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# IEI jammu news

## The Institution of Engineers (India), Jammu Local Centre

"100 Years of Relentless Journey towards Engineering Advancement for Nation-building"

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### IEI Jammu celebrated World Water Day



1. Mr. Javed Ahmed Rana, Hon'ble Minister, *Chief Guest*, Mr. Satish Sharma, Hon'ble Minister, *Guest of Honour* along with Mr. Khurshid Ahmad Shah, *Guest of Honour*, Er. Anil Verma, FIE; Chairman & Er. Avneet Gupta, MIE Honorary Secretary, IEI Jammu Local Centre on the dais while Er. Iftikhar Ahmed Kakroo delivering the Keynote Address.
2. A view of audience during World Water Day celebrations.

The Institution of Engineers (India), Jammu Centre celebrated World Water Day on 22<sup>nd</sup> March, 2025 with the theme "Glacier Preservation". The event was attended by Engineers from various Departments, Organizations and Senior Engineers along with Members of the Committee of IEI, Jammu Centre.



Mr. Javed Ahmed Rana  
Chief Guest

On this occasion, **Mr. Javed Ahmed Rana, Hon'ble Minister**, Jal Shakti, Forest, Ecology & Environment and Tribal Affairs Department, Government of J&K UT was the *Chief Guest* and **Mr. Satish Sharma, Hon'ble Minister** for IT, Youth Services & Sports, Transport, Science & Technology, Food, Civil Supplies & Consumer Affairs, ARI & Training graced the occasion as *Guest of Honour*. **Mr. Khurshid Ahmad Shah, JKAS**, Mission Director, Jal Jeevan Mission, J&K, also accompanied as another *Guest of Honour*. Further, **Er. Iftikhar Ahmed Kakroo, Chairman**, J&K Water Resources (Regulation & Management) Authority (JKWRA) & Mr. Jose George Pottakkal, Head, Western Himalayan Regional Centre, National Institute of Hydrology, Jammu were the *Keynote Speakers*. **Er. Anil Verma, FIE Chairman**, IEI, Jammu Centre presided over the function.

Er. Anil Verma, Chairman in his *Welcome Address* introduced the day's theme to the audience. He drew an analogy between blood and glaciers and explained that the way blood is important for human life so are the glaciers for sustenance of water on this planet.

Mr. Javed Ahmed Rana, *Chief Guest* stressed upon preservation of glaciers which is not only important to protect the environment but also necessary for ensuring the wellbeing of millions of people. He further said that we should re-affirm our commitment to protect these vital resources of fresh water through research, policy measures, community involvement and innovative solutions to safeguard our glaciers for future generations.

Mr. Satish Sharma, Hon'ble Minister highlighted that we should try to lead simple life in order to protect the environment and at the same time go for afforestation to protect the environment thereby preventing further degradation of glaciers so that the future generations can also enjoy the fruits of mother nature.

Mr. Khurshid Ahmad Shah, MD, Jal Jeevan Mission conveyed that local communities should be engaged in conservation efforts. He stressed upon initiatives like sustainable practices, such as rainwater harvesting and organic farming which reduced the strain on glaciers' resources. He also administered *World Water Day Pledge* to the audience.

Er. Iftikhar Ahmed Kakroo, the *Keynote Speaker*, described the current position of glacier reduction because of erratic weather patterns & drying of water bodies. He advocated for research by Govt. Agencies & Academia for adoption of Water Conservation Management Strategies. Mr. Jose George Pottakkal, the other *Keynote Speaker* highlighted the importance of glaciers and their current state including the situation of glaciers in the state of Jammu and Kashmir.

During the seminar, Er. P. K. Nanda, FIE; Er. Sachin Tickoo, MIE; Er. Gopal Sharma, MIE; Er. Hemdeep Singh Ishar, AMIE; Er. Joy Ganjoo, AM Technologist, Er. Akash Dugotra, AMIE & Er. Anil Kumar, AMIE presented their papers on the theme. Er. B. L. Rawal, FIE & Er. Ranjeev Sawhney, MIE; also submitted their paper on the theme.

**Er. Avneet Gupta, MIE, Honorary Secretary**, IEI Jammu Local Centre presented the Vote of Thanks to the august gathering and media personnel for active participation.



Mr. Satish Sharma  
Guest of Honour





## GREEN BUILDINGS AND RATING SYSTEMS IN INDIA – AN OVERVIEW



CII-Sohrabji Godrej Green Building, Hyderabad. Inaugurated by His Excellency Late Dr. A. P. J. Abdul Kalam, the then President of India on 14 July 2004, the Building was First Green Building to receive LEED Platinum accreditation outside US.

**Green Buildings** are the structures designed to minimize their environmental impact while promoting sustainability, energy efficiency, and occupant well-being. They incorporate eco-friendly practices and materials throughout their construction, operation, and maintenance phases. The primary goal is to reduce the consumption of natural resources and enhance the overall quality of life for users.

**Green building rating systems** are frameworks used to evaluate and certify buildings based on their environmental sustainability, resource efficiency, and overall impact on occupants and the environment. These systems set benchmarks for sustainable construction practices, encouraging developers and architects to design structures that prioritize eco-friendliness, energy conservation, and occupant well-being.

**In India, prominent green building rating systems include:**

- **GRIHA (Green Rating for Integrated Habitat Assessment):** Developed by The Energy and Resources Institute (TERI) and endorsed by the Ministry of New and Renewable Energy, GRIHA is tailored to India's climatic and ecological conditions. It assesses buildings based on parameters such as energy efficiency, water management, waste reduction, and occupant health, providing a comprehensive framework for sustainable construction.
- **IGBC (Indian Green Building Council):** A part of the Confederation of Indian Industry, has also introduced a range of rating systems for various building types, including homes, schools, and factories. The IGBC focuses on sustainable site planning, energy optimization, water conservation, and indoor air quality to ensure holistic green building practices.
- **LEED (Leadership in Energy and Environmental Design):** Originally developed in the United States, LEED is administered by the IGBC in India and evaluates buildings on energy savings, carbon emissions reduction, water efficiency, and indoor environmental quality.

**In India, both state and central governments offer various incentives** to promote green buildings and encourage sustainable construction practices. These incentives aim to make green projects financially viable and attractive for developers. Here are some key incentives:

- **Tax Benefits:** Developers of green-certified buildings, such as those with LEED or GRIHA ratings, can claim up to 100% depreciation on green building assets like solar panels and rainwater harvesting systems.
- **Low-Interest Loans:** The Indian Renewable Energy Development Agency (IREDA) provides low-interest loans for projects with green certifications.
- **Fast-Track Approvals:** Green building projects with certifications like IGBC or GRIHA often receive expedited environmental clearances from the Ministry of Environment, Forest, and Climate Change.
- **Additional Floor Area Ratio (FAR):** Several states, including Punjab, Rajasthan, and West Bengal, offer additional FAR free of charge for projects with green certifications. For example, Punjab provides up to 10% additional FAR for IGBC-rated projects.
- **Subsidies:** Some states, like Rajasthan, offer subsidies for adopting green building measures, such as reimbursement of costs for green technologies.
- **Certification Fee Reimbursement:** States like Uttar Pradesh and West Bengal provide partial reimbursement of certification fees for green-rated projects.

**These systems play a vital role in promoting sustainable development, reducing ecological impact and contributing to India's commitment to environmental and climate goals.**

*By: Er. Sumil Goyal, Member, The Institution of Engineers (India)*



## GLIMPSES OF WORLD WATER DAY – 2025 CELEBRATIONS



Mr. Javed Ahmed Rana, Chief Guest & Mr. Satish Sharma, Guest of Honour; The Hon'ble Ministers of J&K Govt. while being greeted & welcomed for gracing the World Water Day event



Mr. Khurshid Ahmad Shah, MD, Jal Jeevan Mission while administering the World Water Day pledge to the audience



Er. Iftikhar Ahmed Kakroo, Chairman, J&K Water Resources (Regulation & Management) Authority (JKWRRRA) & Mr. Jose George Pottakkal, Head, Western Himalayan Regional Centre, National Institute of Hydrology, Jammu; the Keynote Speakers on World Water Day while being getting felicitated



A mark of Souvenir being presented to the Mr. Satish Sharma, the Hon'ble Minister

Mr. Khurshid Ahmad Shah, MD, Jal Jeevan Mission while being getting felicitated



Har Ghar Jal  
Jal Jeevan Mission

**Save Water**

**Save Life**

**Save World**





## World Engineering Day celebrated at IEI Jammu



1. Er. Raheela Wani, FIE; Managing Director, J&K Power Transmission Corporation Ltd., Power Development Department, J&K Govt., Jammu, Er. Anil Verma, FIE; Chairman & Er. Avneet Gupta, MIE Honorary Secretary on the dais during Energy Conservation Day celebrations
2. A Section of audience during the seminar

The Institution of Engineers (India), Jammu Centre celebrated the World Engineering Day for Sustainable Development on 4<sup>th</sup> March, 2025 with the theme ***“Unleashing the Power of Engineers to Advance the Sustainable Development Goals”***. The event was attended by large number of Engineers from various Departments, Organizations and Senior Engineers along with Members of the Committee of IEI, Jammu Local Centre.

On this occasion, **Er. Raheela Wani, FIE; Managing Director**, J&K Power Transmission Corporation Ltd., Power Development Department, J&K Govt., Jammu was the *Chief Guest*, whereas **Er. Anil Verma, FIE, Chairman**, IEI, Jammu Centre presided over the function.

Er. Anil Verma in his *Welcome Address* introduced the day's theme to the audience. He eulogized that 17 Nos Sustainable Development Goals (SDGs) are the ideal benchmarks for making living on this earth sustainable. Engineers & Engineering have a lion's contribution in achieving these benchmarks. He highlighted the role of citizenry in achievement of these SDGs & requested them to help themselves as well as the engineers by getting the Roof Top Solars installed in their houses under PM Surya Ghar Muft Bijli Yojana which will not only make the electrical energy cheap & affordable but also will be a boon for the environment in reducing the carbon footprint. He also explained about Jal Jeevan Mission project which is helping the citizens to get clean water. He requested the engineers in academic arena, scientific arena and the ones in execution side to work in tandem for making this world more livable in future.

During the seminar, Er. P. K. Nanda, FIE; Er. Ranjeev Sawhney, MIE; Er. Hemdeep Singh Ishar, AMIE & Er. Anil Kumar Shan, AMIE presented their papers on the theme of the World Engineering Day for sustainable development. All the speakers advocated that the engineers must come forward with innovative ideas so that more and more sustainable engineering marvels are constructed.

While speaking on the occasion **Er. Raheela Wani, FIE, Chief Guest** lauded the efforts of engineers in presenting wonderful papers on the theme. She advocated that education is very important and engineers need to be trained not just in technical skills but also in understanding the sustainability principles which can be possible only if SDGs are included in the engineering curricula. She also touched the role of NGOs & Private entrepreneurs in collaborating with the Governments for sustainable projects. Further, she asked engineers to keep themselves abreast with the digital tools and emerging technologies like AI, IOT (Internet of Things) and Big Data for enabling sustainable engineering solutions in present days, World.

**Er. Avneet Gupta, MIE, Honorary Secretary** conducted the proceedings of the event and presented the Vote of Thanks to the august gathering and media personnel for their active participation.



**Engineers presenting their papers on World Engineering Day for Sustainable Development**

## MEMBER IN THE NEWS

Er. Mohinder Singh Manhas, FIE; former Honorary Secretary, The Institution of Engineers (India), Jammu Local Centre was invited by Govt. of India as Special Invitee for witnessing the Republic Day Function at New Delhi on 26<sup>th</sup> January, 2025. This Local Centre is proud of Er. Manhas for bringing laurels to The Institution & Engineering fraternity as a whole.

It is pertinent to mention here that Er. Manhas is a very dedicated, hardworking & cooperative Member of Jammu Local Centre & Engineering department. This Center congratulates Er. Mohinder Singh Manhas for this glorious achievement.



## IEI celebrated Regional Language Promotion Day



The Institution of Engineers (India), Jammu Centre celebrated **Regional Language Promotion Day** on 21<sup>st</sup> February, 2025 at Institutional Complex, Sector -3, Channi Himmat, Jammu. The function was attended by Engineers from various Departments, Organizations and Senior Engineers along with Members of the Committee of IEI, Jammu Local Centre.

On this occasion, **Padma Shri Prof. Lalit Mangotra, President, Dogri Sanstha, Jammu** was the *Chief Guest* and **Er. Vageesh Sharma, President, Prime Association of Radio and Doordarshan Approved Drama Artists & A Dogri Writer** was the *Keynote Speaker* whereas **Er. Anil Verma, FIE; Chairman, IEI**

Jammu Centre presided over the function.

At the outset, Er. Anil Verma, FIE presented the *Welcome Address* and said that there are 8324 languages in the World according to UNESCO documented by the Governments. However, majority of them are getting endangered because of globalization and societal changes. He informed the audience that Year 2025 marks the Silver Jubilee of International Mother Tongue Day and this year's objective is to promote linguistic diversity, multilingual education and preservation of endangered languages. He made a special mention of Dogri language and appealed to all the people of this region to speak & make communication with Dogri language in all spheres of life so that it does not get extinct because of its decreased use year after year.

It was followed by *Keynote Address* by Er. Vageesh Sharma. In his address, he stressed upon the importance of using mother tongue in our day-to-day interaction at home as well as in the work place. He also highlighted the growth journey of Dogri language from 1974 onwards since inception of Dogri Sanstha Jammu & its introduction in academic courses of Jammu University.

Padma Shri Prof. Lalit Mangotra, *Chief Guest* dwelt upon the importance of regional languages in evolution of ethnicity, culture and civilization identity of the societies. Prof. Mangotra elucidated upon the fact that regional languages are repositories of traditional knowledge, folklore, history & their promotion helps to maintain cultural diversity and ensures that future generations remain connected to their roots. He further stressed upon the need to consolidate, strengthen, popularize and modernize the Dogri Language and Literature, so that it progresses in tandem with other Indian Languages.

**Er. Avneet Gupta, MIE, Honorary Secretary, IEI Jammu Local Centre** presented the *Vote of Thanks* to the august gathering and media personnel for active participation.

## O B I T U A R Y

### Er. K. K. Verma passes away...

Er. K. K. Verma (Pandoh), Former Chief Engineer, Power Development Department, J&K Govt. and Member of the Institution of Engineers (India) expired on 21<sup>st</sup> Feb, 2025.



Er. Verma was born on 22<sup>nd</sup> June 1940, did his engineering graduation in 1964 and joined J&K Govt. service in Power Development Department on 15<sup>th</sup> April, 1965.

It is pertinent to mention here that Er. Verma by virtue of hard work, dedication and sincerity rose to the rank of Chief Engineer in the same department and retired at the same post on 30<sup>th</sup> June, 1998. He worked on many prestigious projects related to Power Development Department.

It is worthwhile to mention here that Er Verma (Pandoh) was a very soft spoken, cooperative and sympathetic person throughout his service career and adopted the same approach even after retirement in social life.

### Er. Yudhveer Gupta passes away...

Er Yudhveer Gupta, former Superintending Engineer, Chenab Valley Power Projects and a Fellow of The Institution of Engineers (India) expired in a road accident on 16<sup>th</sup> February, 2025.



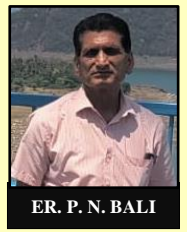
Er. Gupta was born on 27<sup>th</sup> October, 1955 & did his graduation in Electrical Engineering from REC, Srinagar (Kashmir) in 1979. He joined J&K Govt. services in Power Development Department and his first posting was in EM&RE Division Kathua (J&K) in 1981 and after serving in various wings of PDD in various capacities rose to the level of Superintending Engineer, the position on which he superannuated.

It is pertinent to mention that after retirement, Er. Gupta served as Consultant with Louis Berger and also had the distinction of serving in Jammu Smart City.

It is worthwhile to mention that Er Gupta was most humble, soft spoken and a dedicated engineer always involved for the prestigious projects which were beneficial for the general public.

### Er. P. N. Bali passes away...

Er P. N. Bali, Former Chief Engineer (Hydraulics) and Member of the Institution of Engineers (India), expired in a road accident on 16<sup>th</sup> of February, 2025.



Er. Bali was born on 21<sup>st</sup> August, 1958, did his graduation in Civil Engineering from Regional Engineering College, Srinagar (Kashmir) in August 1979. He started his service career as Junior Engineer from Doda in October, 1986 and after serving on various positions in different offices of Hydraulic Wing rose to the level of Chief Engineer; the position from where he superannuated.

It is worthwhile to mention that Er. Bali was most humble, softspoken and a dedicated upright Engineer always involved in introducing innovative changes for the betterment of engineering system. Moreover, he had involved himself in various prestigious irrigation projects.



*This Centre convened a Condolence Meeting on 27<sup>th</sup> Feb. 2025 to condole the sad passing away of the aforesaid 03 Corporate Members. Many engineers were present in this "Mourning Assembly" & all of them recalled the services rendered by all the demised engineers in their respective departments. A two minutes' silence was also observed to pray to Almighty to bestow peace upon the departed noble souls & enough fortitude to the bereaved families.*



## IEI, JAMMU CENTRE ORGANIZED LOHRI MILAN



**Members around the holy bonfire of Lohri**

The Institution of Engineers (India), Jammu Local Centre, celebrated the vibrant festival of Lohri with great zeal and enthusiasm at Institutional Complex, Sector-3, Channi Himmat, Jammu on 13<sup>th</sup> January, 2025. The event witnessed active participation from Members, making it a memorable occasion.

The celebration began with a traditional bonfire, symbolizing the essence of Lohri and the joy of harvest. Members gathered around the bonfire.

**Er Anil Verma, FIE, Chairman**, Jammu Local Centre highlighted the importance of celebrating cultural festivals to foster unity and strengthen social bonds. He emphasized the significance of Lohri as a festival that marks the end of winter and the onset of longer days, bringing prosperity and happiness to all.

Traditional snacks like peanuts, popcorn and sweets were distributed among the participating Members, creating a warm and joyful atmosphere. The event concluded with a Vote of thanks by **Er Avneet Gupta, MIE, Honorary Secretary**, Jammu Local Centre expressing gratitude to all the participants and organizers for their efforts in making the celebration a grand success.

*The Institution of Engineers (India), Jammu Local Centre continues to uphold its tradition of celebrating cultural and social events, promoting harmony and togetherness among its Members.*

## AMIE Section- A & Section – B (Summer Session) Examinations held



1. Officers of Govt. Polytechnic for Women are seen with Er. Anil Verma, FIE; Chairman & Er. Avneet Gupta, MIE; Hony. Secretary, IEI, Jammu Local Centre while visit of the later to the designated AMIE Examination Centre.
2. A view of AMIE students taking the exam at the AMIE Examination Centre, Jammu.

Examinations (Summer Session-2024) for AMIE aspirants were conducted at Govt. Polytechnic for Women, Shiv Nagar, Jammu w.e.f. 1<sup>st</sup> to 7<sup>th</sup> March, 2025. 46 candidates were registered for the examination. This Centre is grateful to the Er. Nilanjana Manwati, Principal; Officer-In-Charge of these examinations & the staff of the above said Institution for their association and cooperation for conducting the examinations smoothly.

## FORTHCOMING ACTIVITIES

### World Telecommunication & Information Society Day

(WTISD) On 17<sup>th</sup> May, 2025

Theme: "Awaited"  
&

### World Environment Day

(WED) On 05<sup>th</sup> June, 2025

Theme: "Awaited"

The interested Corporate Members, Colleague Engineers & Engineering Students are requested to submit their papers by 13<sup>th</sup> May, 2025 for WTISD & 31<sup>st</sup> May, 2025 for WED so that the same are listed for presentation. They are further requested that in their papers/power point presentations theme should be adhered to and focus should be on the local problems and new innovative ideas be suggested instead downloading the content from internet.



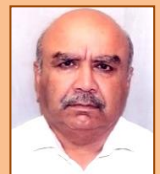
## Editorial Board



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**Er. Sumil Goyal, MIE**  
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