report for the year 2014-15 be confirmed which was seconded by Er. V B Singh, FIE.

It was resolved that Audited Accounts and Annual Report for the year 2014-15 of UP. State are confirmed.

### 03. To appoint Auditors for the Session 2015-16 and fix their remuneration.

Prof A.J. Ansari, FIE proposed following for adoption of the resolution which was seconded Er Apoorva Agha, FIE. It is resolved that M/s. Ajay Aditya & Co, Chartered Accountants, 'AASTHA' 6/150, Vipul Khand-6, Gomti Nagar, Lucknow-226010 are hereby appointed as Auditors of IE(I), U.P. State Centre, Lucknow and their remuneration is herewith fixed at Rs6000/- + Service Tax per annum for the Audit Work.

The AGM concluded with the Vote of Thanks by the Honorary Secretary, Er. Praveen Malhotra, FIE. The Session Chairman thereafter closed the BUSINESS SESSION of the 95<sup>th</sup> AGM.

**Praveen Malhotra, FIE**  
Honorary Secretary

## REQUEST FOR INVIGILATION WORK FOR AMIE EXAMS

Members are requested to send their willingness to the Honorary Secretary, UP State Centre, for Invigilation Work in AMIE WINTER-2016 Examinations to be held from 3<sup>rd</sup> to 9<sup>th</sup> Dec. 2016. A remuneration of Rs400/- shall be paid per meeting of 3hrs. and Rs800/- for full day.

**Praveen Malhotra, FIE**  
Honorary Secretary

## ‘विश्व पर्यावास दिवस’ आयोजित

विश्व पर्यावास दिवस पर इंस्टीट्यूट ऑफ इंजीनियर्स में आयोजित कार्यक्रम में मुख्य वक्ता डा. ए.पी.जे. अब्दुल कलाम तकनीकी विश्व विद्यालय के प्राचार्य एवं वास्तुकला संकाय के अधिष्ठाता प्रो. जगबीर सिंह ने चिन्ता व्यक्त किया कि सभी को उचित आवास सुविधा उपलब्ध कराना बढ़ते शहरीकरण के मद्देनजर एक चुनौती बन गया है। विश्व की एक चौथाई जनसंख्या अभी भी झुग्गी-झोपड़ी में रह रही है। गरीब मजदूर, महिलायें, अशक्त लोग बड़ी ही दीन-हीन दशा में रह रहे हैं। उनके सिर पर उनकी झोपड़ियाँ उजड़ने का खतरा हर समय मंडराया करता है। प्रतिवर्ष 5 करोड़ नए बसने वाले लोगों को आवास प्रदान करने के लिए वर्ष 2025 तक 10 करोड़ आवासों की आवश्यकता होगी। समुचित आवास का तात्पर्य केवल चार दीवारें एवं छत ही नहीं है। इसके साथ अन्य सुविधायें भी देना आवश्यक है। उन्होंने यह भी कहा कि भवनों में ऊर्जा खपत कम करने हेतु आवासों को डिजाइन करते समय उनके ओरिएन्टेशन पर भी विचार

करना चाहिए। प्राकृतिक उष्मीकरण एवं शीतलीकरण तकनीक का उपयोग अवश्य करना चाहिए। जहाँ तक सम्भव हो भवनों का रुख दक्षिण-पूर्व की दिशा में रखना चाहिए एवं आंगन का प्राविधान भी घरेलू भवनों में किया जाना चाहिए। भवनों के बने व खुले भाग भारतीय जीवन शैली के अनुसार डिजाइन किए जाने चाहिए। कालोनियों में खुले स्थान जैसे कि बच्चों को खेलने हेतु पार्क, वृद्धों हेतु निर्बाधित पैदल चलने हेतु स्थान एवं जॉगिंग पथ का प्राविधान आवश्यक है। इससे पूर्व संस्थान के अध्यक्ष श्री ए. के. गुप्ता ने अतिथियों का स्वागत किया। कार्यक्रम के संयोजक एवं पूर्व अध्यक्ष श्री वी.बी. सिंह ने बताया कि विश्व पर्यावास दिवस मनाने का मुख्य उद्देश्य लोगों को उचित आवास एवं तत्सम्बन्धी सुविधायें उपलब्ध कराना है। कार्यक्रम का अन्त संस्थान के मानद सचिव प्रवीण मल्होत्रा के सभी अतिथियों एवं उपस्थित सदस्यों के धन्यवाद ज्ञापन से सम्पन्न हुआ।



प्रो. जगबीर सिंह एवं इं. ए.के. गुप्ता दीप प्रज्वलित करते हुए



श्री ए.के. गुप्ता, चेयरमैन अभियन्ताओं का स्वागत करते हुए

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