



# IEI jammu news

The Institution of Engineers (India), Jammu Local Centre

An ISO 9001:2008  
Certified Organisation

"98 Years of Relentless Journey Towards Engineering Advancement for Nation-building"

Volume 15

Number 2

December, 2017

## From Chairman's Desk



Dear Fellow Engineers,

I took over the charge of Chairman of the Institution of Engineers (India), Jammu Local Centre on 31<sup>st</sup> October, 2017 along with the new Committee Members.

While I acknowledge and place on record the hard work put in by the previous Committees and the Member engineers in their individual capacities which has resulted into coming into being of this marvellous complex of Jammu Local Centre which is one of the best Centre buildings of IEI in the Country. But I feel that still lot of work needs to be done for further upgradation and taking care of this infrastructure already created.

Hence, it would be my earnest endeavor along with the new Committee to put in our best efforts in our tenure to:

1. Accelerate the membership drive.
2. Generate funds for improvement of our Centre's building.
3. To encourage the local industries, academia and other stakeholders to sponsor & participate in the activities of Jammu Centre.
4. Improve ambience of our Centre's building through proper maintenance.
5. Make efforts to improve the working conditions of the engineering fraternity.

Lastly, I wish all the corporate members, colleague engineers and their families a very Happy and Prosperous New Year 2018 and extend my best wishes for the forthcoming Republic Day on 26<sup>th</sup> January, 2018.

Hoping for a positive and encouraging response from all the engineers for the betterment of Jammu Local Centre.

With Warm & Cordial Regards,

**Er. Ravi Kumar Chanyal, FIE  
Chairman**

## 50<sup>th</sup> Engineers' Day Celebrated



1. Chief Guest & Guest of Honour while garlanding the bust of Sir M. Visvesvaraya on 50<sup>th</sup> Engineers' Day along with Er. Ajay Gupta, FIE; Chairman, IEI Jammu Local Centre.
2. A view of audience during 50<sup>th</sup> Engineers' Day celebrations.
3. Chief Guest & Guest of Honour while releasing the annual issue of Quarterly News Letter of Jammu Centre along with Members of the Editorial Board.
4. Er. Supinder Jeet Singh, AMIE, delivering the Tribute Lecture.
5. Felicitations to the Awardees.

The 50<sup>th</sup> Engineers' day was celebrated by The Institution of Engineers (India), Jammu Local Centre at its Institutional Complex, Channi Himmat, Jammu which was attended by a large number of engineers from various departments and organizations. This day is celebrated all over the country to commemorate the birth anniversary of the greatest engineer Bharat Ratna Sir M. Visvesvaraya.

On this occasion **Dr. Nirmal Kumar Singh**, Hon'ble Deputy Chief Minister, Minister for Power Development, and Housing & Urban Development, J&K Government, was the *Chief Guest* & **Sh. Sunil Kumar Sharma**, Hon'ble Minister of State, PWD (R&B) and Revenue, J&K Government, was *Guest of Honour*.

At the outset, Er. Ajay Gupta, FIE, Chairman of the Centre presented the *Welcome Address*. Er. Supinder Jeet Singh, AMIE paid rich tributes to Sir M. Visvesvaraya highlighting his sterling qualities like austerity, integrity, competence and discipline.

Further, on this occasion Er. D. S. Pawar, FIE was honoured by the Chief Guest with **IEI Award** for his outstanding services rendered to the engineering profession and to the Institution of Engineers (India). He was presented with a *Gold Medallion* as a mark of respect.

Chief Guests also presented **R. L. Sharma Memorial Gold Medal** to Er. Supinder Jeet Singh, AMIE for presenting the Best Technical Paper during the year 2016 – 2017 and **Rudra Bhagwati Silver Medal** to Er. Vijay Kumar Sharma, MIE for presenting 2<sup>nd</sup> best technical paper during the year 2016 – 2017. Dr. Audil Mir, CEO M/S United Jehlum Road & Roof Builders and Er. G. B. Singh representing Kissan Institute of Technology were also honoured by the Chief Guest and the Guest of Honour with mementos for being 1<sup>st</sup> and 2<sup>nd</sup> *Institutional Members (IM)* from J&K State. Er. Joy Ganjoo was honoured by the Chief Guest and Guest of Honour for getting enrolled as the 1<sup>st</sup> *Associate Member Technologist (AMTIE)* from J&K State.

*Contd. on Page ...6*

## 50<sup>TH</sup> Annual General Meeting of IEI held



50<sup>th</sup> Annual General Meeting of The Institution of Engineers (India), Jammu Local Centre was held at Institutional Complex, Sector – 3, Channi Himmat, Jammu on 31<sup>st</sup> October, 2017. It was presided over by Er. Ajay Gupta, FIE; Chairman of Jammu Local Centre. A large number of corporate members from all disciplines of Engineering attended the AGM.

Er. B. L. Rawal, Honorary Secretary, while welcoming the members, presented the Annual Report for the year 2016–2017 and highlighted the activities of the Centre.

Results of elections to the Committee of Jammu Local Centre for the Sessions 2017-2018 and 2018–2019 were announced by Er. Devinder Singh Pawar, FIE; Convener, Board of Scrutineers. The Committee for the sessions 2017–2019 comprises of Er. Ravi Chanyal, FIE, Chairman; Er. Vijay Kumar

Sharma, MIE, Honorary Secretary; Er. Ajay Gupta, FIE, (Immediate Past Chairman), Er. B. L. Rawal, MIE (Immediate Past Honorary Secretary); Er. Mohinder Singh, MIE; Er. Vijay Kumar Arora, MIE; Er. Braj Bhushan Sharma, FIE; Er. Nitu Choudhary, AMIE; Er. Pooja Wazir, AMIE; Er. Kuldip Kumar Badyal, MIE; Er. C Paul Sharma, MIE; Er. Kuldip Raj Suri, FIE; Er. Supinder Jeet Singh, AMIE; Er. Sachin Tickoo, AMIE; Mr. Sanjay Khar, FIE & Er. J. S. Kapoor, MIE. Whereas members for all the branches except Civil Engineering Branch were elected unopposed, there was healthy competition among the members of Civil Engineering Branch.

In the end, new Committee for the sessions 2017–2019 was installed and Er. Ravi Kumar Chanyal, FIE and Er. Vijay Kumar Sharma, MIE took over as the new Chairman and new Honorary Secretary respectively.

Er. B. L. Rawal, MIE, Honorary Secretary of the centre conducted the proceedings and delivered the vote of thanks.

## RELEASE OF BOOK ON DISASTER MANAGEMENT OF ELECTRICAL INSTALLATIONS AT IEI, JAMMU

The Institution of Engineers (India), Jammu Local Centre organized a programme on 30<sup>th</sup> October, 2017 at The IEI Complex, to release the book titled “**Disaster Management of Electrical Installations**” authored by Er. K. R. Suri, FIE

Retd. General Manager, Power Grid Corporation India and Consultant to Sterlite Power, New Delhi and Co-Author by Dr. Sanjeev Anand, HOD Energy Management, Shri Mata Vaishno Devi University, Katra.

**Sh. Kavinder Gupta, Hon'ble Speaker, J&K Assembly, graced the occasion as Chief Guest. Sh. Vikram Randhawa, MLC, Jammu & Sh. Sudhir Singh Dogra, IGP Retd. were the Guests of Honour. Er. Ajay Gupta, FIE; Chairman of the Centre presided over the function.**

The book pertains to studies on disasters taking place due to electrical installation and how to mitigate them with safety, security, reliability & confidence in minimum time for benefit of the society. The book as stated by the authors is first of its kind in the country and probably in the world.

The Dignitaries present expressed their concerns on the issues related to electrical installation and threats being faced by the masses due to these issues. They praised the authors for coming up with a book which will prove beneficial for the professional & students in particular and common masses in general.

Er. B. L. Rawal, MIE Honorary Secretary conducted the proceedings and presented vote of thanks to the august gathering.



Er. K.R. Suri, FIE Dr. Sanjeev Anand

## ENGINEERS' XI won 1st CCDU T-20 Invitational Cricket Tournament

Communication and Capacity Development Unit (CCDU), a part of Water and Sanitation Support Organisation (WSSO) under National Rural Drinking Water Programme (NRDWP) of GOI, the support software of Public Health Engineering (PHE) department in its effort to create awareness among the masses organized 1<sup>st</sup> CCDU T-20 Invitational Cricket Tournament with the theme “जल ही जीवन है”, involving four prominent departments/organizations of the State as a goodwill gesture which are directly connected with masses. Four teams viz. Media, Engineers XI, IGP XI and Divisional Commissioner XI participated in the tournament played w.e.f. 22<sup>nd</sup> to 29<sup>th</sup> November 2017 at Jammu University Ground.



The final match was played between the ENGINEERS' XI and IGP XI. The ENGINEERS' XI won the trophy and proved that Engineers who are the builders of the Nation, also have hidden talent in other fields. The tournament was kick started by Hon'ble Minister for PHE/I&FC Sh. Sham Lal Chaudhary in presence of Hon'ble Minister of State for PHE/I&FC, Syed Farooq Ahmad Andrabi and Sh. M. Raju, IAS Secretary to Govt. Department of PHE, I&FC. On the occasion Chief Engineer PHE Deptt. Jammu Er. A. K. Gandotra and Executive Director CCDU Er. K. K. Magotra besides staff of PHE & I&FC Deptt., other Departments and a large number of sports lovers were present.

## The Institution of Engineers (India) celebrates World Habitat Day- 2017

The World Habitat Day 2017 was celebrated by Institution of Engineers (India), Jammu Local Centre on 2<sup>nd</sup> October, 2017. On this occasion a seminar on the Theme Topic – “Housing Policies: Affordable Homes” was organised in which engineers and other dignitaries from different departments and organizations participated.

On this occasion, Dr. Manmohan Singh, Managing Director, J&K Housing Board was the Chief Guest. Er. Ajay Gupta, FIE; Chairman Jammu Local Centre presided over the function.

06 Nos. papers were presented on the theme topic by Er. S. C. Thukral, FIE; Er. P. K. Nanda, MIE; Er. Vijay Kumar Sharma, MIE; Er. Vinod Kumar, MIE; Er. Ranjeev Sawhney, MIE and Er. Sunil Seth, MIE.

All the speakers stressed that schemes for housing should address affordability needs in relation to various income groups of the society. In view of the huge pressure on urban population due to the migration from rural areas and the scarcity of the land for construction of houses, the mode of development may be shifted from horizontal to vertical development. All the stakeholders which include the engineers, planners, economists and bankers need to pool in their efforts on war footing to meet the challenges in achievement of this national goal.

Dr. Manmohan Singh, Managing Director, J&K Housing Board lauded the efforts made by different speakers for coming up with the proposals for framing different types of housing schemes and assured for taking up necessary action on the said proposals and discussed the concept of adaptation of land pooling. He also stressed that the colonizers should come together and implement the concept of land pooling which will prove beneficial for the implementation of affordable housing schemes and policies in relation to the future challenges.

Er. B. L. Rawal, MIE; Honorary Secretary conducted the proceedings of the function and delivered vote of thanks to the august gathering for making the celebrations a grand success.



Dr. Manmohan Singh, Managing Director, J&K Housing Board flanked by Er. Ajay Gupta, FIE; Chairman & Er. B. L. Rawal, MIE Honorary Secretary and Engineers presenting their papers on the occasion.

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## PRESENT SCENARIO OF SHAHPURKANDI DAM



**Er. H.C. Jerath, FIE**

As per Indus Water Treaty - 1960 signed between two nations, India can solely utilize all water flowing in the Eastern Rivers like Ravi, Satluj and Beas presently flowing from India to Pakistan.

A deadlock regarding the construction of Shahpurkandi Dam between the States of J&K and Punjab was broken when the Ministers of the both the States exchanged approved MOU by the State Cabinet in the first week of September 2017 at Srinagar so as to enable both the states to utilize every drop of water of Ravi River rather than allowing to flow directly into Pakistan.

In the interstate conference held at New Delhi on 29.01.1955, the state of J & K was allocated 0.65 MAF water in addition to the pre-partition utilization of 0.04MAF from river Ravi. In 1977 it was decided to take up the construction work of Thein Dam project.

A bilateral agreement was signed between Punjab and J&K on 20.01.1979 in which it was agreed that J&K Govt shall take off Ravi Canal from Shahpurkandi Barrage and draw its share of water (1150 Cusecs). The Shahpurkandi Barrage shall be started at the First Technically Feasible opportunity. J&K shall get 20% of the total power generated from Thein Dam and Shahpurkandi Dam. 15% personnel shall be taken from J&K for the project. The construction of project was delayed and finally Punjab Govt. enacted "Punjab Termination of Agreements Act 2004" whereby it unilaterally terminated all agreements signed by it relating to waters of Ravi-Beas. Due to which J&K could not draw its allocated share of water and power leading to huge losses to the State.

As per the agreement of 1979 the J&K State's agreed share = 0.69MAF (incl. 0.04MAF pre-partition share)

The quantity of water being utilized by the State at present = 0.215MAF

(Kathua Canal = 400 Cusecs, Kerian Gandial=45 Cusecs Old Basantpur Canal = 25 Cusecs i.e 470 cusecs)

Balance quantity of water as per the agreed share from Shahpurkandi Dam =0.475 MAF (i.e 1150 Cusecs)

Number of meetings were held between the states at different levels and number of times matter was deliberated under the chairmanship of secretary MOWR GOI. The ice was finally broken after a lapse of more than three decades when the Secretaries of the both the states resumed talks on the issue and MOU was signed on 3rd of March 2017 in presence of the Union Secretary MOWR, GOI, with the following clauses:

The crest levels of both the Head regulators shall be fixed at 398.40 m as agreed. The Central Water and Power Research Station (CWPRS) Pune will carry out Model study to assess the crest levels of head regulators so as to ensure that the mandated share of 1150 cusecs of water is available to the State of J&K, which will be binding on both the States.

The project will continue to be implemented by the Government of Punjab. The balance costs on account of compensation for land acquisition in respect of Thein Dam, as per

the agreement would be paid for by the Government of Punjab promptly.

The Government of Punjab would be making available to the Govt. of J&K 20% share in the total power generated at the Thein Dam at the mutually agreed rate of Rs. 3.50 per unit immediately, subject to the confirmation of the rates by the CERC.

After detailed discussions it was decided that the issues of claims and counter claims would be referred for arbitration in accordance with Clause 16 of the Agreement of 1979. The two State Governments will work on a draft agreement in this regard. Punjab Government reiterated its commitment to construct the balance 2.3 km Ravi Canal/ and syphon for the Kashmir Canal/ co-terminous with the construction of the Shahpur Kandi Dam.

It was unanimously agreed that the work on the Shahpur Kandi Dam Project would resume as soon as both the State Governments formally approve the agreed decisions.

### **Benefits after construction of Shahpur Kandi Dam:**

i) The Punjab shall immediately release the balance cost of land compensation and other allied items as per present rates. **Apart from this, affected persons shall be provided employment in the construction of Dam.**

ii) Over one lac acres of kandi area of Districts of Samba & Kathua falling in the command of Ravi Canal shall get irrigation facility on implementation of water sharing Agreement with Punjab.

iii) Punjab has agreed to supply the power as soon as the work is resumed. After resumption of the work of Shahpur Kandi Dam the J&K state shall start getting 20 % of power i.e. approx. 300 MU annually from Ranjit Sagar Dam and another 20% from the Shahpur kandi project after its completion/Commissioning.

iv) The state of Punjab has agreed to construct the balance portion of Ravi Canal for a length of 2.3 Km and canal syphon for carrying water for Kashmir Canal out of their own resources (out of cost of National Project funded by Govt. of India) **for which the state of J&K has not to make any investment in this regard.**

Decks having been cleared for the project Shahpur Kandi Dam It will be game changer for the entire region of Kathua and Samba districts thus bringing revolutionary transformation not only in agriculture and irrigation sector but also in power sector. After completion of the Shahpur kandi Dam the economic condition of the poor farmers of both the districts Samba & Kathua shall be improved and there will be green revolution in the area which will result in making the J&K State self sufficient as far as food is concerned. Apart from the above benefits there will be lot of indirect benefits to the farmers living adjoining the canal network.

The complete project shall be complete within a span of two year. Had the execution of the Project started in time there would have been GREEN REVOLUTION in both the states there by contributing for the overall development of the NATION.

***It is well said that "IT IS NEVER TOO LATE"***

(The author is Former Chief Engineer RTIC, J&K Govt. Jammu & has also remained as Chairman of this Centre)

## Incharge D' Affairs

## THE INSTITUTION OF ENGINEERS [INDIA], JAMMU LOCAL CENTRE

## The Committee 2017 - 2019



Chairman

**Er. Ravi Kumar Chanyal, FIE** is Retired Chief Engineer, Power Development Department, J&K Govt. Jammu. He is an alumnus of Punjab Engineering College, Chandigarh & graduated in 1978. He is also Life Member of National Rifle Association of India. He has a vast experience in Power Sector and has served in various Wings of Power Development Department & J&K State Power Development Corporation in different capacities. It is his 3<sup>rd</sup> stint in the Committee of this Centre.



Hony. Secretary

**Er. Vijay Kumar Sharma, MIE** is working as Assistant Executive Engineer (Mech.) in Irrigation & Flood Control Department, J&K Govt. Jammu. He has been awarded *Gold Medal* twice & *Silver Medal* once by this centre for presenting the Technical papers in various seminars conducted by the Centre. It is his 2<sup>nd</sup> stint in the Committee of this Centre.



Immediate Past Chairman

**Er. Ajay Gupta, FIE** is the Immediate Past Chairman of this Centre and is working as Executive Director in J&K State Power Development Corporation. He is an alumnus of erstwhile REC Srinagar, now NIT Srinagar. Er. Ajay Gupta has a vast experience in power sector and has remained Chief Engineer, EM&RE Wing, Jammu and Systems & Operation Wing, Jammu. It is his 2<sup>nd</sup> stint in the Committee of this Centre.



Immediate Past Hony. Secretary

**Er. B. L. Rawal, MIE** is the Immediate Past Honorary Secretary and is a Retired Executive Engineer, PWD (R&B), J & K Govt. Presently, he is working as Project Manager in Valecha Engineering Company for Projects in J&K. He is an experienced engineer and has won many Gold & Silver Medals from this Center for presentation of Technical papers in various seminars conducted by the Centre. It is his 3<sup>rd</sup> stint in the Committee of this Centre.



Member

**Er. Braj B. Sharma, FIE** has been elected from Environmental Engineering Division. He is a Former Chief Engineer, J&K State Power Development Corporation. Presently, he is Regional Head (Business

Development), Hindustan Construction Company for J&K State. He is also Life Fellow of The Institution of Public Health Engineering, Kolkata. He was Chairman of this centre for the term 2011- 2013. It is his 5<sup>th</sup> stint in the Committee of this Centre.



Member

**Er. K. R. Suri, FIE** is a Retired General Manager, (O&M), Power Grid Jammu. He has been elected from Electrical Engineering Division. A Graduate from Jodhpur Engineering College, he has vast experience of over 36 years at various positions in MPEB, NTPC and Power Grid. He has worked on various prestigious projects and has visited many countries during his service career. Presently, he is working as Advisor to Sterlite Power for transmission system from Jallander to Samba and finally to Amargarh and is Member Advisory Committee of Elect. Engg. of MIET and regular visitor to GCET and YCET Jammu. It is his maiden stint in the Committee of this Centre.



Member

**Dr. Sanjay Khar, FIE** has been elected from Agriculture Engineering Division. He is working as Sr. Scientist in *Sher-E-Kashmir University of Agricultural Sciences and Technology, Jammu*. He is the recipient of many awards at State & National Level for his outstanding contribution to the field of Agricultural Engineering and has authored many Research Papers, Technical Bulletins & Success Stories which have been published in National & International Journals. He is also Member of faculty of Agricultural, Member Secretary of Scientific Advisory Committee & Member of University Extension Council of SKUAST-J. He is Life Member of Indian Society of Agricultural Engineering, Indian Society of Krishi Vigyan, Journal of Hill Agriculture, Indian Ecological Society, Indian Society of Progressive Horticulture & International Journal of Agricultural Engineering. It is his 3<sup>rd</sup> stint in the Committee of this Centre.



Member

**Er. C Paul Sharma, MIE** has been elected from Civil Engg. Division. He is former Executive Engineer from PHE Deptt. J&K Govt. Jammu and is presently working with IPE Global Infrastructure Co. It is his 2<sup>nd</sup> stint in the Committee of this Centre.



Member

**Er. Kuldip Kumar Badyal, MIE** has been elected from Civil Engineering Division. Having graduated from REC Srinagar, he did PGDBM from University of Jammu and joined J&K Govt. as Assistant Engineer. He has worked on Projects in varied engineering sectors and presently is working as Executive Engineer in RTIC, Jammu with additional assignment of Technical Officer to Chief Engineer, I&FC Deptt. Jammu. It is his 2<sup>nd</sup> stint in the Committee of this Centre.



Member

**Er. Pooja Wazir, AMIE** has been elected from Civil Engineering Division. An alumnus of GCET, Jammu, She has been a distinction holder throughout and position holder in Civil Engineering. Appointed as Assistant Engineer through PSC in the year 2007 and after serving R&B for few years she is currently working as Assistant Executive Engineer in J&K Housing Board. It is her maiden stint in the Committee of this Centre.



Member

**Er. Vijay Kumar Arora, MIE** has been elected from Mechanical Engineering Division. An alumnus of REC Srinagar, he has vast experience of 32 years in varied engineering sectors. Presently, he is working as Executive Engineer in J&K Govt. It is his maiden stint in the Committee of this Centre.



Member

**Er. Mohinder Singh, MIE** has been elected from Mechanical Engineering Division. He is working as Assistant Executive Engineer (Mechanical) in PHE Department, J&K Govt. Jammu and is associated with the various activities of the CCDU for creating awareness about importance of conservation of water and water resources. He is also Life Member of The Institution of Public Health Engineering and is very active in the field of fitness, wellness and nutrition arena, Kolkata and is Former Honorary Secretary of this Centre. It is his 5<sup>th</sup> stint in the Committee of this Centre.



Member

**Er. Jatinder Singh Kapoor, MIE** has been elected from Mining Engineering Division. Having done B.E. Mining from NIT, Rourkela he did MBA Finance from IGNOU. An employee of Geology & Mining Department, J&K Govt. is presently on deputation to J&K Minerals Ltd. as OSD Mines having overall control of all the coal mining operations of the department. It is his third stint in the Committee of this Centre.



Member

**Er. Supinder Jeet Singh, AMIE** has been elected from Electrical Engineering Division. He is Masters in Energy Management, Bachelors in Elect. Engg. & holding dual qualified Engineers Certification in Computer engineering. He has over 11 years of rich corporate experience and has worked with Ministry of New and Renewable Energy, Govt. Of India, few multinational ICT companies like Ericsson, Nokia Siemens, Reliance Jio Infocomm

Limited. Presently he is working as Regional Head in HFCL Group for NFS Network in Northern part of India for BSNL. He has been awarded *Gold Medal* twice & *Silver Medal* once by this centre for presenting the Technical papers in various seminars conducted by the Centre. It is his maiden stint in the Committee of this Centre.



Member

**Er. Sachin Tickoo, MIE** has been elected from Electronic & Telecommunication Engineering Division. An alumnus of GCET, Jammu. He is presently working as Junior Engineer in Power Development Department, Jammu. It is his maiden stint in the Committee of this Centre.



Member

**Er. Nitu Choudhary, AMIE** has been elected from Computer Engineering Division. She is AMIE in Computer Science & Engg., and is pursuing M.Tech from PTU. Presently, she is working as Vocational Trainer in School Education

Department. It is her maiden stint in the Committee of this Centre.

Member  
Editorial Board

In addition to the Committee members, **Er. Anil Verma, MIE**; Former Hony. Secretary of this Centre, has been inducted as Member of the Editorial Board for the sessions 2017-19 considering his vast & varied experience in this field. Presently, he is working as Assistant Executive Engineer in Power Development Department, J&K Govt. Jammu. He is also Member of the Managing Committee of Jammu Club, Jammu which is a big social recognition & honour. Pertinently, Jammu Club is considered as an elite club of service class officers of J&K State. It is worthwhile to mention here that he is also Member of the Editorial Board for publication of Quarterly News Letter of the Jammu Club, Jammu. He is also Member of Guidance Council of Jammu & Kashmir Electrical Engineering Graduates Association. This Centre has awarded him with a *Gold Medal* for presenting the Best Technical paper during the year 2004. This is his 5<sup>th</sup> stint in the Editorial Board of this Centre.

## 50<sup>th</sup> Engineers' Day Celebrated (Continued from Page ....1)



### Engineers while receiving mementoes from the Chief Guest & Guest of Honour on 50<sup>th</sup> Engineers' Day

Hon'ble Ministers also honoured Er. S. C. Thukral, FIE; Er. P. K. Nanda, MIE; Er. K. R. Suri, FIE; Er. Ashok Kumar Sharma, MIE; Er. Sewa Ram, MIE; Er. Vijay Kumar Sharma, MIE; Er. Ranjeev Sawhney, MIE; Er. Supinder Jeet Singh, AMIE; Er. Rajesh Kumar Angural & Er. Akash Dusgotra, AMIE with mementoes for presenting two or more technical papers during the year 2016-2017.

The Staff members of IEI Jammu Local Center Mr. Durga Dass, Mr. Ajay Kumar and Mr. Ajay Kodhi were also honoured by the Chief Guest & Guest of Honour with mementoes for their consistent hard work for the Centre. Mr. Rohit Khanna of M/s Khanna Studio was also honoured for covering various events of the Centre.

In addition to above first issue of 15<sup>th</sup> Volume of quarterly News Letter of Jammu Local Centre was also released by the Chief Guest & Guest of Honour on this occasion in presence of Editorial Board comprising of Er. Ajay Gupta, FIE; Er. P. K. Nanda, MIE; Er. Anil Verma, MIE; Er. Rabinder Shekher, MIE; Er. Dr. Bhawna Sharma, MIE & Er. B. L. Rawal, MIE. The Editorial Board Members were also presented with mementoes for their outstanding services rendered for the timely publication of News Letter.

The *Inaugural Session* was followed by a *Technical Session* which was chaired by Er. V. N. Sharma, FIE; Member Regional Empowered Committee, Northern Region, Ministry of Environment, Forest and Climate Change, Government of India and Former Chief Engineer, P.W.D. J&K Govt. in which 08 Nos. papers were presented in the shape of *Power Point Presentations* by Er. S. C. Thukral, FIE; Er. P. K. Nanda, MIE; Er. Sewa Ram, MIE; Er. Vijay Kumar Sharma, MIE; Er. Ranjeev Sawhney, MIE; Er. Vinod Kumar, MIE; Er. Akash Dusgotra, AMIE, and Er. Rajesh Kumar Angural on the theme topic "*Role of Engineers in a Developing India*".

Er. B. L. Rawal, MIE; Honorary Secretary of the centre conducted the proceedings and presented *vote of thanks* to the august engineers, guests and media persons for making this function a grand success.



Er. V.N. Sharma, FIE

## List of New & Upgraded Members

The Institution of Engineers (India), Jammu Local Centre congratulates the following engineers who have been enrolled as Members of the Institution of Engineers (India).

M159521-5	MR SUDESH KUMAR	EL
M159614-9	MR PANKAJ DUBEY	EL
M159377-8	MR GURDEV SINGH SODHI	EL
AM175370-6	MR AMIT LANGEH	EL
M158747-6	MR PARDEEP MENGI	CV
M159799-4	MR SUKHDEEP SINGH	CV
M159877-5	MR GANSHYAM SINGH JAMWAL	CV
AM177552-1	MR ABDUL RASHID	CV
M158876-6	MR RAJESH MANTOO	MC
M159746-3	MR SACHIN TICKOO	ET
AM177359-6	MS DIKSHA KOUL	ET

## AMIE SECTION A & SECTION B (WINTER SESSION) EXAMINATIONS HELD

Examinations (Winter Session - 2017) for AMIE aspirants were conducted at Govt. Polytechnic for Women, Shiv Nagar, Jammu w.e.f. 2<sup>nd</sup> to 8<sup>th</sup> December, 2017. **486** candidates were registered for the examination. This Centre is grateful to the Officer-In-Charge Er. Ritu Jamwal, Principal and the staff of the above said institution for their association and cooperation for conducting the examinations smoothly.

## MEMBERS IN NEWS

### Er. V.K. Bhagotra awarded for his meritorious social service



Er. V.K. Bhagotra while getting felicitated at Abhinav Theatre, Jammu

Er. Vijay Kumar Bhagotra, FIE Former Chairman & Honorary Secretary of this centre has been honoured with the first Prestigious RUDRA AWARD of Excellence in Field of Social Service for 2015-17 by the Prof. Chaman Lal Gupta Foundation, Jammu in recognition of his untiring selfless dedicated services for overall functioning of the Home for Aged & Infirm, Ambphalla, Jammu. One person each in field of Education, Social Service, Journalism, Art & Culture and Sports was conferred RUDRA AWARD comprising of a Memento, Citation and Rs. 51,000/- Cheque.

The RUDRA AWARD was presented to him by the Chief Guest Sh. Avinash Khanna, BJP National Vice-President and Guest of Honour Dr. Nirmal Singh, Deputy Chief Minister, J&K State in presence of Sh. Kavinder Gupta, Speaker Legislative Assembly, Prof. Chaman Lal Gupta and other dignitaries representing various political and social welfare fields on Sher-E-Duggar Lala Hans Raj Mahajan's 151<sup>st</sup> Birth Day Celebrations. A glittering function held at Abhinav Theatre on 10<sup>th</sup> December, 2017.

This Award has been conferred on him in recognition of his untiring dedicated social and welfare service to the society in general and hapless/destitute aged persons in particular for last over one and half decades. He is personally involved in social service activities of a number of NGO's working for welfare of orphan/militancy effected, handicapped, deaf and dumb children as well as aged & inform senior citizens and other down trodden members of the society.

It is pertinent to mention here that Er. V K Bhagotra is the recipient of 1<sup>st</sup> IEI Award being conferred on him by this Centre for his outstanding services rendered to the engineering profession as well as to the Institution of Engineers. He got this award on 46<sup>th</sup> Engineers' Day. Apart from this, he is recipient of many awards and honours and one of them was "UN-INDIA CONNECT PIN" conferred by Padam Shree Sh. S. P. Verma, President Gandhi Global Family, J&K in 2017 for his untiring dedicated services to the senior citizens on behalf of United Nation Information Centre for India & Bhutan, New Delhi. The Institution of Engineers (India), Jammu Local Centre feels honoured in congratulating Er. V K Bhagotra for this achievement.

### Yet another award bagged by Er. P K Nanda

Er. P. K. Nanda, MIE, Former Executive Engineer, Hydraulic J & K Govt. presently Consultant with a Multi National Construction Company and Former Honorary Secretary of Jammu Local Center attended a seminar on Economic Growth and National Integration on 4<sup>th</sup> October, 2017 organized by INDIA INTERNATIONAL FRIENDSHIP SOCIETY at Indian International Centre, New Delhi.

On this occasion Er. Nanda was honoured with MAHATAMA GANDHI EXCELLENCE AWARD & Citation in recognition of contribution and dedication to worthy causes and achievements in keeping the flag of India High. The award was presented by Sh. Shivraj Patil, Former Cabinet Minister and Governor of Punjab, Chief Guest on the occasion in presence of Sh. Bhisam Narain Singh, Former Cabinet Minister Govt. of INDIA and Ex. Governor of Tamil Nadu and Andhra Pradesh States, Guest of Honour, Sh. Ved Parkash, Member, AICC and Sh. Zulfkar Ahmad, Cabinet Minister, Food and Supplies, J&K Govt. In the function, intellectuals from different parts of country were also honoured with mementoes and citations for contribution in their respective fields.

Er. Nanda has been already received many awards & honours by this Institution and at the national and international arena in recognition to his achievements in the field of Engineering & Technology and social service. **Pertinently, this is the 59<sup>th</sup> felicitation/award for Er. P. K. Nanda during his whole professional career.** This Centre congratulates Er. Nanda for achieving this feat.



Er. P.K. Nanda while being honoured at New Delhi

### Er. Mohinder Singh excels in Body Building Arena



The intense passion of Er. Mohinder Singh Manhas, MIE; for body building has got commendable recognition as he has been nominated as Senior Ambassador of Body Power India, the largest fitness hub of Asia involving various fitness, wellness, & nutrition activities for promotion in Jammu region. He has also been selected as part of the Core Team of Body Power Expo to be held in Mumbai from 12<sup>th</sup> to 14<sup>th</sup> January, 2018 as a recognition for his work by the CEO of the Brand Mr. Nick Orton. The Body Power Expo is Asia's largest sport, fitness and nutrition media company that specializes in expos and events. It brings together the leading brands and athletes in the health and fitness industry to attract over 50,000 visitors including fitness enthusiasts, key buyers, distributors and manufacturers from all over the Asia.

Er. Mohinder Singh is working as Assistant Executive Engineer (Mechanical) in PHE Department, J&K Govt. He is former Honorary Secretary of this Centre & presently is District Coordinator of CCDU in PHE Department J&K Govt. Pertinently, Mr. Mohinder Singh's family owns four Gyms in Jammu by the name "Musclezone Fitness Club" and Body Building is his favourite hobby. This Centre congratulates Er. Mohinder Singh for achieving this feat.

### FELICITATIONS TO THE GOLD & SILVER MEDALLISTS!



Er. Supinder Jeet Singh while receiving the R L Sharma Memorial Gold Medal

This Centre extends its heartiest congratulations to Er. Supinder Jeet Singh, AMIE & Er. Vijay Kumar Sharma, MIE for bagging R L Sharma Memorial Gold Medal & Rudra Bhagwati Silver Medal respectively on the 50<sup>th</sup> Engineers' Day.



Er. Vijay Kumar Sharma while receiving the Rudra Bhagwati Silver Medal



**SH. SHAM LAL CHAUDHARY**  
Hon'ble Minister for PHE/I&FC  
Jammu and Kashmir



**SYED FAROOQ AHMAD ANDRABI**  
Hon'ble Minister of State for PHE/I&FC  
Jammu and Kashmir

**LET'S PLEDGE TO FOLLOW THE SIMPLE STEPS**



**TO SECURE THE FUTURE OF NATION  
"SAVE WATER SAVE LIFE"**

Issued in Public Interest by  
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Water and Sanitation Support Organisation ( WSSO) Department of PHE, I&FC, Government of J&K

**IEI COMPLEX**

The Institution of Engineers (India), Jammu Local Centre has created facilities at Institutional Complex, Sector - 3, Channi Himmat, Jammu which comprises of 06 Nos. AC Double Bedded Rooms, 01 No. AC Lecture Hall and 01 No. AC Auditorium. In addition to this, there is an Air Conditioned library which can be used by the AMIE students and other engineers of the region for consulting the latest technical books for updating their knowledge.

The rooms can be utilized by the Corporate Members of the Institution for their/their guests' use. Lecture hall and Auditorium can be utilized for techno-commercial activities like Technical Seminars, Commercial Exhibitions, Science Exhibitions, Book Fairs, etc. related to engineering/technological fields and the like. *Further, corporate members of this Centre are informed that now Auditorium Hall will also be available to them for small parties and mini functions with restriction that DJs/Music systems will not be allowed to be played inside it.*

*It is pertinent to mention here that "Donation to the Institution is exempted from Taxable Income of the donor under Section 80G(5) (vi) of Income Tax Act.*  
Hence engineers of this region are requested to donate generously for the upliftment of the Centre.

**The Institution of Engineers (India),**  
Jammu Local Centre  
*wishes a very*  
**Happy & Prosperous New Year 2018**  
**TO ALL THE ENGINEERS**

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**FORTHCOMING ACTIVITIES**

**World Water Day**  
**On 22<sup>nd</sup> March, 2018 (Thursday)**  
**Theme Topic: "Nature for Water"**

The interested corporate members, colleague engineers & engineering students are requested to submit the papers by 15<sup>th</sup> March, 2018 for the above mentioned activity, so that the same are listed for presentation.



**EDITORIAL BOARD**

1. Er. Ravi Kumar Chanyal, FIE - Editorial Director
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