



World Environment Day - 2021 celebrated



The Institution of Engineers (India), Jammu Local Centre celebrated **World Environment Day** on 5th June, 2021 at Channi Himmat, Jammu through Google meet. A webinar on the theme **"Ecosystem Restoration"** was organized in which large number of engineers, scholars, academicians, environment lovers, and members of the civil society attended the webinar.

At the outset, Dr. Sanjay Khar, FIE Chairman, IEI, Jammu Centre apprised the audience about the theme and presented the welcome address. He meticulously touched every aspect of the theme topic vis-à-vis the present pandemic times which was lauded by the audience during the Interactive Session.

Five Papers on the theme were presented by Er. P. K. Nanda, MIE; Er. B. L. Rawal, MIE; Er. Ranjeev Sawhney, MIE; Er. Mir Muneer Hussain, MIE and Er. Akash Dugotra, AMIE. A case study of Ecological Imbalances in the Rural Areas was also presented by Er. Vijay Kumar Sharma, MIE.

Er. P. K. Nanda, MIE cited the example of distribution of tree saplings in a Gurudwara as Parsadam instead of routine porridge to sensitize the people at large about the presence of trees in our environment. He requested that such awareness generating Parsadam must be distributed at least once in a week from all religious places as a message of God to create awareness in the humanity regarding protection of environment and ecosystems through plantation of trees. Another speaker raked up the issue of shifting of present J&K High Court Complex to Raika Village on the outskirts of Jammu. He mentioned that Raika Forest area are lungs of Jammu which is likely to be cut completely for construction of New J&K High Court Complex. The felling of trees in the Raika Forest area for construction of new J&K High Court Complex is akin to contracting Covid to Jammu town by depriving it of lungs which are the vital life sustaining organ in the present pandemic times. Yet another speaker awared the audience about the Ecological Balance and Environment which is one of the Sustainable Development Goals.

Er. Samir Sharma, MIE, former Honorary Secretary of the Centre discussed about the Compensatory Afforestation Fund Management and Planning Authority (CAMPA), a National Advisory Council meant to promote afforestation and regeneration activities as a way of compensating for forest land diverted to non-forest uses.

Er. C. P. MIE, Honorary Secretary of the centre conducted the proceedings of the seminar and presented vote of thanks.

Lighten Your (Electrical) Load During Summer Break.....And All Year Long!

Before you leave for break:

- Unplug consumer electronics like TVs, microwaves, stereos and computers – they use electricity even when they are turned off!
- Turn off you lights, and other gadgets!
- Turn off copiers and other unnecessary research & office equipment!



Help prevent global climate change

Excessive electrical use can really weight down our environment, for example, leaving the lights on in a small classroom or office for just **2 unnecessary hours every day** causes over **600 lbs of CO₂** to be released by commercial power plants each year.

SO TURN IT OFF BEFORE YOU GO!

World Telecommunication & Information Society Day

Theme: "Accelerating Digital Transformation in challenging times."

World Telecommunication & Information Society Day is celebrated on 17th May every year which marks the founding of ITU on 17th May 1865 when the first International Telegraph Convention was signed in Paris. The theme for this year was "Accelerating Digital Transformation in challenging times".

ICT as a development tool can help developing and developed countries alike to promote connectivity. The information society has emerged as one of the main lines of defence against COVID-19. There have been many successful stories, which have shown a spotlight both on the vital importance of ICTs and deep digital inequalities between and within countries.

Digital technologies sustain life, work, health and learning for billions of people. In the face of COVID-19, businesses, governments and the digital community have proven resilient and innovative, helping to protect lives and livelihoods. These challenging times have accelerated the transformation everywhere.

Yet 3.7 billion people – nearly half the world's population – remain unconnected to the Internet; and of these, the majority are women. They, too, must be included if we are to make the possibilities of 5G, artificial intelligence, the Internet of Things, digital health and other technologies truly transformative and sustainable.

We must also protect against the dangers of digital technologies, from the spread of hatred and misinformation to cyberattacks and the exploitation of our data.

As we move into 2021, multiple breakthrough technologies are being implemented that will affect our daily lives and shape technological progress for the rest of the decade. AI, the Internet of things (IoT), the Industrial Internet of Things (IIoT), Industry 4.0, cloud computing, 5G communications, blockchain, UAVs, and robotics are among the electronic and mechanical advances that will reshape our world. Many of these technologies are about to come into full implementation and utility, and many will be interdependent, such as UAVs and robotics, or 5G and the IoT.

Many of these upcoming advances are contributing to efforts to resolve the COVID-19 pandemic. Machine learning and computational analysis — the basics of AI computing with cloud support — have been used to analyze millions of protein combinations to develop vaccines for the SARS-CoV-2 virus. Earlier vaccines took a minimum of four years of development before being released, but new technologies have brought about potential solutions and these vaccines were released in early 2021.

With the accelerated pace of vaccination and Covid Appropriate Behaviour, we shall prevent the possible third wave of pandemic. Technology should be used in spreading correct and positive information. Technology can play a major role to arrest it spreading in rural areas which otherwise can be catastrophic.

IEI Jammu could not celebrate WT&IS Day this year due to COVID-19 pandemic.

53rd Annual General Meeting Held



53rd Annual General Meeting of The Institution of Engineers (India), Jammu Local Centre was held at its Institutional Complex on 24th April 2021 through online and offline mode. It was presided over by Dr. Sanjay Khar, FIE, Chairman of IEI, Jammu Local Centre. A large number of corporate members from all disciplines of engineering attended the AGM.

Er. C P Sharma, Honorary Secretary, while welcoming the members, presented the annual report for the year 2019-2020 and highlighted the activities of the Jammu Local Centre. The audited annual account for the year 2019-20 were presented and approved. An account of various activities conducted by the Institution of Engineers India during the year which included seminars/paper meetings in which local problems were deliberated upon beside also holding International and National seminars and symposia.

It was also informed to the house that the membership has enhanced from **1213 to 1306** from 1st April 2019 to 4th March, 2021.

Er. C P Sharma, MIE, Honorary Secretary of the centre conducted the proceedings of the AGM and presented vote of thanks.

D. K. GUPTA ENGINEER OF THE YEAR AWARD

All Corporate Members attached with Jammu Local Centre are hereby informed that the Institution of Engineers (India), Jammu Local Centre presents "**D. K. Gupta Engineer of the Year Award**" every year sponsored by Er. D. K. Gupta on Engineers' Day based on:

"Lifetime Achievements of an individual during his/her whole professional career up to the year of submission of his/her credentials to this centre".

The award is "application based" and any corporate member attached with Institution Jammu Local Centre, can apply for it. The applicant staking claim for the aforesaid award has to submit his/her application in a "prescribed format" available in Institution's Office located at Sector-3, Channi Himmat, Jammu, in which Self Appraisal has been sought from him/her along with supporting documents.

The last date for submission of applications is 25th August, 2021 up to 4:30 P.M.

For details contact:

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Honorary Secretary

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Webinar on the topic “Energy Conservation, Energy Efficiency, Use of Renewable Energy , Environment & Climate Change”



The Institution of Engineers (India), Jammu Local Centre organized a technical Webinar on the topic “Energy Conservation, Energy Efficiency, Use of Renewable Energy, Environment & Climate Change” on 16th June 2021 in which large number of engineers, scholars, academicians participated.

At the outset, Dr. Sanjay Khar, FIE Chairman, IEI, Jammu Centre apprised the audience about the topic and presented the welcome address.

The key speaker and the resource person, Er. K. K. Mahajan, B.E. (Mech.); MIE; Chartered Engineer, Lead Auditor ISO : 2015. (QMS); Energy Auditor & a former Senior Executive of Tata Chemical Ltd., Gujarat, DCW Limited, Gujarat and SIEL Chemical Complex, Rajpura (Pb.) and Delhi, dwelled the topic on Energy Conservation, Energy Efficiency, Use of Renewal Energy, Environment and Climate Change. He warned that the consequences of climate change are already visible: increased risk and duration of drought and wildfires, reduced snowpack, and extinction of vulnerable wildlife species. He stressed that renewable energy is the



Er. K. K. Mahajan, MIE

path to reliable, affordable, clean power. Renewable energy provides substantial benefits for our climate, our health, and our economy – but to do so requires commitment and that strategic policies. Most renewable energy resources emit no carbon pollution. He discussed in detail about the Energy conservation and Energy efficiency methods and policies.

The presentation was followed by a lively Question and Answer session on the topic.

Er. C. P. Sharma, MIE, Honorary Secretary of the centre conducted the proceedings of the webinar and presented vote of thanks.

CONDOLENCE

Er. B. K. Suri, Former Chairman IEI Jammu passes away



ER. B.K. SURI

Er. Birinder Kumar Suri, FIE, former Chairman, IEI Jammu breathed his last on 7th April, 2021. He is survived by his wife, a daughter & a son.

An alumnus of Assam Engineering College, Guwahati, he started his service career as Assistant Engineer in the Hydraulics Wing of Public Works Department, Jammu & Kashmir Government in the year 1961. He had also obtained PG Diploma from All India Institute of Hygiene & Public Health, Kolkata. He was deputed by the Government for Fellowship in Public Health & Hygiene at Bradford University, U.K. in the year 1985. He superannuated as Superintending Engineer from J&K Government Service. Later he was appointed as Consultant, J&K State Finance Commission from 2007 to 2010.

Er. B K Suri was elected as Chairman of the Institution of Engineers (India), Jammu Local Centre for the period 2001 to 2003 and remained a guiding force in various activities for the development of Jammu Local Centre. He was also the member of the Construction Sub Committee of IEI Complex and was instrumental in construction of new IEI Complex at Channi Himmat, Jammu. He presented many useful technical papers under the aegis of IEI Jammu. Besides, he was a Life Member of Indian Institute of Public Administration, New Delhi.

A condolence meeting was held on 24th April, 2021 in his honour in which Members of the IEI Jammu and engineering fraternity expressed deepest condolences on his sad demise and prayed to Almighty God to grant peace to his departed soul and courage to the bereaved family members to bear this colossal loss.

Er. Surinder Singh passes away

The Institution of Engineers (India), Jammu Local Centre, expresses its deep condolences on the sad and untimely demise of Er. Surinder Singh, MIE; Chief Engineer (Retd.), Mechanical Engineering Department, J&K Govt. He had been an active member of this Institution.

A condolence meeting was held on 24th April, 2021 at the Institution premises at Channi Himmat, Jammu in which members of the Jammu Local Centre and other engineering fraternity of the region prayed to Almighty to bestow peace on the departed soul and strength to the bereaved family to bear the irreparable loss.



S. Surinder Singh

AMENDMENTS IN THE REGULATIONS MADE BY IEI, HEADQUARTERS

Following amendments in the Regulations have been approved with retrospective effect from 01 October 2020 at the Special General Meeting of the Corporate Members of The Institution of Engineers (India) held on 28 February 2021 at Dehradun:

EXISTING REGULATIONS	AMENDED REGULATIONS
3. (c) The term of Committee of each State Centre or Local Centre shall be for two sessions only.	3. (c) (i) The term of Committee of each State Centre or Local Centre shall be for two sessions only. (ii) Notwithstanding anything contained in the Regulations, considering the unprecedented circumstances due to pandemic COVID-19 in the year 2020, the term of existing elected members of the Committee in State/ Local Centre in the Sessions 2018-20 or 2019 – 21 (as the case may be) referred in sub-clause (c)(i) above shall be extended by one more session so that each of such elected members continues as member of the Committee for three sessions with effect from his becoming a member of the Committee.
7. (b) The term of office of a Chairman of a State Centre shall be for two sessions and he shall not be eligible for further election as a Chairman of any State Centre after laying down his office as the Chairman completing his term of office partly or fully.	7. (b) The term of office of a Chairman of a State Centre shall be for two sessions and he shall not be eligible for further election as a Chairman of any State Centre after laying down his office as the Chairman completing his term of office partly or fully.
7. (c) The term of office of a Chairman of a Local Centre shall be for two sessions and he shall not be eligible for further election as a Chairman of any Local Centre after laying down his office as the Chairman completing his term of office partly or fully.	7. (c) (i) The term of office of a Chairman of a Local Centre shall be for two sessions, subject to Regulation 3(c)(ii) and he shall not be eligible for further election as a Chairman of any Local Centre after laying down his office as the Chairman completing his term of office partly or fully. (ii) In view of Regulation 3(c)(ii) the election to the office of the Chairman of a Local Centre for the sessions 2020-22 or sessions 2021-23 (as the case may be) stands postponed by one year.
8. (a) Before Annual General Meeting in the year in which election is due, the Committee of each State Centre shall also elect one of its members to be the Honorary Secretary of the Committee for the two ensuing sessions pursuant to the provisions of Regulation 3(e) and he shall not be eligible for further election as an Honorary Secretary of any State Centre after laying his office as the Honorary Secretary completing his term of office partly or fully. The person so elected shall take office as Honorary Secretary of the State Centre at the Annual General Meeting of the State Centre. An Honorary Secretary of a State Centre shall not be eligible for further election.	8. (a) (i) Before Annual General Meeting in the year in which election is due, the Committee of each State Centre, subject to Regulation 3(c)(ii), shall also elect one of its members to be the Honorary Secretary of the Committee for the two ensuing sessions pursuant to the provisions of Regulation 3(e) and he shall not be eligible for further election as an Honorary Secretary of any State Centre after laying his office as the Honorary Secretary completing his term of office partly or fully. The person so elected shall take office as Honorary Secretary of the State Centre at the Annual General Meeting of the State Centre. An Honorary Secretary of a State Centre shall not be eligible for further election. (ii) In view of Regulation 3(c)(ii) the election to the office of the Honorary Secretary of a State Centre for the sessions 2020-22 or sessions 2021-23 (as the case may be) stands postponed by one year.
8. (b) Before Annual General Meeting in the year in which election is due, the Committee of each Local Centre shall also elect one of its members to be the Honorary Secretary of the Committee for the two ensuing sessions pursuant to the provisions of Regulation 3(e) and he shall not be eligible for further election as an Honorary Secretary of any Local Centre after laying his office as the Honorary Secretary completing his term of office partly or fully. The person so elected shall take office as Honorary Secretary of the Local Centre at the Annual General Meeting of the Local Centre. An Honorary Secretary of a Local Centre shall not be eligible for further election.	8. (b) (i) Before Annual General Meeting in the year in which election is due, the Committee of each Local Centre, subject to Regulation 3(c)(ii), shall also elect one of its members to be the Honorary Secretary of the Committee for the two ensuing sessions pursuant to the provisions of Regulation 3(e) and he shall not be eligible for further election as an Honorary Secretary of any Local Centre after laying his office as the Honorary Secretary completing his term of office partly or fully. The person so elected shall take office as Honorary Secretary of the Local Centre at the Annual General Meeting of the Local Centre. An Honorary Secretary of a Local Centre shall not be eligible for further election. (ii) In view of Regulation 3(c)(ii) the election to the office of the Honorary Secretary of a Local Centre for the sessions 2020-22 or sessions 2021-23 (as the case may be) stands postponed by one year.

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 Bed 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 this 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. *For information of our readers, this Centre is pleased to announce that now these Guest House rooms will also be available to non engineer members.* 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 Jammu Local Centre.

WINTER 2020 SECTION A&B EXAMINATIONS

Considering the prevailing situation of Covid-19 Pandemic, Winter 2020 Sections A & B Examinations, scheduled to be held during 15 May 2021 to 21 May 2021, stands postponed till the improvement of situation on PAN India basis. Rescheduled Examination Programme will be displayed on IEI website with due approval of competent authority.

Candidates/aspirants are requested to visit IEI website time to time for updated information in this regard.

**Ordered by /-
Competent Authority**

FORTHCOMING ACTIVITIES**54th Engineers' Day**

On 15th September, 2021

Theme: "Awaited"

The interested corporate members, colleague engineers & engineering students are requested to submit the papers by 25th August, 2021 upto 4:00 P.M. for the above mentioned activity, so that the same are listed for presentation. The theme shall be communicated to all members as and when it is received/finalized.

They are further requested that in their papers/power point presentations theme topic should be adhered to and focus should be on the Local problems and new innovative ideas be suggested instead of downloading the content from Internet.

Vacations can Wait, Corona won't

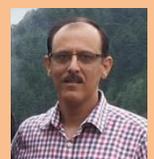
Don't let COVID have the upper hand
Follow Covid Appropriate Behaviour at all times
Stay Healthy! Stay Safe!
Say No to 3rd Wave!!

**Editorial Board**

Dr. Sanjay Khar, FIE
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Er. Anik Gupta, FIE
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Member



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