



The Institution of Engineers (India)

U.P. State Centre, Lucknow

IEI NEWS

"A Century of Service to the Nation"

April – June, 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

National Maritime Day Statutory Days- 05/04/2026



The Institution of Engineers (India), Uttar Pradesh State Centre, Lucknow organized a technical lecture on "Maritime India – Empowering Progress" on 5 April 2026 at IEI Building, River Bank Colony, Lucknow, on the occasion of National Maritime Day.

Mr. Devendra Pandey, Chief Engineer, Marine Wide Shine Management, Singapore, delivered the keynote lecture and highlighted the importance of the maritime sector in India's economic growth, global trade, and sustainable development through modern technologies, Green Shipping, and Smart Ports.

The programme was chaired by Er. V. P. Singh, Chairman, IEI UP State Centre, Lucknow. Er. Anil Gupta welcomed the guests, while Er. Nirendra Kumar Nishad, Honorary Secretary, coordinated the programme and delivered the vote of thanks.

Digital Wellbeing & Cyber Security One Day Seminar- 11/04/2026



The Institution of Engineers (India), Uttar Pradesh State Centre, Lucknow organized a one-day seminar on “Digital Wellbeing and Cyber Security” on 11 April 2026 at Engineers Bhawan, River Bank Colony, Lucknow, with participation from academicians, engineers, and students.

The keynote speaker, Er. J. B. Singh, highlighted the importance of balanced and secure use of technology in the digital era. Dr. Divya Sharma spoke on “Mindful Tech: The Science Behind Digital Wellbeing” and emphasized the need for digital detox practices. Er. Rajesh Srivastava discussed the “Impact of Screen Time on Health,” while Prof. (Dr.) Neelam Srivastava delivered a lecture on “Cyber Security Awareness and Its Importance in Industrial Internet of Things (IIoT).”

The programme was chaired by Er. V. P. Singh, Chairman, IEI UP State Centre, Lucknow, who emphasized the importance of awareness and technical knowledge in combating cyber threats. The seminar was coordinated by Dr. Praveen Kumar Shukla, while Er. N. K. Nishad, Honorary Secretary, conducted the programme and delivered the vote of thanks.



Mind Mattress- A Neurological Health Awareness Technical Talk, 18/04/2026



The Institution of Engineers (India), UP State Centre, Lucknow organized a technical lecture on “Mind Matters: A Neurological Health Awareness” at Engineers’ Bhawan, Lucknow.

Dr. Dhawal Narang, Neurology Expert, delivered the keynote lecture and highlighted the importance of neurological and mental health, stress management, balanced lifestyle, and awareness in modern times.

The programme was chaired by Er. V. P. Singh, coordinated by Er. Mahesh Gupta, and conducted by Er. N. K. Nishad, Honorary Secretary, who delivered the vote of thanks.



**Wireless Architecture VLSI and Embedded Systems 2026(WAVES-2026)
One Day Seminar-21/04/2026**



The Institution of Engineers (India), UP State Centre, Lucknow organized a One Day Seminar on “WAVES-2026” focusing on Wireless Architectures, VLSI and Embedded Systems on 21 April 2026 at Engineers’ Bhawan, Lucknow.

The seminar featured expert lectures by Prof. Satendra Pal Singh, Prof. V. K. Singh, Dr. Arun Kumar Singh, Prof. Subodh Vairya, Dr. Kadim Moin Siddiqui, Dr. R. C. S. Chauhan, Er. Shahneela J. Kidwai, and Er. Jaspreet Kaur on wireless communication, VLSI design, embedded systems, cyber security, and automation technologies.

The programme was chaired by Er. V. P. Singh, while Prof. Neelam Srivastava coordinated the seminar and Er. Kalpana Maurya delivered the vote of thanks.



**Industry 4.0: Transforming the Future of Manufacturing and Technology
Technical Talk-28/04/2026**



The Institution of Engineers (India), UP State Centre, Lucknow organized a technical lecture on “Industry 4.0: Transforming the Future of Manufacturing and Technology” on 28 April 2026 at Engineers Bhawan, Lucknow.

Dr. Abhishek Kumar, Professor and Deputy Director, GCRG Group of Institutions, Lucknow, delivered the keynote lecture on Industry 4.0, automation, artificial intelligence, and digital manufacturing, highlighting their impact on productivity and technological advancement.

The programme was chaired by Er. V. P. Singh, convened by Er. Vinod Saxena, and coordinated by Er. N. K. Nishad, Honorary Secretary, who delivered the vote of thanks.



Power Vision 20247: VIKSIT BHARAT Technical Talk- 02/05/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a technical lecture on “Power Vision 2047: Viksit Bharat” on 2 May 2026 at Engineers Bhawan, Lucknow.

Er. Rakesh Goyal from Hindalco Industries Limited delivered the keynote lecture on future energy demands, renewable energy, sustainable development, and the role of advanced technologies in achieving the vision of Viksit Bharat 2047. He emphasized the importance of innovation and modern energy solutions for a developed India.

The programme was chaired by Er. V. P. Singh, coordinated by Er. M. S. Gulati, and conducted by Er. N. K. Nishad, Honorary Secretary, who delivered the vote of thanks.



Rajya Krishi Prabandhan Sansthan (RKPS), Rahman Khera, Technical Visits-03/05/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a special technical visit to Rajya Krishi Prabandhan Sansthan (RKPS), Rehmankheda, Lucknow on 3 May 2026.

The visit was coordinated by Dr. Saiyed Irfan Anwar, who led a team of 23 members to explore modern agricultural practices, innovative farming techniques, and sustainable technologies. The team was welcomed by Director Er. R. K. Singh, who shared insights on advanced agriculture systems and government initiatives for farmers' welfare.

The programme was attended by Er. V. P. Singh, Chairman, and Er. N. K. Nishad, Honorary Secretary, who delivered the vote of thanks. The visit was highly informative and appreciated by all participants.



Patent Laws and Copyright Protection Technical Talk,-09/05/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a technical lecture on “Patent Laws and Copyright Protection” on 9 May 2026 at Engineers Bhawan, Lucknow.

Advocate Mr. Raj Vikram Singh, Solicitation and Arguing Counsel, delivered the keynote lecture and highlighted the importance of Intellectual Property Rights (IPR), patent laws, copyright protection, and legal awareness for engineers, researchers, and entrepreneurs.

The programme was chaired by Prof. (Dr.) Bharat Raj Singh, coordinated by Er. K. P. Tripathi, and conducted by Er. N. K. Nishad, Honorary Secretary, who delivered the vote of thanks.



World Telecommunication and Information Society Day Statutory Days- 17/05/2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a technical lecture on “Digital Lifelines: Strengthening Resilience in a Connected World” on 17 May 2026 at IEI Building, Lucknow, on the occasion of World Telecommunication and Information Society Day.

Mr. Mayur Srivastava delivered the keynote lecture on digital communication, cyber security, AI, cloud computing, and the importance of secure digital networks in modern society and crisis management.

The programme was chaired by Prof. (Dr.) Bharat Raj Singh, while Er. N. K. Nishad, Honorary Secretary, introduced the keynote speaker and delivered the vote of thanks.



Technical Talk on “Optimization of Power Plant – A Case Study” 23 May 2026



The Institution of Engineers (India), UP State Centre, Lucknow organized a Technical Talk on “**Optimization of Power Plant – A Case Study**” on **May 23, 2026** at Engineers Bhawan, Lucknow.

The programme was inaugurated by **Er. V. B. Singh**, Immediate Past President, IE(I), who highlighted the importance of improving power plant efficiency through modern technologies and energy conservation.

The keynote lecture was delivered by **Er. M. M. Khan**, Former Group General Manager, NASH Engineering Group, Dubai, who discussed power plant optimization, advanced technologies, and efficient management practices.

The session was chaired by **Er. V. P. Singh**, Chairman, IEI UP State Centre, Lucknow. **Er. Syed Ahsan Mehdi Taqvi** attended as Special Guest. The programme was convened by **Er. R. K. Srivastava**, while the Vote of Thanks was delivered by **Er. N. K. Nishad**, Honorary Secretary.



Technical Talk on “Good Health and Well-Being” 30 May 2026



The Institution of Engineers (India), UP State Centre, Lucknow organized a Technical Talk on “**Good Health and Well-Being**” on **May 30, 2026** at Engineers Bhawan, Lucknow.

The keynote lecture was delivered by **Dr. Charu Rawat**, Amity University, who highlighted the importance of balanced nutrition, mental well-being, healthy lifestyles, and the role of technology in improving healthcare services and achieving the United Nations Sustainable Development Goals (SDGs).

The session was chaired by **Er. Masarrat Noor Khan**, Past Chairman, IEI UP State Centre, Lucknow, who emphasized that good health is essential for national development. The programme was convened by **Er. K. P. Tripathi**, while the **Vote of Thanks** was delivered by **Er. N. K. Nishad**, Honorary Secretary, IEI UP State Centre, Lucknow.



Technical Lecture on “A Global Call for Climate Action”- WORLD ENVIRONMENT DAY, 05 june 2026



The Institution of Engineers (India), Uttar Pradesh State Centre, Lucknow organized a Technical Lecture on “A Global Call for Climate Action” on the occasion of World Environment Day at Engineers Bhawan, Lucknow.

The keynote lecture was delivered by **Dr. Awadhesh Kumar Singh**, Honorary Professor, Centre for Environment and Sustainable Development, Maharaja Agrasen University, Solan, who highlighted climate change, environmental conservation, sustainable development, and the importance of renewable energy and green technologies.

The session was chaired by **Prof. (Dr.) Bharat Raj Singh**, Past Chairman, IEI UP State Centre, Lucknow, who emphasized the need for collective efforts towards environmental protection and sustainable development. The programme was convened by **Dr. A. K. Gupta**, and the **Vote of Thanks** was proposed by **Dr. Jaswant Singh**, Former Honorary Secretary.



Prospect of Power Scenario in Uttar Pradesh: Present and Vision 2047- ONE DAY SEMINAR, 12 june 2026



The Institution of Engineers (India), Uttar Pradesh State Centre, Lucknow organized a one-day seminar on “Prospect of Power Scenario in Uttar Pradesh: Present and Vision 2047” on 12 June 2026 at Engineers Bhawan, Lucknow. The seminar focused on the future power requirements of Uttar Pradesh, renewable energy, smart grids, energy security, and Vision 2047. The programme was inaugurated by **Er. V. B. Singh**, Immediate Past President, IE(I), who emphasized the importance of modern power infrastructure, renewable energy, and energy efficiency for achieving Vision 2047.

The keynote lecture was delivered by **Er. Ashutosh Dixit**, Retired Chief Engineer, UPPTCL, on the future power transmission network up to 2030 and 2047. **Dr. Awadhesh Kumar Gupta**, Director, State Transformation Commission, spoke on environmental concerns in power generation, while **Er. Rakesh Goel**, Freelance Consultant, discussed power generation challenges and future energy security. **Er. G. M. Pandey**, Unit Head, Renusagar Power Division, Hindalco, delivered an expert lecture on power infrastructure development and industrial energy requirements for Vision 2047.

The seminar was presided over by **Er. V. P. Singh**, Chairman, IEI Uttar Pradesh State Centre, Lucknow, who highlighted the need for a reliable and sustainable power system. The programme was coordinated by **Er. G. M. Pandey**, Convener-cum-Speaker, and the **Vote of Thanks** was proposed by **Er. N. K. Nishad**, Honorary Secretary, IEI Uttar Pradesh State Centre, Lucknow.

Technical Visit to Arun Soil Lab Private Limited, 17 June 2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a **Technical Survey Visit to Arun Soil Lab Private Limited, Lucknow on 17 June 2026.**

The participants were welcomed by **Mr. Arun Singh**, Managing Director. **Er. Anurag Kapoor** delivered an expert lecture on geotechnical investigation and soil testing, while **Er. Niranjana Singh** highlighted the importance of industry–institution collaboration.

The visit was led by **Er. V. P. Singh**, Chairman, IEI U.P. State Centre, Lucknow. Participants observed modern laboratory testing facilities and quality control practices. The **Vote of Thanks** was proposed by **Er. N. K. Nishad**, Honorary Secretary.



Technical Lecture on “Repair, Maintenance and Improvement of R&D Equipments”, 19 June 2026



The Institution of Engineers (India), U.P. State Centre, Lucknow organized a **Technical Lecture on “Repair, Maintenance and Improvement of R&D Equipments”** at Engineers Bhawan, Lucknow.

The keynote lecture was delivered by **Shri Jai Chand**, Senior Technical Officer-II, CSIR-NBRI, Lucknow, who highlighted the importance of repair, maintenance, and technological upgradation of R&D equipment for improving efficiency and reliability.

The session was chaired by **Er. V. P. Singh**, Chairman, IEI U.P. State Centre, Lucknow. The programme was conducted by **Er. G. M. Pandey**, Convener, and the **Vote of Thanks** was proposed by **Er. N. K. Nishad**, Honorary Secretary.



All India Seminar on “Sources of Planet Energy, Environmental & Disaster Science (SPEEDS): Hills Ecosystem and Human Survival”, 27 & 28 June 2026



The Institution of Engineers (India), Uttar Pradesh State Centre, Lucknow, in collaboration with the School of Management Sciences (SMS), Lucknow, organized a two-day All India Seminar on “Sources of Planet Energy, Environmental & Disaster Science (SPEEDS): Hills Ecosystem and Human Survival” on 27–28 June 2026. The seminar focused on sustainable energy, environmental conservation, climate change, disaster management, and the protection of hill ecosystems.

The seminar was inaugurated by **Dr. Rajendra Singh (Waterman of India)**, who emphasized water conservation, ecological restoration, and the sustainable use of natural resources. **Prof. (Dr.) Ashish Bhatnagar** welcomed the participants and highlighted the importance of multidisciplinary research, while **Er. Vijaya Pratap Singh** stressed the role of professional institutions in promoting engineering innovation and sustainable development. **Dr. P. K. Singh** introduced the seminar theme and explained its relevance to present environmental challenges.

On the first day, **Dr. Prashant Singh** spoke on the rejuvenation of River Ganga and pollution control. **Prof. (Dr.) Jyotsna Singh** discussed renewable energy and the global energy transition. **Prof. (Dr.) Pramod Kumar Singh** highlighted climate-resilient agriculture and soil carbon sequestration, while **Dr. Upendra Kumar**

explained the applications of Artificial Intelligence in energy, environment, and disaster management.

During the second day, **Dr. Sarvesh Rai** presented ecological risk assessment of industrial waste, **Dr. Prem Shanker Yadav** explained AI-based monitoring of hill ecosystems, **Dr. Pooja Srivastava** discussed advanced materials for sustainable hydrogen storage, and **Dr. Shailendra Kumar Yadav** highlighted the importance of conserving hill ecosystems for human survival.

The valedictory session was graced by **Dr. Harikesh Bahadur Singh**, who emphasized environmental protection and sustainable development. **Prof. (Dr.) Bharat Raj Singh** summarized the key outcomes of the seminar and stressed the need for interdisciplinary research and environmental responsibility. The programme was successfully coordinated by **Dr. Arunesh Kumar Srivastava**, Convener, SPEEDS-2026, and the **Vote of Thanks** was proposed by **Er. N. K. Nishad**, Honorary Secretary, IEI Uttar Pradesh State Centre, Lucknow.

UPCOMING EVENTS

1. 18 July 2026, One Day Seminar on “AI in Action: From Concepts to Reality” Convener: Dr. Praveen Kumar Shukla
2. 26 July 2026, One Day Seminar on, “Modern Manufacturing Industry Techniques” Convener: Er. Rajesh Srivastava
3. 15 Aug. 2026, “Independence Day”
4. 29 Aug. 2026, One Day Seminar on, “ROLE OF 5G, 6G and Cloud Technology in Healthcare” Convener: Prof (Dr) Neelam Srivastava
5. 05 Sep. 2026, One Day Seminar on, “ROLL OF ADVANCE NEW TECHNOLOGY AND AI IN CHEMICAL PROCESS PETROCHEMICAL ENGINEERING” Convener: Er D K Srivastava
6. 09 Sep. 2026, Statutory Days, “Royal Charter Day”
7. 15 Sep. 2026, Statutory Days, “Engineer’s Day”

