



# The Institution of Engineers (India)

## U.P. State Centre

IEI NEWS

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

● e-mail: upsc@ieiindia.org

● website : www.ieiup.org.in

● Phone : 0522-2625322

Vol. XXV

ISSUE: 10

October, 2016

### FROM CHAIRMAN'S DESK



Dear Engineer Brothers

We celebrated the Engineers Day during the previous month and are now ready to celebrate Navratris followed by Dussehara and Deepawali, two great festivals of India, falling in the same month of October. I on behalf of the UP State

Centre and myself convey best wishes on the coming festivals.

In the past, during 'World Water Day' celebrations, many times it was repeated by many Speakers that water might be the reason for the third World War. In the present scenario, threatening on water blockade of Brahmaputra and Sindhu rivers to or from our neighbours, as well as Kaveri water dispute in India itself, between the two states must have been noticed by us. It is an emergency sign that we should start thinking about Water and Energy conservations more seriously. The awareness programmes must be carried out at regular intervals with increased frequency. Through this magazine, I request you to come forward with your plans in this direction so that Seminars, Symposium, Workshops and Technical Lecture Meetings may be organised at our State and Local Centres.

The election for State Executive Committee is already in process. I request Members to take part in the election by casting their votes.

(A.K. Gupta) FIE

### Member in News

Er. Arvind Kumar Gupta, Chairman, IEI, UP State Centre, Lucknow has been appointed as Member, U.P. Public Service Commission, Allahabad by the Hon'ble Governor of Uttar Pradesh. IEI, UP State Centre Congratulate him for the honour and wishes him all the best.

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

|            |                         |
|------------|-------------------------|
| 03.10.2016 | World Habitat Day       |
| 14.10.2016 | World Standard Day      |
| 10.12.2016 | Annual General Meeting  |
| 14.12.2016 | Energy Conservation Day |

### 'अभियन्ता दिवस समारोह' आयोजित

लखनऊ, 15 सितम्बर 2016। आज दि इन्स्टीट्यूशन ऑफ इंजीनियर्स, यू.पी. स्टेट सेंटर के प्रेक्षाग्रह में 'अभियन्ता दिवस समारोह' का आयोजन किया गया। इस अवसर पर समारोह के मुख्य अतिथि प्रो. (डा.) एम.जेड. खान कुलपति, हरकोर्ट बटलर तकनीकी विश्वविद्यालय, कानपुर ने देश के महानतम अभियन्ता भारत रत्न सर मोक्षगुंडम विश्वेश्वरैया को श्रद्धाञ्जलि अर्पित करते हुए "Skill Development for Young Engineers to Reform the Core Sector: Vision 2025" विषयक गोष्ठी में कहा कि अभियन्ता का कार्य वस्तुतः विज्ञान और समाज के बीच मुख्य कड़ी के रूप में अवस्थित है। इस अवसर पर उन्होंने पूर्व राष्ट्रपति डा. ए.पी.जे. अब्दुल कलाम की उक्ति 'केवल अभियन्ता नहीं बल्कि हम सभी का विकसित राष्ट्र में रहने का लक्ष्य है' को उद्धृत करते हुए कहा कि हम सभी को अपना ज्ञान, समाज एवं मानवता की भलाई हेतु अभियन्ता के वास्तविक रूप में लगाना होगा।



इस अवसर पर मुख्य वक्ता श्री जयन्त कृष्णा, अधिशासी निदेशक एवं मुख्य कार्यकारी अधिकारी, राष्ट्रीय कौशल विकास निगम, नई दिल्ली ने अपने विचार व्यक्त करते हुए कहा कि उत्तर प्रदेश भारत की सबसे ज्यादा आबादी वाला प्रदेश है। इस प्रकार उत्तर प्रदेश अपने युवाओं को गुणवत्ता परक व्यवसायिक प्रशिक्षण देकर प्रदेश एवं देश को विकास में गति प्रदान करते हुए सामाजिक विषमता को भी दूर करने में महत्वपूर्ण योगदान कर सकता है।

उन्होंने यह भी बताया कि भारत में सूचना तकनीकी क्षेत्र में अभियन्ताओं की प्रचुर उपलब्धता के कारण इस क्षेत्र से प्राप्त कुल राजस्व 1500 करोड़ अमेरिकी डालर के लगभग है जिसमें से पूरे उद्योग का दो तिहाई लगभग 1000 करोड़ की प्राप्ति निर्यात के क्षेत्र से है। भारत के सकल घरेलू उत्पाद में सूचना एवं संचार तकनीकी क्षेत्र का योगदान सम्प्रति 9.5 प्रतिशत है। यदि विश्व स्तर पर देखा जाय तो इस क्षेत्र में 'आउट सोर्सिंग' के माध्यम से 55 प्रतिशत भारतीयों का योगदान है।

श्री कृष्णा ने अपने उदबोधन में सावधान भी किया कि उपभोक्ता की जागरूकता एवं वैश्विक स्तर पर प्रतिस्पर्धा के दृष्टिगत विकास के मुख्य क्षेत्रों में कुशल इंजीनियर एवं दक्ष तकनीकी कारीगरों के अभाव से देश को सामाजिक एवं आर्थिक कीमत चुकानी पड़ सकती है। प्राथमिकताओं के सही क्रम में सम्बन्धित दृष्टिकोण का अभाव वांछित विकास की गति में बाधक तो होगा ही साथ ही बेरोजगारी की समस्या भी बढ़ेगी।

कार्यक्रम का शुभारम्भ मुख्य अतिथि एवं मंचासीन अतिथियों द्वारा दीप प्रज्वलन से होने के पश्चात् उत्तर प्रदेश स्टेट सेंटर के अध्यक्ष श्री अरविंद कुमार गुप्ता ने सदस्यों एवं अतिथियों का स्वागत करते हुए कहा कि सर विश्वेश्वरैया एक युग दृष्टा अभियन्ता थे जिन्हें देश के सर्वोच्च नागरिक सम्मान भारत रत्न से वर्ष 1955 में नवाजा गया। सम्पूर्ण अभियन्ता समुदाय देश की प्रगति में उनके कार्यों से प्रेरणा लेने एवं महान आत्मा को श्रद्धाञ्जलि अर्पित करने हेतु उनके जन्म दिवस को अभियन्ता दिवस के रूप में मनाता आ रहा है। उन्होंने 'दि

Cond. page 2 colmn 1

Cond. page 1 colmn 2

इन्स्टीट्यूशन आफ इन्जीनियर्स (इण्डिया) के वर्ष 1920 में गठन की पृष्ठभूमि एवं उसे वर्ष 1935 में किंग जार्ज पंचम द्वारा 'रायल चार्टर' प्रदान किये जाने से अवगत कराया। संस्थान वर्ष 1928 से किसी कारणवश



अभियांत्रिकी की औपचारिक शिक्षा नहीं प्राप्त कर सके छात्रों हेतु ए.एम.आई. ई. की परीक्षा आयोजित करती है जो कि किसी विश्वविद्यालय की तकनीकी स्नातक उपाधि के समतुल्य है। उन्होंने यह भी कहा कि आज अभियन्ताओं को जो स्थान समाज में प्राप्त होना चाहिए वह नहीं मिल रहा है जिसके लिए हम सभी को अपने-अपने कार्य क्षेत्रों में लगातार प्रयत्नशील रहना चाहिए। इस अवसर पर दि इन्स्टीट्यूशन आफ इन्जीनियर्स, उत्तर प्रदेश स्टेट सेन्टर के पूर्व अध्यक्ष श्री वी. बी. सिंह ने भारत रत्न श्री मोक्षगुंडम विश्वेश्वरैया को श्रद्धांजलि अर्पित करते हुए तथा उनके अभियान्त्रिकीय एवं प्रशासकीय विशिष्ट योग्यताओं का उल्लेख करते हुए उनके संक्षिप्त एवं प्रभावी जीवन परिचय से उपस्थित अभियन्ता समुदाय एवं अतिथियों को अवगत कराया और कहा कि सर विश्वेश्वरैया अपने लिए नहीं बल्कि पूरे राष्ट्र के लिए जिए और सच्चे कर्मयोगी थे। उनका जीवन एवं कार्यशैली सभी के लिए विशेषतः अभियन्ताओं के लिए आदर्श, प्रेरणादायक एवं अनुकरणीय है। दि इन्स्टीट्यूशन ऑफ इंजीनियर्स (इण्डिया), उत्तर प्रदेश स्टेट सेन्टर के मानद सचिव श्री प्रवीण मल्होत्रा के धन्यवाद ज्ञापन के साथ सभा सम्पन्न हुई।

## Bio-Data of the Candidates for Election to the Council Seat & for the UP State Centre Committee from different Divisions

### COUNCIL

#### Amar Pratap Singh

Graduated from IIT Roorkee in 1982, post graduated in 1984 from IIT BHU and served as faculty in Punjab Engineering College for short period then served Hindusthan Development Corporation, Kolkata and CIMMCO-Steel foundry Gwalior. Did courses in Personnel Management & Industrial Relations and Marketing Management from Indian Institute of Management Kolkata. Joined Bank as specialist officer for technical appraisal and economic feasibility of industrial projects for financing. Concurrently associated with academic/ educational institutions- author of various books in technical and general area. Taking examinations, setting papers and is visiting faculty of University of Bombay.

#### Devendra Singh Chaudhary

Civil Engineering graduate 1969, retired Chief Engineer from U.P. Govt House and Urban Planning Development Department, U.P. Development Authority services. Started carrier in Municipal Corporation in 1969. Executed first world bank financed housing infrastructure and Urban development project of U.P. , many projects right from land acquisition, project formation/DPR implementation, execution housing and commercial project, Life Member Indian Council of Arbitration. Life Member Indian Road Congress, Worked Housing Specialist in JNNURM Scheme GOI, Consultant UNITECH LTD High Tech Township U.P. Govt, Consultant Civil Engineering Project, Beautification around World Heritage monuments & Existing city, landscaping, horticulture lighting creates water body, green belt plantation.

#### R.R. Tanwar

Passed AMIE in 1982 in one attempt, MBA (System & Operation). Executive Committee Member of GLC from 1998-2000, Hony. Joint Secretary 2002-04 and Hony. Secretary from 2006-08, Chairman and Council member from 2010-12, presently member UPSCC. Appointed by IEI-HQ as expert member to the committee for selection of Young Engineer Award for the year 2011 & 2012. Presently working as CEO & MD of NGR Rising Energy. I had worked in Multi disciplinary field viz. Hydro power projects and other infrastructure projects in CW&PC/CEA/NHPC/NIDC. Before joining THDC, I was Chief Engineer(Electrical) in DRDO Project at Itarasi(M.P) & Ichapur(WB), CEDT project & Lokatak HE project (Imphal).

#### Jagdish Mohan

B.E., M.E. (Hons.) from IIT Roorkee, DIM (IGNOU), FIWRS, FIV, FICA, MIGS, MISET, MIPA. formerly Chief Engineer. (level-1) UP Irrigation dept., Director, UPWALMI, Consultant NABARD, Faculty Civil Engg, presently visiting professor. Recipients National Award Innovation Design, CBI&P, Medals; published 80 research papers, Visited USA, South Korea, Spain. Past Chairman, UPSC, Council member, organized many seminars, international conferences, 18<sup>th</sup> Indian Engg. Congress IEI. Chairman IWRS Lucknow Centre. Felicitated -Life time contribution to Civil Engg. Profession, 2000, IWRS, Commendable services in the water resources management, 2002, Leading Engineers of the World 2013, nominated International Biographic Centre, Cambridge, U.K., Bharat Jyoti Award, India International Friendship Society, 2013,

#### V.B. Singh

BE from Roorkee University (1973), LLB, PGD in Public Administration (LU), Served UP Power Corporation up to Chief Engineer level, served IEI UPSC as Chairman (2012-14), Hony. Secretary (1996-2000), Member-Senate, Roorkee University, Member UP Board of Technical Education, Finance & Building Committee, BSI of Paleo Sciences, National Committee of IWRS, Institution of Valuers, Organised International Conference on Energy Management, National Convention of Mechanical Engineers & many more. Editor-Abhiyanta Bandhu-2015 (IEI) H/Q Publication, Renovated Auditorium & Committee Room of UPSC including Air Conditioning, Conferred with Abhiyanta Ratna award by Rajya Viduyt Parishad Abhiyanta Sangh.

#### Ved Prakash Bansal

BE (CIVIL), IITR, Management in Business Finance from IIF, New Delhi, Joined PWD and retired as Chief Engineer, Designed and built roads, bridges, ROB, Multipurpose hall, swimming pool, OHT etc. Senator of IITR, Served as Gen Secretary & Vice President of RU Alumni Association, Currently Chairman of the Ghaziabad Local Centre, IEI and Coucil Member, IEI, Kolkata. Member of ILCE and Indian Concrete Institute.

### CHEMICAL ENGG. DIVISION (CH)

#### Dinesh Kumar Srivastava

Obtained B.Tech & M.Tech degrees from HBTI, Management from IMT and Certification in CFD from Ansys Germany. Have over 33 years rich industrial experience with various companies like Synthetics & Chemicals, Grasim Industries, Indian Rayon, Vikram Cement, GHCLM Bhushan Steels etc. at Sr. Positions. Have Rich experience in areas like Design, Engineering, R&D, Technical Services, Process Engineering, Projects etc. Published & presented papers at various prestigious forums in India & Abroad including Anys Conference, USA. System Society of India. Were Secretary of IICHe in Gujara & presently Jt. Secretary of Lucknow Centre. Cultural activities Singing, Anchoring is hobbies & participated in IEI's Cultural events.

#### Hari Mohan Kansal

B.Sc. and B.Tech. (chemical) from HBTI, MBA, PGDM (Mumbai). He is much awarded Chemical Engineer and Polymers/Packaging innovations and curriculum development with IITs. Head of Corporate Learning Programme of IPI and regularly creates awareness for the betterment for environmental friendly innovations, has contributed towards the sustainable growth of polymers/chemicals by conducting hundreds of Seminars /Workshops /Editorials. He is visiting faculty /examiner/advisor at IITs, HBTI, IIP, leading universities for three decades.

#### Sanjeev Kumar Gupta

Have more than 24 years of teaching/research/industrial experience. Presently Head, Chemical Engineering Department, HBTI Kanpur. Done M.E. and Ph. D. from Roorkee, Winner of Gold medal and Khosla award (Silver Medal). Guided/Guiding more than Twenty M. Techs' and Two Ph.Ds'. Published/presented more than 40 papers in International and National Journals/ Conferences. Fellow and chartered engineer of Institution of Engineers (India) and Member of various associations i.e. IICHe, ISTE, OTAI, Indian Membrane Society (IMS), System Society of India (SSI). Chairman of

IICHe Kanpur Regional Centre and was Executive Member in IE(I), Lucknow State Centre representing Chemical Engg. Division.

#### ELECTRICAL ENGG. DIVISION (EL)

##### Alok Kumar Gupta

FIE (India), MBA (UEG, USA) Topper Board of Technical Education, Delhi. In 1973 joined U-PVC Extrusion Plants. Passed Section A & B Exam, Chief Engineer-Birla's Woollen-Carpet Plant. Preferred carrier in Manufacturing instead of UPSC's Combined Engineering Services (1978 batch CPWD). Business since 1984 machinery manufacture – Hydrogen Gas-Generation, Pollution control, Vanaspati oil & Chemical plants CT/PT-Instrument Transformers. Setup an Engineering college and a modern Senior Secondary School at Ghaziabad. Member Ghaziabad LCC 2012-16. Member UPSC 2014-16. Believe in accepting challenges & solving problems logically. Wish to enhance Engineer's participation in Activities and Transparency in Institution's working.

##### Rama Kant Pandey

BE (Electrical) from Roorkee University in 1973, joined UPSEB in the same year. Served in all fields of Electricity such as Hydro, Thermal Plant Construction and Generation, Transmission, Distribution, Microwave in various capacities from Assistant Engineer to Superintending Engineer and then worked in Management and Administrative fields as Joint Secretary, Chief Vigilance Officer and Additional Secretary in the chief Engineer scale. Activated Varanasi Local centre and finally established the office in BHU premises. From 1990 to 2000, served the VLC as Joint Honorary Secretary and Honorary Secretary. Involved in organizing All India Seminars and at present serving the State centre as Convener, U.P.State student's chapter & Editor of State Centre Magazine.

##### S. S. Sharma

Passed BE (Electrical ) in 1964 and did Specialist Course in Power Transmission from IIT Roorkee.

Fellow of, Institution of Engineer(India), Institution of Valuers, Delhi.Served as Asstt. Prof. in Electrical Engg in UP Agri. University Pantnagar in 1964-65. Joined UPSEB as AE in Sept. 65 & served Electricity Board for 33 yrs. Till retirement as Superintending Engineer in July '1998. Chairman IE(I) – Ghaziabad Local Center (GLC) & Council Member (E(I) for 2012-2014.Executive Committee Member IE(I) – GLC since 2010 till date.Convener BOS IE (I) – GLC for 3 terms for 2002-04, 2004-06 & 2006-08, Chairman Institution of Valuers Ghaziabad since 2010 till 2018 for 3 terms.

#### MECHANICAL ENGG. DIVISION (MC)

##### Madhu Chandra Jain

Graduate from University of Roorkee (presently IIT Roorkee), I joined the Irrigation Department UP. Promoted to the post of Executive Engineer, S.E., Chief Engineer. Served also as Engineer-in-Chief, UP Irrigation Deptt. (Mechanical). During the service, worked in Design, Maintenance and Construction of State Tubewells, Lift Canals etc. Keen interest in Management – joined several management training programs at IIM Lucknow and elsewhere too. Several broadcast from All India Lucknow, publications in reputed magazines like Illustrated Weekly of India, National Herald, SARITA, Mukta reflect the passion for literary field.

##### Prabhat Kiran Chaurasia

Did BE (Mech) 1969, ME (Production)1972 from MNNIT Allahabad, Joined ISRO for a year and later joined Irrigation department, Uttar Pradesh. He contributed in construction of Ramganga dam as AME in maintenance and operation of heavy earth moving machines, construction and operation of State tubewells, design, construction and maintenance of Lift Pump canals of UPID and retired as Executive Engineer after 35 years service in 2007. He has keen interest in management studies, did one month diploma from IIM, Lucknow and has attended many such courses at IMDUP and at various institutions. He has interest in social and literary fields.

##### Mr Pramod Kumar Gupta: F-110260-1

B.E.(Mech. Engg) from Madan Mohan Malviya Engg College, Gorakhpur, in the year 1971. I served UP Irrigation Deptt in different capacities for more than 34 years with a completely blot less career and retired as S.E. in march 2008. Consultant at NABARD Regional office at Lucknow and also at NABARD Head Office Mumbai. Have been associated with the Institution of Engineers UP State Center, Lucknow, for the last more than 15 years and have served as Convener BOS and also as Officer in charge Examination.

##### Shailendra Sinha

Professor & Head of Mechanical Engineering at Institute of Engineering & Technology (IET), Lucknow and Associate Dean T&P at Dr. APJAKTU, Uttar Pradesh (Formerly UPTU) Lucknow. B.Tech. in 1989 (KNIT Sultanpur) and M.E. in 1992 (Roorkee University) and Ph.D. in 2008 from IIT Kanpur. Served the industry (1993-1996) and then joined IET, Lucknow in 1996 as lecturer, Professor in 2012. Area of interest is Energy, Fuels, IC engines. He published many papers in the international and national journals &

conferences., worked at many administrative capacities at IET Lucknow, UP State Entrance Examination and committees of Govt. of UP.

#### COMPUTER ENGG. DIVISION (CP)

##### Apoorva Agha

ME, MBA, FIE, FIETE, SMCSI, MIMA. Working as Incharge Computer Centre, Allahabad High Court, managing techno-administrative works relating to computerization and video conferencing of High Court, Allahabad, Lucknow Bench and 75 Districts of UP. Member and Presenting Officer of several administrative Committees/Sub-Committees of the Court relating to works of Computer and other departments assigned from time to time. Actively organized/organizing numerous National Seminars, Conferences, Conventions, Workshops, Special Days, Presentations and other Programmes since last three decades as Hony. Secretary, Convener and the Chairman in different Institutions and the UP State Centre, Lucknow on state of the art technologies and topics.

##### Bharat Bhushan Agarwal

Born at Moradabad did B.Sc. (1999), MCSD (2002), B. Tech-2003 (Hons.), M.Tech-2009 (Hons.), Joined IFTM University Moradabad in 2003. Had Teaching Experience of Thirteen years. Has written several Books in Laxmi Publications at National and International Level. Has been Chosen as the Author of The month in 2007, 2009, 2010 and 2011. Member of Editorial Board, Review Board and Programme Committee in several International Journals. Chief Editor of two international Journals. Joint Secretary Rotary Club Moradabad Heritage (3100). Life Membership ISCA Chartered Engineer, Honoured by several societies. Member of observer and flying squad teams. Attended and conducted several seminars, Conference and workshops. Won several Awards. Paper setter and external examiner.

##### Manish Bhardwaj

B. TECH, M. TECH, Pursuing Ph.d (Uttar Pradesh Technical University).Work on one project for Grey/Black water recycling for home use, 2 Project Funding Approved under my guidance from SRM University, Chennai campus. I have coordinated a research group with 48 students which introduce new concept/solutions for real life problems and scientific problems. Research Area: Adhoc Network, Wireless Sensor Network, Software Engineering Professional Membership: AMIE, MIEEE, IAENG, MISTE, IACSIT, UACEE, CSTA. Editor of various journal publications, Lead Guest Editor in repudiated journal, Reviewer in springer journal (WINET) and four other journals, IPR Coordinator of SRM University.Gold medalist of University in M.Tech award received from Former Central Health Minister Gulam Nabi Azad,

#### CIVIL ENGG. DIVISION (CV)

##### Awadhesh Kumar

Master of Engineering (M.E.) in Computer Aided Civil Engineering from MNNIT Allahabad. Over 27 years experience in construction and maintenance of various types of Government Buildings and structures. Organized National Seminar as convener "Innovative Building Materials and Technology for Sustainable Constructions" (BMTSC 2015) at U.P. State Center Lucknow from 22<sup>nd</sup> to 23<sup>rd</sup> August 2015. Memberships of Indian Concrete Institute, Indian Road Congress and Fellow member of The Institution of Valuers (India). Executive committee member of Allahabad center of Indian Concrete Institute since 2011, Member of IEI U.P. State Centre Lucknow for the session 2014-2016. Currently is Honorary Secretary of The Institution of Engineers (India), Allahabad Local Centre - session 2015-17.

##### Masarrat Noor Khan

Working as Managing Director with U.P. State Bridge Corporation Ltd., Lucknow. Earlier worked as Chief Engineer, PWD Agra Zone, Chief Engineer, Western Zone, PWD, Meerut, Chief Engineer E/M, PWD and Chief Engineer, Building, UP PWD, Lucknow. I was Executive Member Engineering College Students' Association. Organized National Level Conference, & Convention at AMU under NIS Banner in which many top dignitaries of India participated. Was always assigned VVIP related works such as related to Hon'ble PM Visit, Hon'ble CM Visit. Also assigned the world famous YANI Programme at Yamuna river bed behind Taj Mahal in 1997 for which was appreciated by the Governor of U.P.

##### Ram Kumar Singh

Graduated in civil engineering from MIT, Manipal, in 1972 and served M.N. Dastur & Co. Consultants, Calcutta in 1972. Further served UP Jal Nigam for more than 4 years. Was awarded with UP govt. during 1977 Kumbh Mela works, remained with UP RNN Ltd. for 27 years and during 1990-1993 , I/C for International Centre for Genetic Engineering & Biotechnology – A UNIDO Project at Delhi (JNU Campus). Associated with Xebec Project Management Services Pvt. Ltd. Which did the PmC work of Express Tower during 2008-2010 at Marin Drive Mumbai, ARUN SOIL LAB. Lucknow. Now doing Valuation work as Govt. Approved Valuer as Panel Valuer of banks.

##### Ved Prakash Bansal

B.E. (Civil) from University of Roorkee, joined PWD and retired as Chief

Engineer, designed and built roads, Bridges, Buildings, Road Over Bridges, Multipurpose Hall, Swimming Pool, Over Head tanks etc. at PWD. Has been a Senator at University of Roorkee. Also been General Secretary & Vice President of Roorkee University Alumni Association. Completed Management in Business Finance from Indian Institute of Finance, New Delhi. Currently Chairman of the Ghaziabad Local Centre, IE(I) and Council Member, IE(I), Kolkata. Member of ILCE and Indian Concrete Institute.

**Y. P. Gupta**

Working as Technical Advisor, Cable Stayed Yamuna Bridge, COWIDIPL, Allahabad. Was Professor, Civil Engineering at MNNIT, Allahabad and Director at KEC Dwarahat Uttranchal for 5 years. Worked as Chief Executive CECON New Delhi and at IIT Roorkee. Visiting professor at Iraq and Ethiopia and as Research Associate at University of British Columbia, Vancouver, Canada. Obtained Ph.D from IIT Roorkee. Was Chairman and Honorary Secretary of Institution of Engineers Allahabad Centre and Indian Concrete Institute, Institution of Valuers etc. Given Life time Achievement award by Indian Concrete Institute; best paper Award by ICI and IEI. He has published three books on Concrete Technology and Good construction Practices and published 125 papers.

**AGRICULTURAL ENGG. DIVISION (AG)**

**Jaswant Singh**

B. Tech (Agri. Engg.), 1974; M. Tech. (Agri. Engg.), IIT Kharagpur 1976; Ph.D. (Agri. Engg), GBPUA&T Pantnagar; 1987; advanced training in USA (1986). Developed 10 processes & 20 equipment, & Ikshu Hub at IISR, 200 research papers, 22 bulletins & 06 books to his credit. President, Engineering Sciences Section of Indian Science Congress Association (2001); VP, ISAE, (2008-10), Technical Director (P&F Engg.), Assoc. Editor J of ISAE, Fellow, IE(I); Fellow ISAE; Chartered Engineer of IE(I); Fellow STAI; Member, IMC of IISR Lucknow (1996-99), CIAE Bhopal (1986-89), 2008-11) and CIPHET Ludhiana (2008-11), Developed state of art infrastructure at CPCRI (ICAR), Kasaragod (Derala), CIAE (ICAR), Bhopal (MP) and IISR (ICAR), Lucknow (UP) .

**SH Abbas**

B-Tech and ME in Agriculture Engineering from AAI (Allahabad University), and Ph. D. from MNNIT, Allahabad. He has 18 years experience in Administration and Research. Presently, he is working as the Nodal Officer (UP and UKT) in NTMIS-AICTE. He has published more than 20 research papers in National and International journals. He has also organized 3 National Workshops, published four Books and a number of articles in News Papers. He has received 8 awards at National and International levels for works assigned to him. He has also edited 6 Workshop Proceedings and Reports at the National level.

**ELECTRONIC & TELECOMMUNICATION ENGG. DIVISION (ET)**

**J S Mishra**

MIE joined UP State Electricity Board in 1989, serving UPRVUNL & UP Power Corporation Ltd. Presently Executive Engineer in Electricity Secondary Works Division of Lucknow Zone, Lucknow. Associated with the IEI as Executive Committee Member of Anpara Local Centre (from 2001 to 2009) as well as of U.P. State Centre, Lucknow for (2006-2008, 2010 to 2016) & Honorary Secretary of Anpara Local Centre as well as UP State Centre, Lucknow. Also on the panel of referees for AMIE Examinations in ET Division of IEI. Examiner of UP Board of Technical Education, Lucknow of IERT, Allahabad. Associated with U.P. rajya Vidyut Parishad Abhiyanta Sangh and presently is Assistant Secretary MVVNL Lucknow.

**Khalil Ahmad Khan**

Has an excellent educational background and meritorious academic record including recipient of several scholarships and awards, is an Electronics & Communication Engineer with PhD from University of Roorkee, M. Tech in Instrumentation and Control Engineering, and B.Tech in Electrical

Engineering from Aligarh Muslim University (AMU). Served AMU for more than 38 years as faculty of Electronics Engineering including international assignments for 6 years. Research in Physical Realization of Lumped Networks & Dynamical Systems, Electronic Circuits & System Design. Guided several students for their PhD and M. Tech theses. Published 25 research articles in referred journals and conference proceedings. Served as Chairman, Institution of Engineers, India (Aligarh Local Centre) -2011-2013.

**Mr N K Nishad**

Manager in Hindustan Aeronautics Limited, Korwa, Amethi (E T Engg). Degree course AMIE & M. TECH (E T Engg) from KNIT Sultanpur. Planning & manufacturing parts of Jaguar & MIG aircraft's worked on Gyro/Accelerometer in coordination of DRDO of the missile project. Deputed for training to M/s SAGEM, France trained on Accelerometer, manufacturing & quality control techniques. Project guide to AMIE students for ET Division. Cost free classes to AMIE & economically poor Engineering students and students from villages helping in there examinations and project related problems. SCC Member; U.P. State Committee (E.T. Division) for year 2014-16.

**Vivek Jaiswal**

Graduate Engineer along with First Class Post Graduate qualifications in the field of Business Administration and Computer Applications. Fellow Member of Institution of Valuers and Vice President of Allahabad Branch. Vivid experience with reputed MNCs in the field of Technology, Marketing, Academia etc. at senior positions across the country. Since last ten years, he is offering his expertise as an entrepreneur in the field of e-Tazation Valuation and alternative source of energy for the betterment of society and motherland.

**ENVIRONMENTAL ENGG. DIVISION (EN)**

**Anup Chandra Misra**

Graduation in Civil Engg. From MANIT, Bhopal, Post Graduation in Public Health Engg. From AIHH & PH, Calcutta and Post Graduate Diploma in sanitary Engg from UNICEF-IHE, Delft, the Netherlands. Retired as S.E., UP Jal Nigam , Short-term assignment with UNICEF, Lucknow as Consultant. After retirement, delivered various lectures during Seminars and trainings organized by different departments and educational Institutions. Worked for Low Cost Sanitation and Water Supply.

**Paritosh Srivastava**

M.Tech and Ph.D from IIT-Dhanbad and NIT- Allahabad respectively in the fields of Environmental and Water resource Engineering , online Certification in Comprehensive Disaster Risk Management Framework" From National Institute of Disaster Management (NIDM), New Delhi in collaboration with the World Bank. Worked in industry as an Engineer in India Glycols Limited (IGL) for about 1.5 years. Academician and consultant in Environmental Engineering, working as Executive member UP State Centre Institution of Engineers Lucknow. During his two years of tenure, he organized various seminars and conferences (BMTSC-2015/WED2015/WED2016 etc). Authored number of research papers in peer reviewed international Journals. Worked as a reviewer in international journal (Cogent Engineering – Taylor and Francis)

**Rajendra Kumar**

B.E.(Civil) degrees from Motilal Nehru Regional Engineering College, Allahabad presently known as MNNIT, Allahabad in 1977. Joined U.P. Jal Nigma at Bijnor as Assistant Engineer in the year 1977 and elevated upto the post of Chief Engineer. Worked as Managing Director, U.P. Jal Nigam, Lucknow. And on several prestigious projects like, Agra Water Supply Gangajal project, Lucknow Water Supply project under JNNURM, 3<sup>rd</sup> Water Works, Lucknow and various other Water Supply and Sewerage projects. Life member and fellow of Indian Water Works Association. Since long, also associated with the institution of Engineer India, Lucknow Centre.

**EDITORIAL BOARD**

**Chairman :**

**Er. A.K. Gupta, FIE**  
Ph.: (M) 9450932400

**Hony. Secretary :**

**Er. Praveen Malhotra, FIE**  
(M): 09335816946

**Editor :**

**Er. R.K. Pandey, MIE**  
(M) : 9415584568

**To**

If undelivered please return to:  
The Institution of Engineers (India)  
U.P. State Centre, Engineers Bhawan  
River Bank Colony, Lucknow-226018