The Institution of Engineers (India)
U.P. State Centre, Lucknow
IEI NEWS
"A Century of Service to the Nation"

PH NO.7839572369 JULY. – SEPTEMBER., 2026

Chairman Desk



Uttar Pradesh State centre, The Institution of Engineers India, it's very first and premier State centre of the country which started as a humble beginning in 1921, celebrated its centenary and is 105 year old. It has grown and is the pride of the nation. We represent 15 engineering branches namely Agriculture, Aerospace, Architecture, Civil, Chemical, Computer, Electrical, Electronics and telecom, Environmental, Material engineering Mechanical, Mining, Marine, Production and Textile engineering. our members have diverse engineering backgrounds with rich experience which adds to its greatness are asset to the nation.

Uttar pradesh being biggest and vibrant state will be driver to the Indian dream of becoming a developed Nation.Our key areas of focus will be Agriculture n Infrastructure which contribute greatly to economic growth of the nation.

Many illustrious engineers have held this position before me, contributed immensely, have enriched this great Institution. it's a great honour for me to be the chairman of this great institution.

UP State centre will continue to strive for excellence and is prepared to take on new challenges in attaining goal of VIKSIT BHARAT.

Jai Hind

Er Vijaya Pratap Singh FIE, Chairman

India's Thorium Mission: Three-Stage Nuclear Power Plant, Technical Talk, 03/07/2026



Details of the Session: The keynote speaker, Prof. (Dr.) Usha Bajpai, Former Professor, University of Lucknow, delivered an insightful lecture on India's Three-Stage Nuclear Power Programme, highlighting the potential of thorium, nuclear fuel technology, and their role in ensuring long-term energy security and self-reliance.

Vote of Thanks: Er. N. K. Nishad, Honorary Secretary, IE(I), Uttar Pradesh State Centre, expressed gratitude to the keynote speaker and all participants for their valuable contributions and active participation.



El Niño and Global Climate
Technical Talk- 10/07/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a Technical Talk on "El Niño and Global Climate" on 10 July 2026 at Engineers Bhawan, Lucknow.

Prof. (Dr.) Bharat Raj Singh, Director General (Technical), School of Management Sciences, Lucknow, delivered the keynote address, highlighting El Niño's impact on the Indian monsoon, agriculture, water resources, and global climate.

The session was chaired by Er. V. P. Singh, Chairman, IEI U.P. State Centre. Prof. Jamal Nusrat, Convener, welcomed the speaker, and Er. N. K. Nishad, Honorary Secretary, delivered the vote of thanks.



AI in Action: From Concepts to Reality
One Day Seminar-18/07/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a One-Day Seminar on "AI in Action: From Concepts to Reality" on 18 July 2026 at Engineers Bhawan, Lucknow.

The keynote lecture was delivered by Dr. Upendra Kumar, followed by invited lectures by Dr. Shobhit Mani Tiwari and Dr. Pawan Kumar Chaurasia, who highlighted AI applications, Generative AI, data-driven decision-making, and cybersecurity. Dr. Praveen Kumar Shukla, Convener-cum-Speaker, coordinated the programme and emphasized AI research and innovation.

The seminar was presided over by Er. Masarrat Noor Khan, Former Chairman, IEI U.P. State Centre, who stressed the importance of responsible AI for technological advancement. Er. N. K. Nishad, Honorary Secretary, proposed the vote of thanks.



Modern Manufacturing Industry Technique One Day Seminar-26/07/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a One-Day Seminar on “Modern Manufacturing Industry Technique” on 26 July 2026 at Engineers Bhawan, Lucknow.

The keynote speaker, Er. G. M. Pandey, Former Unit Head, Renusagar Power Plant, Hindalco, discussed smart manufacturing, automation, Industry 4.0, energy efficiency, and quality control. Shri Vijay Yadav, Deputy General Manager (Quality), HAL Accessories Division, and Shri Saurabh Kumar, Chief Engineer (Quality), highlighted quality management and process improvement.

The seminar was chaired by Er. K. P. Tripathi, who emphasized innovation, sustainable manufacturing, and Atmanirbhar Bharat. Er. Rajesh Srivastava, Convener and Speaker, coordinated the programme, while Er. N. K. Nishad, Honorary Secretary, proposed the vote of thanks.



Introduction of Concrete Mix Design and Acceptance Criteria of Concrete, Technical Talk-01/08/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a Technical Lecture on “Introduction of Concrete Mix Design and Acceptance Criteria of Concrete” on 1 August 2026 at Engineers Bhawan, Lucknow.

The keynote speaker, Er. Manu Singh, Deputy Technical Manager, Arun Soil Lab Pvt. Ltd., Lucknow, explained concrete mix design, quality control, testing procedures, and compliance with Indian Standards IS 10262 and IS 456. Special guests Er. Niranjan Singh and Er. Arun Kumar Singh emphasized quality materials, regular testing, and durable construction.

The session was chaired by Er. Jaswant Singh, Former Honorary Secretary, IEI U.P. State Centre. Er. Harshit Kumar Srivastava coordinated the programme, and Er. N. K. Nishad, Honorary Secretary, proposed the vote of thanks.



Competency Mapping for Personality Profiling
Technical Talk- 08/07/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a Technical Lecture on "Competency Mapping for Personality Profiling" on 8 August 2026 at Engineers Bhawan, Lucknow.

The keynote speaker, Er. M. M. Khan, Director, ProLead Consultancy & Training Group, highlighted the importance of competency mapping, personality profiling, leadership, teamwork, and professional development.

The session was chaired by Er. V. P. Singh, Chairman, IEI U.P. State Centre. Er. Rajesh Srivastava coordinated the programme, while Er. N. K. Nishad, Honorary Secretary, delivered the vote of thanks.



Chemistry of Cement and Use of Blended Cement
Technical Talk- 22/08/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a Technical Lecture on "Chemistry of Cement and Use of Blended Cement" on 22 August 2026 at Engineers Bhawan, Lucknow.

The keynote speaker, Er. Murgesh Bhustali, Former Assistant Executive Director, Dalmia Cement, Chennai, discussed the chemical composition of cement, types of blended cement, and their applications in quality, durable, and sustainable construction.

The session was chaired by Er. Girivar Mohan Pandey. Er. J. B. Singh, Convener, coordinated the programme, while Er. N. K. Nishad, Honorary Secretary, proposed the vote of thanks.



REPORT ON TECHNICAL VISIT TO CSIR-NBRI, LUCKNOW,-24/08/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow, organized a technical visit to CSIR–National Botanical Research Institute (NBRI), Lucknow, to provide participants with exposure to botanical research, plant sciences, biodiversity conservation, and environmental sustainability.

During the visit, participants learned about the institute's research activities, laboratory facilities, plant conservation initiatives, and the role of scientific innovation in sustainable development. Er. N. K. Nishad, FIE, Honorary Secretary, was present along with other engineers, academicians, and staff members.

The visit provided a valuable learning experience and enhanced participants' understanding of botanical research and environmental conservation.



REPORT OF TECHNICAL VISIT TO (KORWA)-03/09/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow, organized a Technical Visit to Ordnance Factory Project Korwa, a unit of AWEIL, Kanpur, on 3 September 2026.

The visit provided engineers with practical exposure to defence production, modern engineering processes, quality control, and industrial technologies. Shri Hitendra Singh, Chief General Manager, welcomed the participants and briefed them on the factory's operations and technical capabilities.

The visit was coordinated by Er. Mahesh Chandra, Convener. Er. V. P. Singh, Chairman, IEI U.P. State Centre, emphasized the importance of industrial visits in enhancing practical knowledge, while Er. N. K. Nishad, Honorary Secretary, proposed the vote of thanks and expressed gratitude to the factory management and technical team for their cooperation and hospitality.



A Mental Trap Called Comfort Zone
Technical Talk on 05/09/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a motivational lecture on “A Mental Trap Called Comfort Zone” on 5 September 2026 at Engineers Bhawan, Lucknow.

The keynote speaker, Er. M. M. Khan, Ex-Group General Manager, NASH Engineering Group, Dubai, UAE, highlighted the importance of self-confidence, positive thinking, continuous learning, and overcoming mental barriers for personal and professional growth.

The session was presided over by Er. V. P. Singh, Chairman, IEI U.P. State Centre. Er. Jamal Nusrat coordinated the programme, while Er. N. K. Nishad, Honorary Secretary, proposed the vote of thanks.



ROYAL CHARTER DAY, Statutory Day’s 09/09/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow, celebrated “Royal Charter Day” on 9 September 2026 at Engineers Bhawan, Lucknow, highlighting the Institution’s history and contribution to the engineering profession.

The keynote speaker, Er. G. M. Pandey, Former Unit Head, Renusagar Power Plant, Hindalco, discussed the historical significance of the Royal Charter, granted to IEI on 13 September 1935, and emphasized engineering ethics, innovation, and social responsibility.

The programme was presided over by Prof. (Dr.) B. R. Singh and coordinated by Er. J. B. Singh. Er. N. K. Nishad, Honorary Secretary, proposed the vote of thanks.



59th Engineers' Day, 15/09/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow, jointly with The Institute of Marine Engineers (India), celebrated the 59th Engineers' Day on 15 September 2026 at Engineers Bhawan, Lucknow, and formally launched the IMEI Lucknow Chapter.

The Chief Guest, Shri Sandeep Kumar, Chief Engineer and Head of Department, Irrigation and Water Resources Department, Uttar Pradesh, emphasized engineering innovation and sustainable development. Er. V. P. Singh, FIE, Chairman, IEI U.P. State Centre, highlighted the vital role of engineers in nation-building and technological self-reliance.

The programme commenced with a welcome address by Er. D. K. Srivastava. Er. N. K. Nishad, Honorary Secretary and Convener, expressed gratitude to the dignitaries and participants for their valuable presence and support.



ONE DAY SEMINAR, Role of Advanced Technology and Artificial Intelligence in Chemical Processes and Petrochemical Industries , 19/09/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow, in association with the HBTU Alumni Association, Kanpur, organized a one-day technical seminar on "Role of Advanced Technology and Artificial Intelligence in Chemical Processes and Petrochemical Industries" on 19 September 2026 at Engineers Bhawan, Lucknow.

The seminar featured expert presentations on AI, automation, Digital Twin technology, sustainable materials, advanced extraction techniques, and treated water reuse. Eminent speakers from HBTU Kanpur, CSIR-CIMAP, and other institutions highlighted the importance of technological innovation, industrial efficiency, and environmental sustainability.

The seminar was presided over by Er. V. P. Singh, Chairman, IEI U.P. State Centre, and coordinated by Er. D. K. Srivastava. Er. Vivek Mishra and Er. N. K. Nishad, Honorary Secretary, IEI U.P. State Centre, expressed gratitude to all speakers, guests, and participants for making the programme successful.









OCTOBER 2026 – UPCOMING PROGRAMMES

1. 3 October 2026, Technical Talk on "The Art of Listening"
Keynote Speaker: Dr. M. M. Khan
Convener: Er. Ahmad Hussain

2. 5 October 2026, World Habitat Day
Convener: To Be Decided

3. 7 October 2026, Technical Talk on "Technological Horizons: Harnessing AI, Blockchain, and Cloud Computing for Public Sector Transformation and its Bottlenecks"
Organised in Cooperation with: IIPA (Indian Institute of Public Administration)
Keynote Speaker: Dr. Praveen Kumar Shukla

4. 9 October 2026, One Day Seminar on "Role of 5G, 6G and Cloud Technology in Healthcare"
Convener: Prof. (Dr.) Neelam Srivastava

5. 14 October 2026, World Standards Day
Convener: To Be Decided

6. 24 October 2026, One Day Seminar on "Cement: A Product Which Changed Human Life"
Convener: Er. J. B. Singh

7. 28 October 2026, Technical Visit to Uttar Pradesh SLDC
Convener: Er. Ashutosh Dixit

8. 31 October 2026, Technical Talk on "Advanced Energy Management in Electric Vehicles (EVs) Using Wireless Charging and Regenerative Braking"
Convener: Er. Anil Gupta

Organized by

The Institution of Engineers (India)
U.P. State Centre, Lucknow