



IEI NEWS

# The Institution of Engineers (India)

U.P. State Centre

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

e-mail : upsc@ieindia.org

website : www.ieiup.org.in

Phone : 0522-2625322

Vol. XXVIII

ISSUE : 9-10

Nov.-Dec. 2018

## FROM CHAIRMAN' DESK



Dear Eminent Engineers,

Firstly, I would like to extend my good wishes to you and your family, on my behalf and on behalf of the State Centre, a very happy and prosperous New Year 2019. I would also like to express my gratitude to the members of the committee of the UP State Centre of IEI for having confidence and reposed faith on me

for electing me as Chairman of the State Centre. I assure you that the responsibility and decorum of the office bestowed on me will be maintained with my full dignity, decency and dedication. On 14<sup>th</sup> December 2018 National Energy Conservation Day was celebrated at the State Centre Chief Guest on the occasion was Er Sanjay Tewary, Director (P & A), UP Rajya Vidyut Utpadan Nigam Ltd. and Keynote Speaker was Er. Varalika Dubey, Chief Engineer, UP Powe Corporation Ltd., Er J S Mishra, Past Honorary Secretary was the Convener of the event, which was attended by 60 members.

From 21st to 23rd Dec. 2018 Indian Engineering Congress organized by The Institution of Engineers (India) was held at Udaipur which was attended by over 500 Engineers from across the country and few foreign delegates were also present. The theme of Engineering Congress was 'Integration of Technologies: Emerging Engineering Paradigm'.

I would also request all the members of State Centre and SCC members to come forward for organizing technical events pertaining to present and future global issues.

**Er. R. K. Trivedi, FIE**  
Chairman

## FORTHCOMING EVENTS AT IEI, UP STATE CENTRE

Sl	Date	Events
1.	26 <sup>th</sup> January 2018	Republic Day

## REPORT ON 98<sup>TH</sup> ANNUAL GENERAL MEETING

The 98<sup>th</sup> Annual General Meeting of the Institution of Engineers (India), UP State Centre was held on 11th November 2018 at Engineers' Bhawan, River Bank Colony, Lucknow. The meeting was conducted by Er. R. K. Trivedi, FIE, Hony. Secretary & Chairman Elect for the sessions 2018-20.

He announced the names of newly elected Chairman (himself) & Hony. Secretary Er. Prabhat Kiran Chaurasia, FIE along with all newly elected Members of the State Centre Committee. In his address he desired to strengthen the activities of the State Centre by organizing Seminars, Conferences and also awareness programmes towards Green Energy and Environmental issues.

He also read out the pre-circulated notice and Agenda of 98th AGM and read out the minutes of 97th AGM which were confirmed by the house. After that he presented the Audited Accounts and Annual



Report of UP State Centre for the Financial year 2017-18 and the house approved the same. The house decided to re-appoint M/s S. Baijal & Co., Chartered Accountants as the auditor of UP State Centre for the Financial Year 2018-19.

In the end, Er Prabhat Kiran Chaurasia, FIE, Hony. Secretary proposed vote of thanks.

## REPORT ON DEEPAWALI MILAN

The Institution of Engineers (India), UP State Centre organised Deepawali Milan for it's members and their families in the evening of November 11, 2018.

The function was started by lighting of lamp. Er R K Trivedi, Chairman welcomed the members on the occasion and extended good-wishes for Deepawali. The members exchanged pleasantries.

A cultural show was also presented by Swaranjali Cultural and Welfare Society in which participants were Er. D. K. Srivastava, Ms



Kanjil, Ms Kalvindar Kaur, Ms Sunaina Jaiswal, Ms Kuhu Srivastava, Ms Pihu Srivastava, Shri Sanjeev Shukla, Shri Rajjan Lal and Shri B. K. Sharma etc which was enjoyed by all audience.

At the end Er Prabhat Kiran Chaurasia, Hony Secretary thanked all the members for coming in large number.

## REPORT ON ALL INDIA SEMINAR ON 'SOURCES OF PLANET ENERGY, ENVIRONMENT & DISASTER SCIENCE: CLIMATIC DISTURBANCES & ITS GLOBAL IMPACT (SPEED-2018)

All India Seminar on 'Sources of Planet Energy, Environment & Disaster Science: Climatic Disturbances & Its Global Impact' (SPEED-2018) was organized by IEI, UP State Centre in association with School of Management Sciences, Lucknow and Dr. A. P. J. Abdul Kalam Technical University, Lucknow on 24-25 November, 2018 at SMS, Campus, Lucknow.



### A View of Dias

Dr. Rajendra Singh, Nation wide known as Waterman of India and a Magsaysay Awardee, dealt in details about Water Management issues and various ways of recharging the ground water, as water management became very essential in view of climate change. He also stressed the need of reducing the green house gases in the atmosphere to restrict the temperature rise.

Keynote Speaker Dr. C.M. Nautiyal, Former Sr. Scientist, Birbal Sahni Institute of Palaeobotany, Lucknow, told the gathering that Climate change is also related with the Socio Economic condition of the country. We can not think of mitigating the Climate change without understanding and managing the energy scenario. Energy availability and consumption is much more in developed countries as compared to the developing countries. He stressed the need of generating more and more renewable energy than energy generated by fossil fuel to reduce emission. Within next 20-25 years, 50% of World energy will be produced by renewable energy sources.

Dr. D.P. Singh, Professor and Head, Babasaheb Bhimrao Ambedkar University, Lucknow was the guest of honour, who told the gathering that seasonal fluctuation in the weather should not be taken as absence of Global warming. He emphasized the need of increased forest cover as it traps the moisture from atmosphere and convert it into rainfall.

Earlier Dr. Bharat Raj Singh, DG (Technical) SMS and Immediate Past Chairman, IEI,UP State Centre welcomed the guests and introduced the theme of the Seminar to the delegates. He told the gathering that an Inter Governmental Panel on climate change (IPCC) in its report has predicted that World temperature will rise by 2-4.5°C by 2100 AD relative to pre-industrial level temperature. In 2016 at Paris meet on Climate change, it was agreed by all countries that the Global temperature rise will be limited by 1.5°C but this rise will be achieved within 10-15 year only, if effective measures are not taken to reduce green house gas emission as green house emission are responsible for average temperature to increase all over the world.

Er R K Trivedi, Chairman, IEI,UP State Centre informed the gathering about the various programmes on awareness in this regard organised by the IEI, Centre. In the end Dr. Prashant Kumar Gangwar, Head of Civil Engg. Department of SMS delivered vote of thanks.

In all more than 10 papers/articles were presented in the seminar.

## REPORT ON ENERGY CONSERVATION DAY-2018

National Energy Conservation Day was celebrated at UP State Centre of IEI on 14th Dec. 2018. The Chief Guest of the occasion was Er Sanjay Tewary, Director (P & A), UP Rajya Vidyut Utpadan Nigam.

Chief Guest told that conservation of energy is the need of the hour in our modern world today. It serves two important and useful purposes-

1. The energy saved saves fuel.
2. The health of environment is directly proportional to the energy saved. The conservation of energy means using less energy or using energy in more efficient manner.

The Earth provides enough to satisfy every man's needs but not every man's greed. He also emphasized on the necessity of conservation of energy and various ways to conserve the same.

The keynote speaker Er. Varalika Dubey, Chief Engineer, UP Power Corporation Ltd. discussed in detail about various ways to conserve energy such as using energy efficient devices, use of solar energy in place of conventional energy. Since lot of energy is consumed in building construction and its maintenance work, she suggested that energy construction building code (ECBC) must be used for construction of all the buildings.

Er Prateek Aggarwal & Ms Kanika Balani, Programme Associate and Research Analyst, Council on Energy, Environment and Water also expressed their views on energy conservation. Ms Kanika Balani dealt with solarisation of irrigation and Er Prateek Aggarwal discussed various ways for reducing heat rate in thermal power station for energy conservation.

Earlier Chairman Er R. K. Trivedi welcomed the guests. Er J S Mishra, Past Hony. Secretary & Convener introduced the theme to the audience. In the end Er Prabhat Kiran Chaurasia, Hony. Secretary proposed vote of thanks.

## REPORT ON LECTURE ON SPIRITUAL AND EMOTIONAL WELLNESS FOR PROFESSIONALS

A joint lecture meeting on the Topic "Spiritual and Emotional Wellness for Professionals" was held by the Institution of Engineers - U.P. State Centre and Indian Society for Training & Development - Lucknow Chapter at Engineers Bhawan, River Bank Colony, Lucknow on 27th December 2018.

Mr Chandra Shekhar Varma, a well known Corporate Trainer & Motivational Speaker, was the Chief guest and key note speaker. He is a Poet & Writer of repute as well. In an interactive session he said that in our busy life schedule we suffer under stress for the incidents and happenings which are beyond our control. These stresses have



negative effect on our physical and mental health. To over come such avoidable stress, one must have self control with prosperity in his life.

He told that the problems exist in everyone's life but greatness is in solving those problems sensibly. One who don't loose control during difficult conditions remains free from undesired stresses.

Earlier the meeting started after lighting of the lamp. Thereafter Er. R.K. Trivedi, Chairman of the IE - U.P. State Centre welcomed the guest speaker by presenting him a bouquet. Honorary Secretary of IE- U.P. State Centre, Er. Prabhat Kiran Chaurasia in his address welcomed the guest speaker and other invited guests. Mr. Shishir Jindal, Convener (Programmes) of ISTD - Lucknow, introduced the guest speaker.

Mr R.K. Trivedi, Chairman of the Institution of Engineers, U.P. State

Centre also spoke on the occasion. Mr M.M. Khan, Chairman of ISTD - Lucknow Chapter in his address covered the Emotional part of the wellness.

Many members and office bearers of Institution of Engineers - U.P. State Centre and ISTD - Lucknow Chapter along with other invited guests attended the meeting.

After the vote of thanks by Sri Prabhat Kiran Chaurasia to all and presentation of memento to the guest speaker the meeting concluded followed by high tea.

## IEI, UP STATE CENTRE COMMITTEE (2018-20) IE(I), UP State Centre

### CHAIRMAN

- 1 **Er Rajesh Kumar Trivedi**, F-0173195(CV)  
Mob:9415900252  
E-mail: rajeshtrivedi4@gmail.com

### HONORARY SECRETARY

- 2 **ER PRABHAT KIRAN CHAURASIA**, F-108923-0 (MC)  
MOB:09451244670; 09454042724  
Email:prabhatkiranchaurasia@gmail.com

### IMMEDIATE PAST CHAIRMAN

- 3 **PROF.(DR.) BHARAT RAJ SINGH**, F-0108576(MC)  
Mob:09935025825  
E-mail: brsinghko@yahoo.com; brsinghko@gmail.com

### AGRICULTURAL ENGG. DIVISION

- 4 **DR JASWANT SINGH**, F-1030937 (AG)  
MOB: 9415922832  
E-mail: jaswant\_singh\_us@yahoo.com

### AEROSPACE ENGG. DIVISION

- 5 **ER RAHUL SHARMA**, AM151480-9 (AS)  
Email: rahul.2immi@gmail.com  
Mobile: 9899972154

### ARCHITECH ENGG. DIVISION

- 6 **ER. SHARAD CHANDRA ASTHANA**, M-1305276 (AR)  
Mobile : 09415301776  
Email:sharad.c.asthana@gmail.com

### CHEMICAL ENGG. DIVISION

- 7 **ER DINESH KUMAR SRIVASTAVA**, M-110234-0 (CH)  
Mob: 8052996855  
Email: dks\_tech@yahoo.co.in

### COMPUTER ENGG. DIVISION

- 8 **PROF (DR) KARM VEER ARYA**, F-123718-3 (CP)  
Mob:9406967661  
Email:kvarya@gmail.com

### CIVIL ENGG. DIVISION

- 9 **ER AHMAD HUSAIN**, F-018295-4 (CV)  
Email: husain.ahmad1@gmail.com  
Mobile: 9415900874
- 10 **ER MASARRAT NOOR KHAN**, F-018367-5 (CV)  
Mobile: 9412509733  
Email: masarratnoorkhan@gmail.com
- 11 **ER AWADHESH KUMAR**, M-1191149(CV)  
Mob: 09793107779  
E-mail: awadhesh3651@gmail.com

### ELECTRICAL ENGG. DIVISION

- 12 **ER SHIVA SHANKAR SHARMA**, F-0134151(EL)  
MOB:9891417935  
Email: shivakumud@yahoo.co.in

- 13 **ER AJIT KUMAR ASTHANA**, F-108616-9 (EL)  
Mob: 9453004687  
Email: ajit.asthana@yahoo.co.in

### ELECTRONICS & TELECOM ENGG. DIVISION

- 14 **ER JATA SHANKAR MISHRA**, M-121608-7(ET)  
Mob: 9450928600, 9532354310  
E-mail: js\_mishra65@yahoo.co.in

- 15 **ER NIRENDRA KUMAR NISHAD**, F-123592-5 (ET)  
Mob:09452101029  
E-mail: nkn1958@rediffmail.com

### ENVIRONMENTAL ENGG. DIVISION

- 16 **ER V K KATHURIA**, F-017341-6 (EN)  
Mob: 7607370647  
Email:vinodkathuria@gmail.com

### MECHANICAL ENGG. DIVISION

- 17 **ER KRISHNA BEHARI**, F-116491-7 (MC)  
Mob: 9359100713; 7895084449  
Email: kbagarwalbly@gmail.com

- 18 **PROF (DR) RAGHUVIR KUMAR**, F-122548-7 (MC)  
Email: directorgeneral.bncet46@gmail.com  
Mob: 9839376496

- 19 **ER MUKESH KUMAR SINGH**, M-152281-1 (MC)  
Mob: 9721454999  
Email: mukesh.reduction@gmail.com

### METALLURGICAL AND MATERIAL ENGG. DIVISION

- 20 **DR KMALESH KUMAR SINGH**, M-137968-7 (MM)  
Mob: 9956949289  
Email: kkbhu@yahoo.com

### PRODUCTION ENGG. DIVISION

- 21 **DR AVANISH KUMAR DUBEY**, F-122988-1 (PR)  
MoB:9336556602  
E-mail : avanish@mnnit.ac.in

### TEXTILE ENGG. DIVISION

- 22 **ER NAVEEN CHANDRA MITTAL**, F-0154993(TX)  
Mob.: 9415020798  
Email:ncmgeneralinsurance@gmail.com

### COUNCIL MEMBER

- 23 **ER. V. B. SINGH**, F-015220-6 (CV)  
Mob : 8004288301  
E-mail : vbsingh51@gmail.com
- 24 **ER R R TANWAR**, F-0155620(EL)  
Mob: 09810458747  
E-mail: ratantanwar72@yahoo.co.in
- 25 **ER KISHORE KUMAR MEHROTRA**, F-0149167(MM)  
Mob.: 9868112514, PH: 0120-4215156  
E-mail: kishorekmehrotra@gmail.com

**CHAIRMAN OF LOCAL CENTRES**

**26 DR. GYAN PRAKASH GOYAL, FIE**

ALIGARH LOCAL CENTRE

Mob: 09411489452

E-mail: gyanprakashgoyal@gmail.com

**27 PROF.(DR.) RAJENDRA KUMAR NAGARIYA,**

F-112087-1

ALLAHABAD LOCAL CENTRE

Mb: 9415968118, 8738960966

E-mail:rkn@mnnit.ac.in

**28 ER. UMESH CHANDRA MISHRA, FIE-123156-8 (CV)**

ANPARA LOCAL CENTRE

Mob: 09415900109

Email: mishraji.umesh@gmail.com

**29 ER. JAI PAL SINGH, FIE- 017942-2 (CV)**

GHAZIABAD LOCAL CENTRE

Mob.: 9958700887

E-mail : jaipalsingh14@yahoo.in

**30 PROF. J. RAM KUMAR, F-120137-5 (MC)**

KANPUR LOCAL CENTRE

Mob.: 09451220918

Email: jrkumar@iitk.ac.in

**31 PROF. SIDDH NATH UPADHYAY, F-110236-9 (CH)**

VARANASI LOCAL CENTRE

MOB: 09415372465

E-mail: upadhyaysnche@itbhu.ac.in

**32 ER. S. C. MEHRA, F-006005-0 (EN)**

BAREILLY LOCAL CENTRE

Mob: 9412290125

Email: sumehra99@gmail.com

**33 DR. B.D.K. PATRO, F-1213381 (C P)**

AGRA LOCAL CENTRE

Mob : 09412911464

Email: bdkpatro@rediffmail.com

**34 ER. RAJNEESH KUMAR, F-117679-6 (MC)**

MEERUT LOCAL CENTRE

Mob.: 09412201692

Email: rajneesh.dnp@gmail.com

**35 ER MIRZA WASEEM BEG, F-0180064 (CH)**

GORAKHPUR LOCAL CENTRE

Mob: 8057845738

E-mail:begmw123@gmail.com

*Season's Greetings & Best Wishes for the New year*  
**2019**

**33<sup>RD</sup> INDIAN ENGINEERING CONGRESS &  
99<sup>TH</sup> ALL INDIA AGM HELD**

33rd Indian Engineering Congress on the theme 'Integration of Technologies: Emerging Engineering Paradigm' was organized by The Institution of Engineers (India) held on 21<sup>st</sup> Dec to 23<sup>rd</sup> Dec. 2018 and hosted by Udaipur Local Centre. 99th AGM of the Institution was held on 23rd December 2018, in which Mr T. M. Gunaraja took over as President of IEI for this session. Congratulation to the new President.

**EDITORIAL BOARD**

**Chairman :**

**Er. Rajesh Kumar Trivedi, FIE**

(M) 9415900252

Email:rajeshtrivedi4@gmail.com

**Hony. Secretary:**

**Er. Prabhat Kiran Chaurasia**

Mob: 09451244670; 09454042724

Email:prabhatkiranachaurasia@gmail.com

**Editor:**

**Er. R.K. Pandey, MIE**

(M) 9415584568

Email:aark.pandey@gmail.com

**To,**

If undelivered please return to:

The Institution of Engineers (India)

U.P. State Centre, Engineers Bhawan

River Bank Colony, Lucknow-226018