



ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT



**INSTITUTE OF ENGINEERING AND TECHNOLOGY
SITAPUR ROAD, LUCKNOW**

DEPARTMENTAL MAGAZINE 2024-2025





ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT



**INSTITUTE OF ENGINEERING AND TECHNOLOGY
SITAPUR ROAD, LUCKNOW**

ANNUAL REPORT (2024-25)

**INTELLIGENCE IS NOT JUST KNOWLEDGE IT'S
IMAGINATION. WE INNOVATE, WE SIMPLIFY,
WE CREATE MAGIC IN OUR DESIGN!! YOU WILL
SURELY FIND A PLACE IN THE TECH ARMY.
UNTIL THEN. BE WITTY, BE WISE...**





ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT



INSTITUTE OF ENGINEERING AND TECHNOLOGY SITAPUR ROAD, LUCKNOW

The Electronics & Communication Engineering Department of the Institute of Engineering and Technology, Lucknow was established in year 1984. Initially department started under-graduate programme and gradually started postgraduate programs and research work. The department has experienced and well qualified faculty. Faculty members are actively involved in research activities and have many research publications in national and international journals and have participated in international & national conferences. Faculty members have also undertaken sponsored research projects. In consonance with the rapidly evolving technology, specialized laboratories have been established with a view to strengthening research and development. Equipped with state-of-art equipment and instruments, these assist students in learning various concepts through practical experience.





ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

INSTITUTE OF ENGINEERING AND TECHNOLOGY

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VISION

To produce manpower in the field of Electronics and Communication Engineering, capable to compete with that elsewhere and to make the department a center of excellence in the field of Signal Processing and Microelectronics.

MISSION

- M1:** To develop the ability among students and understand concepts of core graduate electronics and communication engineering.
- M2:** To create center of Excellence to meet global research and development challenges
- M3:** To build student community with professional and ethical standards in thrust areas so as to meet industry requirements.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- PEO1:** Graduates of the programme will have an educational experience that inspires them to exhibit leadership and team building skills and have successful careers in their chosen technical or professional domain.
- PEO2:** Graduates of the programme will continue to learn and adapt in a constantly evolving society and contribute to the society in a professional and ethical manner.
- PEO3:** Graduates of the programme will inculcate good technical and professional knowledge according to requirements of industries and higher studies.
- PEO4:** To inculcate the spirit of innovation / creativity, independent thinking, risk taking ability, entrepreneurship and attitude to approach challenges with confidence.

PROGRAM SPECIFIC OBJECTIVES (PSOS)

- PSO1:** An ability to understand the concepts of basic Electronics & Communication Engineering and to apply them to various areas like Signal processing, VLSI, Embedded systems, Communication Systems, Digital & Analog Devices, etc.
- PSO2:** An ability to solve complex Electronics and Communication Engineering problems, using latest hardware and software tools, along with analytical skills to arrive cost effective and appropriate solutions.
- PSO3:** Wisdom of social and environmental awareness along with ethical responsibility to have a successful career and to sustain passion and zeal for real-world applications using optimal resources as an Entrepreneur.



ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT



**INSTITUTE OF ENGINEERING AND TECHNOLOGY
SITAPUR ROAD, LUCKNOW**

DEPARTMENT FACULTY MEMBERS 2024-25

Name	Designation
Dr. Subodh Wairya	Professor & HOD
Dr. Neelam Srivastava	Professor
Dr. Ram Chandra Singh Chauhan	Associate Professor
Er. Amit Kumar	Assistant Professor
Dr. Rajiv Kumar Singh	Assistant Professor
Dr. Divya Sharma	Assistant Professor (Contractual)
Er. Anurag Yadav	Assistant Professor (Contractual)
Dr, Abhishek	Guest Faculty
Dr. Narendra Pal	Guest Faculty
Er. Shahneela Jamal Kidwai	Guest Faculty
Dr. Roopali Agrawal	Guest Faculty
Er. Km Kanchan	Guest Faculty



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**INSTITUTE OF ENGINEERING AND TECHNOLOGY
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SOCIETY FOR ELECTRONICS EXPLORATION & DEVELOPMENT (SEED)

With the vision in mind to grant education of the highest quality to the students currently studying in the electronics department of Institute of Engineering And Technology, Lucknow, the SEED Society was established. It took roots in the year 2014 and has been nurturing young brains ever since in developing a comprehensive approach towards the learning of robotics and advanced circuitry. The society involves pursuing career-oriented activities and courses that develop an individual to take on the fierce competition of the corporate world.



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EXECUTIVE COMMITTEE SEED SOCIETY

Following students of III year have been nominated as the members of Executive Committee of SEED for the session 2024-25

Name	Branch	Post
Sarthak Sachan	EC/3rd	Coordinator
Bhanavee Tripathi	EI/3rd	Coordinator
Sparsh Gupta	EC/3rd	Co-Coordinator
Nikita	EC/3rd	Co-Coordinator
Harshit Agarwal	EC/3rd	Treasurer
Devansh Malik	EC/3rd	Member
Shreyansh Rai	EC/3rd	Member
Paridhi Agarwal	EC/3rd	Member
Ashutosh Kumar Singh	EC/3rd	Member
Aman Kushwaha	EI/3rd	Member
Prashant Verma	EI/3rd	Member
Prabodhini Singh	EI/3rd	Member
Samridh Gupta	EC/3rd	Member
Raj Dwivedi	EC/3rd	Member
Shreyansh Singh	EC/3rd	Member
Ayesha Noor	EC/3rd	Member



ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

INSTITUTE OF ENGINEERING AND TECHNOLOGY
SITAPUR ROAD, LUCKNOW



SOCIETY FOR ELECTRONICS EXPLORATION AND DEVELOPMENT

PRESENTS



IET'S TECHNICAL HEIST



THE IET'S TECH FEST
AnkuRan^{'24}

DATES: 12,13,14 NOVEMBER



Organized By

Electronics & Communication Engineering Department

Under The Banner Of

Society for Electronics Exploration & Development (SEED)

And

IEEE-WIE Affinity Group, IET Lucknow



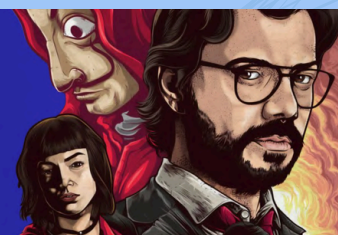
ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

**INSTITUTE OF ENGINEERING AND TECHNOLOGY
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ANKURAN-2024

ANKURAN 2024 - a three day Technical & Cultural Festival organized by Electronics & Communication Engineering Department under the banner of Society for Electronics Exploration & Development (SEED) and IEEE WIE Group to help students showcase their talent in the field of technology. Ankuran is the only dedicated Techfest of the institute organized and managed by the students of ECE branch. This year festival was sponsored by Kalakriti Bazar-The Art and Craft Exhibitors. Ankuran-2024 hosted diverse technical events including Robo Race, Robo Soccer, Robo Sumo, Water Bottle Rocket etc. and comprehensive hackathons covering both software and hardware development. Various cultural events like Singing, Dancing, Rangoli Making, Poster Making, Stand-up Comedy and sports events like Cricket, Football, Volleyball, Badmitnon, Treasure Hunt etc. were also organized in this festival. In the series of activities organized in this festival, under the IEEE WIE Section, department hosted an Art And Craft Exhibition organized by Kalakari Bazar on 13 and 14 November 2024 in which the students, faculties and residents of institute showed their active presence and appreciated the work of stall organizers. This exhibition encouraged women empowerment in small scale industries and promoted innovation in Women Entrepreneurship & Innovation. This festival ended with the hosting of a huge poetic event The Kavi Sammelan, inaugurated in the Shri Ram Prasad Bismil Auditorium of the Institute on 13th November, 2024. The famous poets of humor, laughter, bravery, magic and makeup connected with the crowd in auditorium by their special presentations and made this event a great success. The exhibition and poetry conference were the main center of attraction of this technical fest.





ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

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INAUGURATION

On 12th November, 2024 the festival was inaugurated by Director of institute Dr. Vineet Kansal, Head of Department Prof. Subodh Wairya, IEEE Branch Counsellor Prof. Neelam Srivasatava, SEED Coordinator Dr. RCS Chauhan and other esteemed faculties of institute. Festival begins with lamp lighting and Sarasvati Vandana. Director addressed the students and wished for the success of the festival. Prof. Subodh Wairya briefed about the activities being organized in this festival and about the importance of this festival for the benefit of students. He also told that how this festival is organised every year to let students of institute to show their skills.





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ANKURAN-2024

KALAKRITI BAZAAR - ART & CRAFT EXHIBITION

The Society for Electronics Exploration & Development (SEED) & IEEE Women in Engineering (WIE) Section, jointly hosted the Kalakriti Bazar - Art and Handicraft Exhibition on November 13 and 14, 2024, at IET Lucknow. This vibrant event attracted active participation from students, faculty, and local residents, who engaged with the diverse range of handcrafted products on display. The exhibition showcased the talents of women artisans, highlighting their contributions to preserving traditional crafts and promoting innovation in women's entrepreneurship. By providing a platform for these artisans, the event underscored the importance of supporting small-scale industries and empowering women through creative expression and economic independence.





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ANKURAN-2024

KAVI SAMMELAN - THE POETIC NIGHT

The Kavi Sammelan was inaugurated on November 13, 2024, at the Shri Ram Prasad Bismil Auditorium of the Institute. Renowned poets specializing in humor, satire, valor, and romanticism captivated the audience with their engaging performances. Their unique presentations fostered a deep connection with the attendees, making the event a resounding success.





**ELECTRONICS & COMMUNICATION
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ANKURAN-2024

CULTURAL EVENTS



RANGOLI MAKING



DANCING



POETRY



NUKKAD NATAK



BAND CONCERT



SINGING

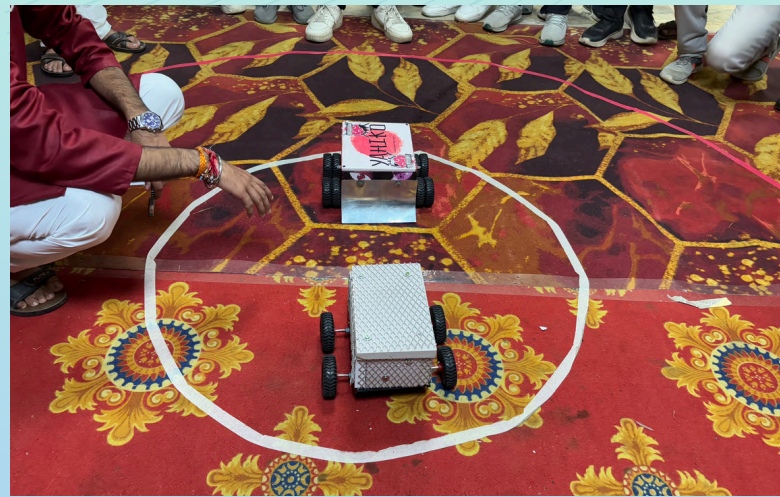


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ANKURAN-2024

TECHNICAL EVENTS



ROBO SUMO



ROBO RACE



ROBO SOCCER



**WATER BOTTLE
ROCKET**



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SITAPUR ROAD, LUCKNOW



ANKURAN-2024

SPORTS EVENTS



CUP TOWER



FOOTBALL



CRICKET



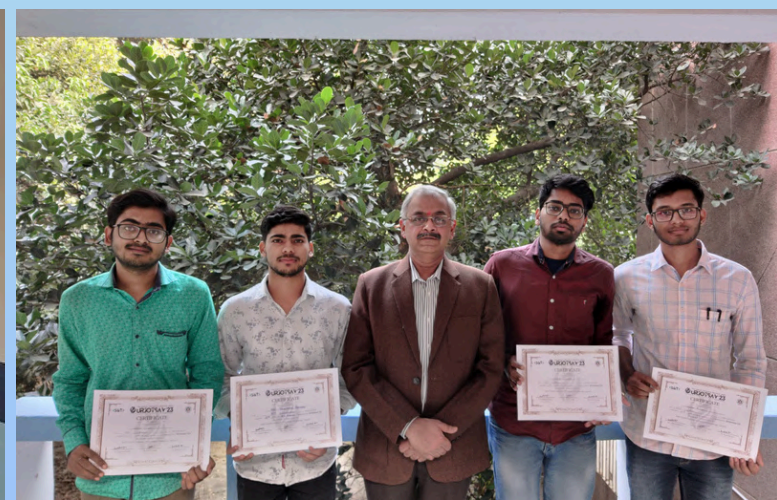
TREASRE HUNT



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SITAPUR ROAD, LUCKNOW



ANKURAN-2024 PRIZE DISTRIBUTION



INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS



(IEEE) STUDENT BRANCH (STB62961)

**INSTITUTE OF ENGINEERING AND TECHNOLOGY
SITAPUR ROAD, LUCKNOW**



The **IEEE Student Branch** at IET Lucknow continues to be a vibrant hub of technological enthusiasm and professional development. Guided by the vision of advancing technology for humanity, the branch actively engages students in meaningful activities beyond the classroom. Throughout the academic year, the branch has successfully organized a wide range of events, including expert lectures by industry leaders, panel discussions on emerging technologies, and technical competitions that challenge creativity and innovation.

Student-led innovation programs and idea contests have encouraged young minds to think critically and propose impactful solutions to realworld problems. These initiatives not only build technical competence but also enhance confidence, teamwork, and leadership. The branch is led by Er. Pallavi Pant (Chairperson) and supported by Prof. Neelam Srivastava (Branch Counselor) and Prof. Vineet Kansal (Director & Patron), whose continuous encouragement has strengthened its activities.

With a focus on lifelong learning, IEEE IET Lucknow remains committed to building a strong community of engineers who are ready to lead in the ever-evolving world of technology.

The world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

Discover a community that: -

- ❖ Connects Brilliant minds
- ❖ Inspires the next generation
- ❖ Builds a global network



IEEE WOMEN IN ENGINEERING SECTION AFFINITY GROUP



WIE SBA62961

**INSTITUTE OF ENGINEERING AND TECHNOLOGY
SITAPUR ROAD, LUCKNOW**



IEEE WIE AFFINITY GROUP

In line with its vision to promote diversity and inclusion in STEM, the IEEE Student Branch at IET Lucknow proudly launched its Women in Engineering (WIE) Affinity Group. This initiative is part of IEEE's global mission to empower women in science, technology, engineering, and mathematics. The WIE Affinity Group aims to create a supportive ecosystem where female students can learn, lead, and grow. It focuses on

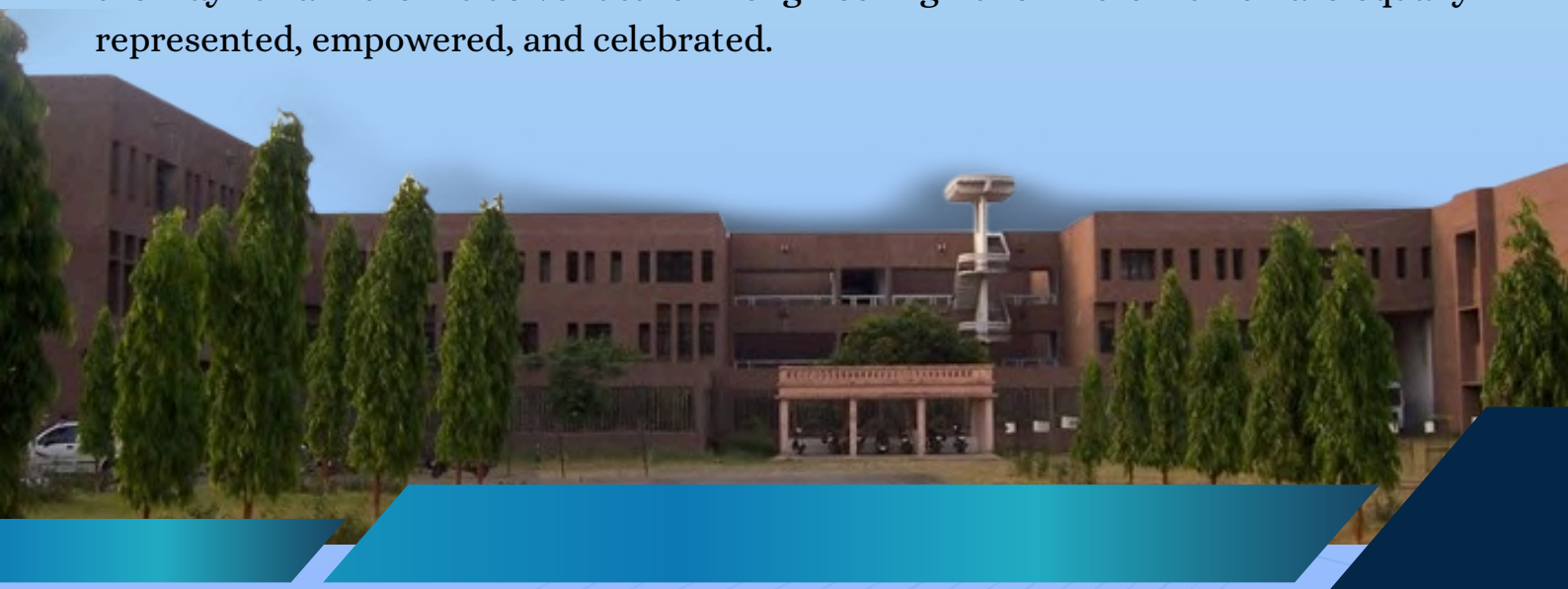
mentorship, technical skill-building, and inspiring the next generation of women in engineering.

Under the guidance of Prof. Neelam Srivastava (WIE Advisor) and Mrs. Jaspreet Kaur (Chair – WIE), the group is committed to organizing impactful events and outreach activities.

Key initiatives for 2025 include:

- Mentorship programs with women professionals and IEEE leaders
- Coding and robotics workshops for schoolgirls
- Hands-on technical sessions in AI, IoT, and circuit design
- Talks by successful women engineers to inspire students

By fostering confidence and providing opportunities, WIE IET Lucknow is paving the way for a more inclusive future in engineering—one where women are equally represented, empowered, and celebrated.

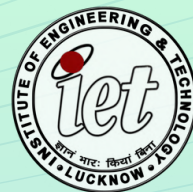


INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS



(IEEE) STUDENT BRANCH (STB62961)

**INSTITUTE OF ENGINEERING AND TECHNOLOGY
SITAPUR ROAD, LUCKNOW**



IEEE Student Branch STB62961 – IET Lucknow 2024 Office Bearers

Name	Position
Prof. Vineet Kansal, Director	Patron
Dr. Neelam Srivatava	Counsellor
Dr. Seethalekshmi K.	Dean
Anurag Yadav	Department Chair
Pallavi Pant	Chair
Kirti Prakash	Vice Chair
Jaspreet Kaur	Vice Chair
Sheetal Singh	Secretary
Rahul Singh	Treasurer
Km Akhya Pandey	Webmaster

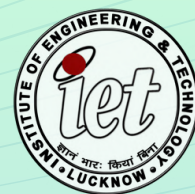


INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS



(IEEE) STUDENT BRANCH (STB62961)

**INSTITUTE OF ENGINEERING AND TECHNOLOGY
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**IEEE STUDENT BRANCH STB62961 POSITION
HOLDERS 2024**



Prof. Neelam Srivastava
Counselor



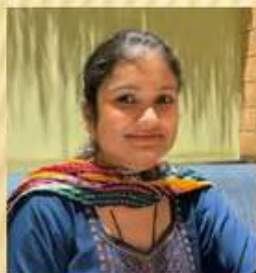
Dr. Seethalekshmi K
Dean



Er. Pallavi Pant
Chair



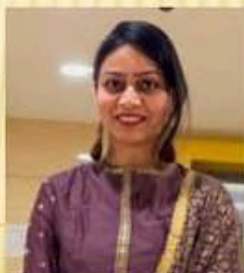
Er. Anurag Yadav
Department
Chair



Er. Kirti Prakash
Vice-Chair



Er. Jaspreet Kaur
Vice-Chair



Er. Sheetal Singh
Secretary



Er. Rahul Singh
Treasurer



Er. Akhya Pandey
Webmaster



IEEE WOMEN IN ENGINEERING SECTION AFFINITY GROUP

WIE SBA62961

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IEEE WIE Affinity Group SBA62961 – IET Lucknow 2024 Office Bearers

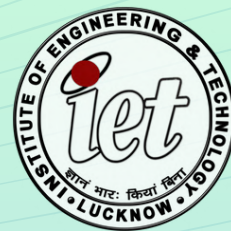
Name	Position
Dr. Neelam Srivatava	Advisor
Er. Jaspreet Kaur	Chairperson
Er. Pooja Nishad	Vice Chair - Technical Activities
Er. Sheetal Singh	Secretary/Webmaster
Er. Maneesha Dwivedi	Treasurer
Er. Namrata Singh	Webmaster



IEEE WOMEN IN ENGINEERING SECTION AFFINITY GROUP

WIE SBA62961

INSTITUTE OF ENGINEERING AND TECHNOLOGY
SITAPUR ROAD, LUCKNOW



IEEE AFFINITY GROUP SBA62961 WIE POSITION HOLDERS 2024



Prof. Neelam
Srivastava
Advisor



Er. Jaspreet Kaur
Affinity Group
Chair



Er. Pooja Nishad
Vice-Chair
/Technical
Activities



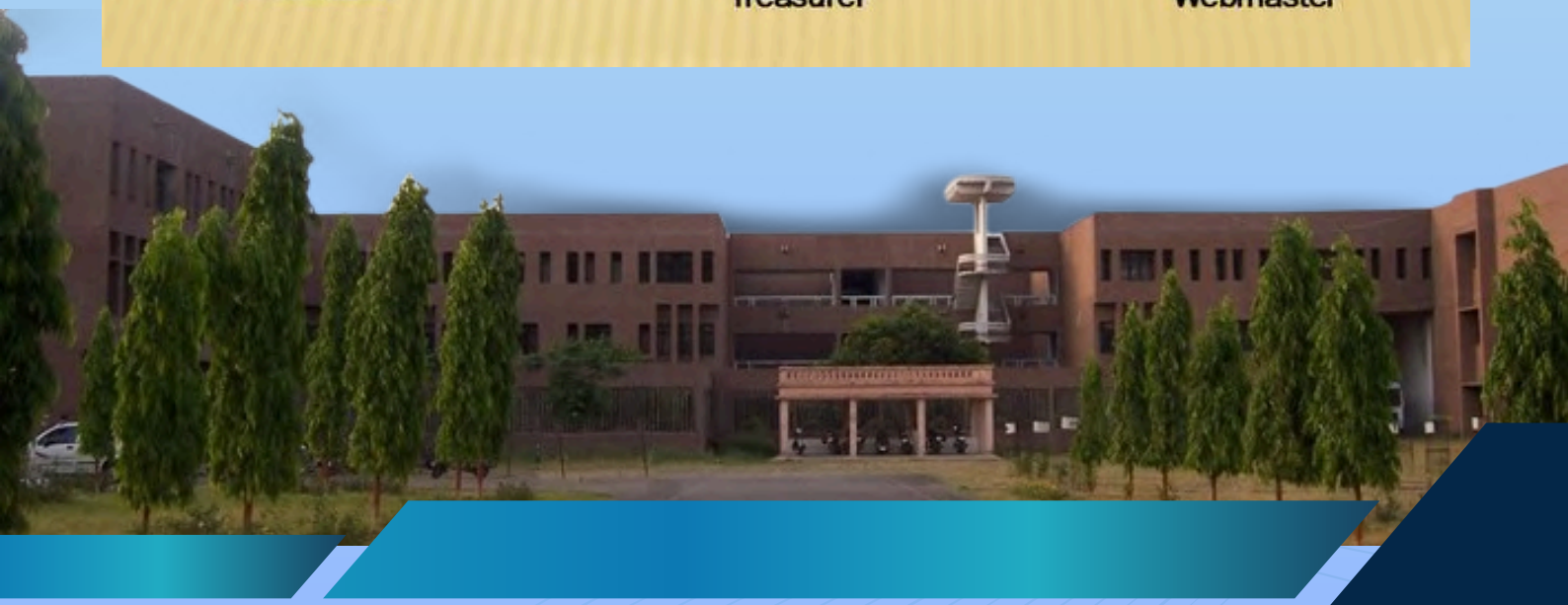
Er. Sheetal Singh
Secretary /
Webmaster

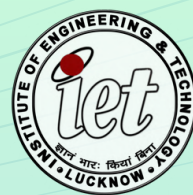


Er. Maneesha
Dwivedi
Treasurer



Er. Namrata
Singh
Webmaster





Activities held by IEEE Student Branch & WIE Affinity Group

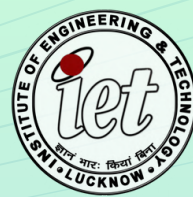


World Telecommunication & Information Society Day

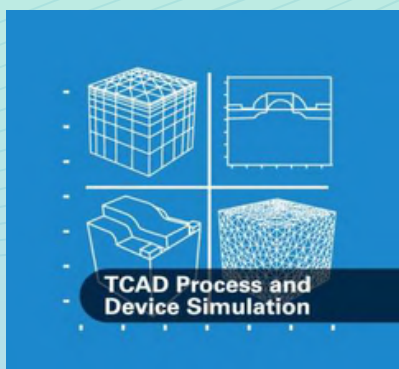


IEEE WOMEN IN ENGINEERING DAY

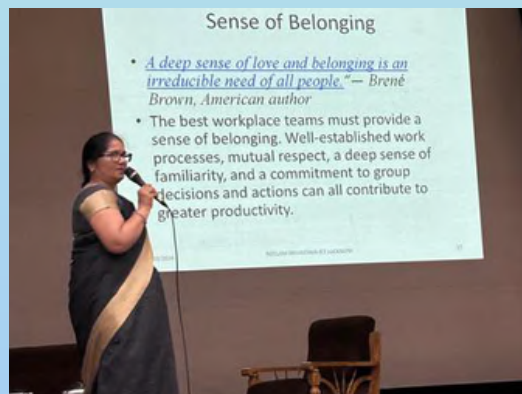
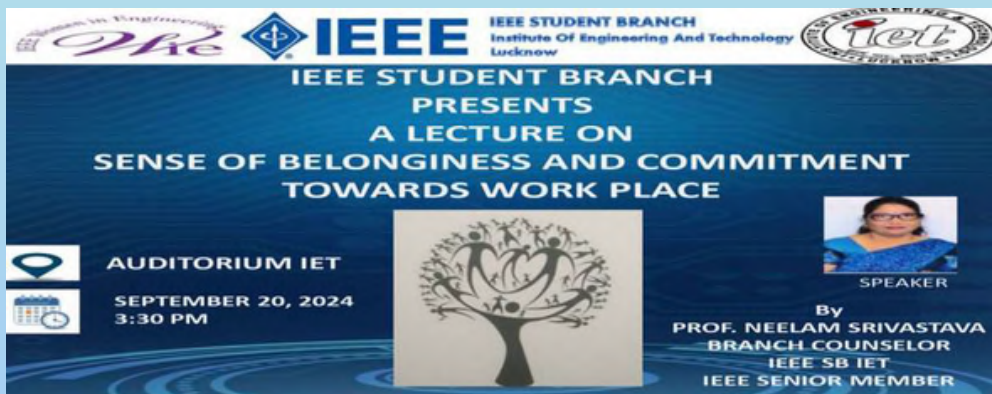




Activities held by IEEE Student Branch & WIE Affinity Group

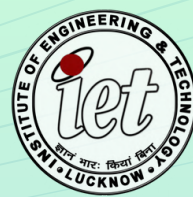


A SEMINAR ON TCAD ATLAS SILVACO TOOL FOR SEMICONDUCTOR DEVICE SIMULATION



SENSE OF BELONGINGNESS AND COMMITMENT IN THE WORKPLACE





Activities held by IEEE Student Branch & WIE Affinity Group

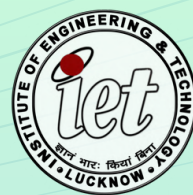


IEEE DAY 2024: LEVERAGING TECHNOLOGY FOR A BETTER TOMORROW



LEVERAGING TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT



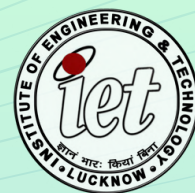


Activities held by IEEE Student Branch & WIE Affinity Group



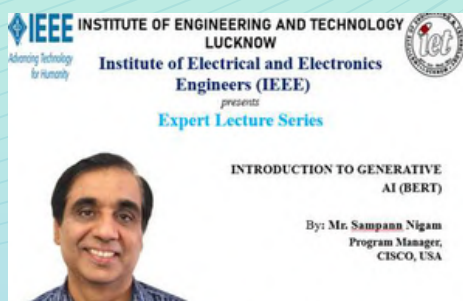
FEMALE HEALTH





Activities held by IEEE Student Branch & WIE Affinity Group

EXPERT LECTURE SERIES



Expert Talk 1: 13th November 2024
Speaker: Mr. Sampann Nigam, Program Manager at CISCO, USA
Topic: Introduction to Generative AI (BERT)



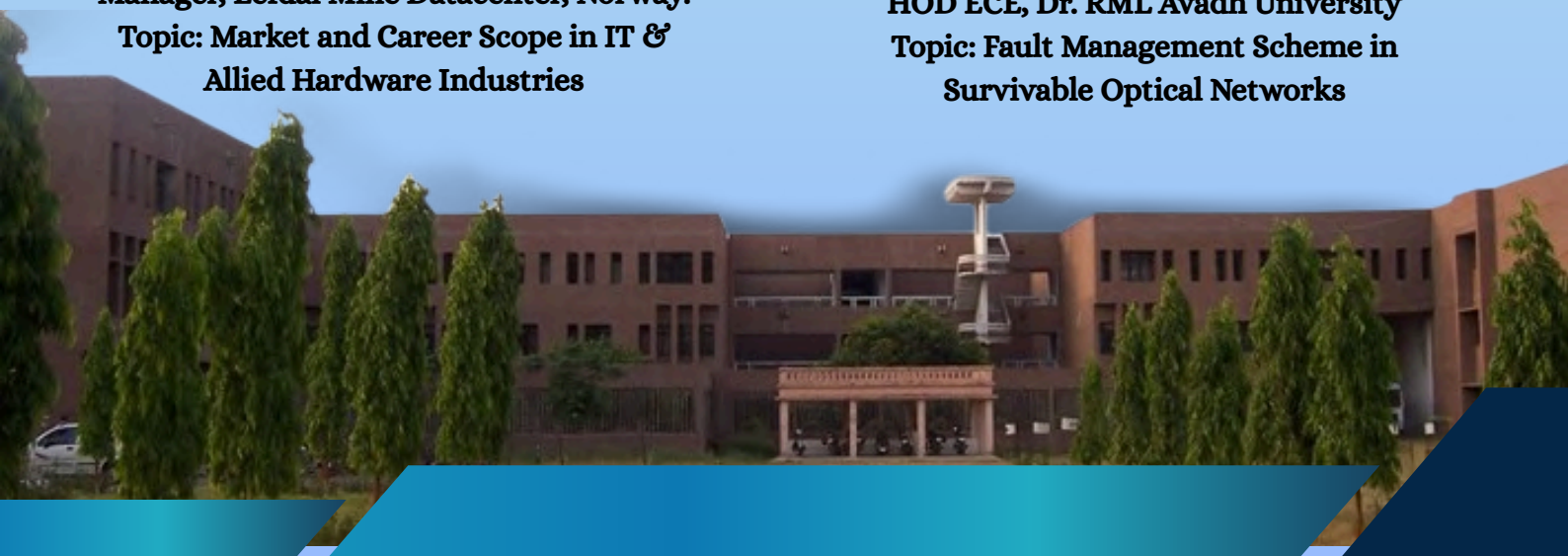
Expert Talk 2: 18th December 2024
Dr. Arun Kumar Singh, Dean Academics, HOD Electronics Engineering, REC Kannauj
Topic: Fundamentals of Semiconductor Memories

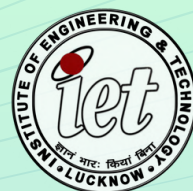


Expert Talk 3: 21st December 2024
Speaker: Mr. Gaurav Dixit, Strategic Alliances Manager, Lefdal Mine Datacenter, Norway.
Topic: Market and Career Scope in IT & Allied Hardware Industries



Expert Talk 4: 23rd December 2024
Speaker: Dr. Ashutosh Kumar Singh, HOD ECE, Dr. RML Avadh University
Topic: Fault Management Scheme in Survivable Optical Networks





Activities held by IEEE Student Branch & WIE Affinity Group

EXPERT LECTURE SERIES

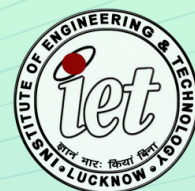


Expert Talk 5: 28th December 2024

Speaker: Dr. Rajiv Kumar Singh, Assistant Professor, ECE Department, IET Lucknow

Topic: Assessment of Electromagnetic Field Radiation from Cellphone Towers



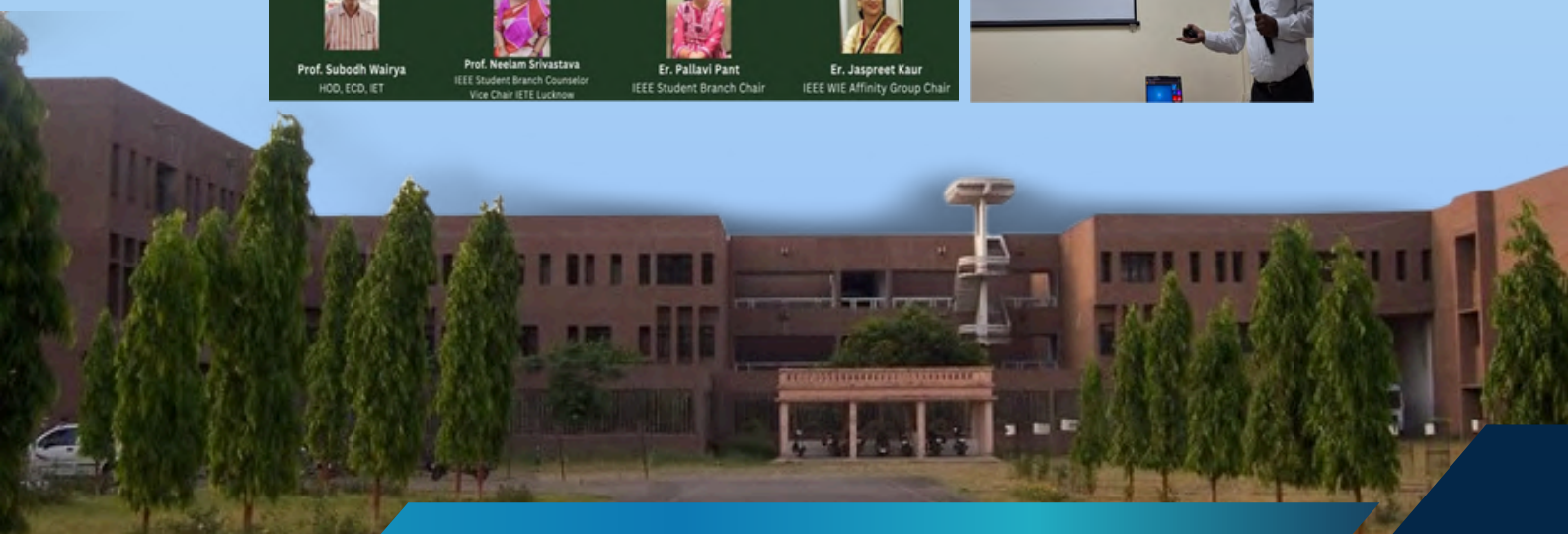


Activities held by IEEE Student Branch & WIE Affinity Group

World Environment Day Celebration with Plantation on 5th June 2025

On the occasion of World Environment Day 2025, the IEEE Student Branch STB62961 and IETE Lucknow Centre jointly organized an awareness event at the Institute of Engineering and Technology (IET), Lucknow. The theme for this year is “End Plastic Pollution”, emphasizing global action to combat one of the most pressing environmental challenges.

The event was inaugurated by Prof. Vineet Kansal, Director, IET Lucknow, who stressed the importance of institutional efforts in environmental conservation. Prof. Subodh Wairya, Head of the ECE Department, highlighted how technology and sustainable innovation can be merged for eco-friendly outcomes. Prof. Neelam Srivastava, IETE Vice Chair and IEEE Branch Counselor, and Dr. Arun Kumar Singh, Chairman, IETE Lucknow Centre, shared their views on interdisciplinary collaboration to address environmental degradation.

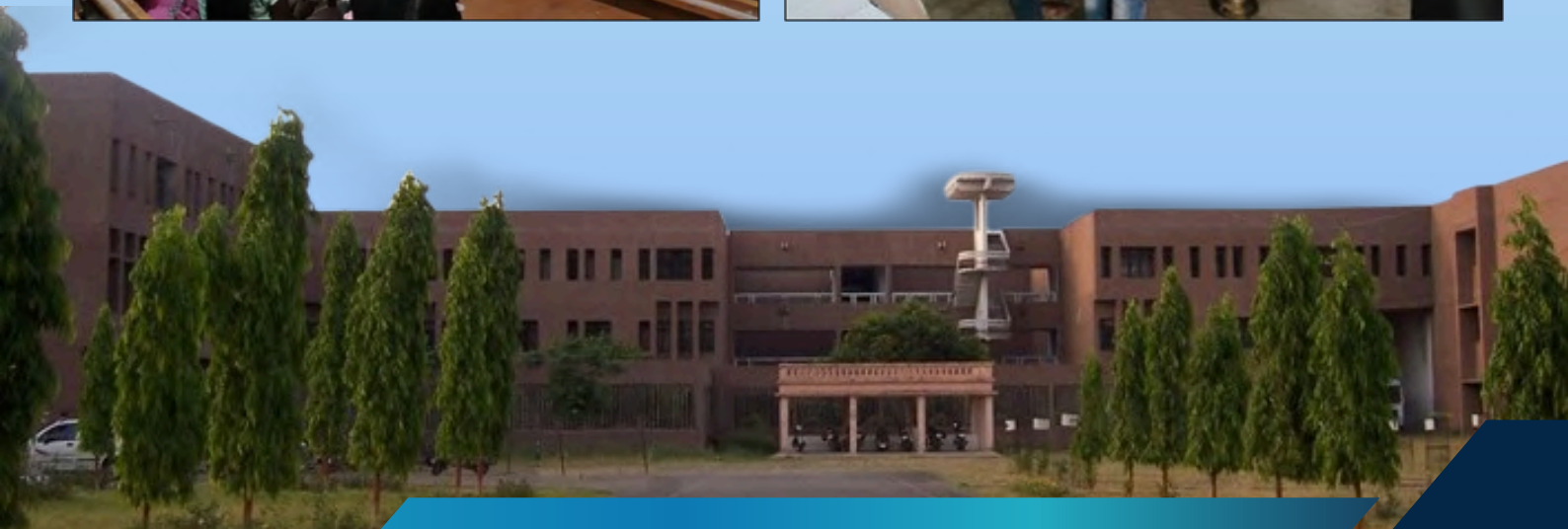




Activities held by IEEE Student Branch & WIE Affinity Group

NATIONAL SCIENCE DAY

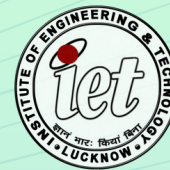
ECE Department through IEEE Student branch STB62961 organized an awareness activity on the occasion of National Science Day for the underprivileged children being taught by the PARMARTH SOCIETY of institute. In this event a science day quiz was organized for the children. As a part of the humanitarian activity the students were given a participation certificate and an educational kit to promote education among them.





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

**Institute of Engineering & Technology, Sitapur
Road, Lucknow-226021 (UP) India**



ALL INDIA SEMINAR ON “GREEN RENEWABLE ELECTRONICS FOR ENVIRONMENTAL NURTURING AND SUSTAINABILITY” (GREENS)

A two-day All India Seminar titled "Green Renewable Electronics for Environmental Nurturing and Sustainability (GREENS)" was held on 4th and 5th February 2025 at the Institute of Engineering and Technology (IET), Lucknow. This national-level event was jointly organized by the Institution of Engineers (India), UP State Centre, Lucknow and IET Lucknow, with the aim of addressing pressing environmental concerns through advancements in sustainable electronics.

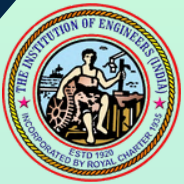
The seminar focused on fostering dialogue and collaboration among researchers, industry professionals, educators, and policymakers to promote eco-friendly innovations in electronics. As technology continues to evolve rapidly, there is a growing demand to align engineering practices with sustainability goals. GREENS 2025 served as a vital platform to explore green energy integration, efficient electronic systems, and environmentally responsible manufacturing.

The inaugural session was graced by several distinguished guests. The event was formally opened by Prof. Jai Prakash Pandey, Hon'ble Vice Chancellor of Dr. A.P.J. Abdul Kalam Technical University, Lucknow, who served as the Chief Guest and Patron. Shri Ashok Kumar Rajput, Member of the Central Electricity Authority, Ministry of Power, was present as the Guest of Honour. Prof. Vineet Kansal, Director of IET Lucknow, along with key members of IEI UP State Centre, Convener Prof. Neelam Srivastava, Co-Convener Prof. Subodh Vairya, and faculty members from various departments, also participated in the event. The inaugural function was attended by faculty, research scholars, and students from IET and other technical institutions across Lucknow.

Many expert sessions and keynote speakers held during the seminar including the presentation of around 30 research papers by students, scholars, and faculty members. These papers sparked engaging discussions on innovative ideas and potential applications in the field of green electronics. The seminar's core purpose was to create a multidisciplinary forum for sharing knowledge, encouraging innovation, and promoting sustainable technological practices.

With nearly 300 participants joining in hybrid mode, the GREENS 2025 seminar marked a significant step toward fostering awareness and advancing research in sustainable electronics.



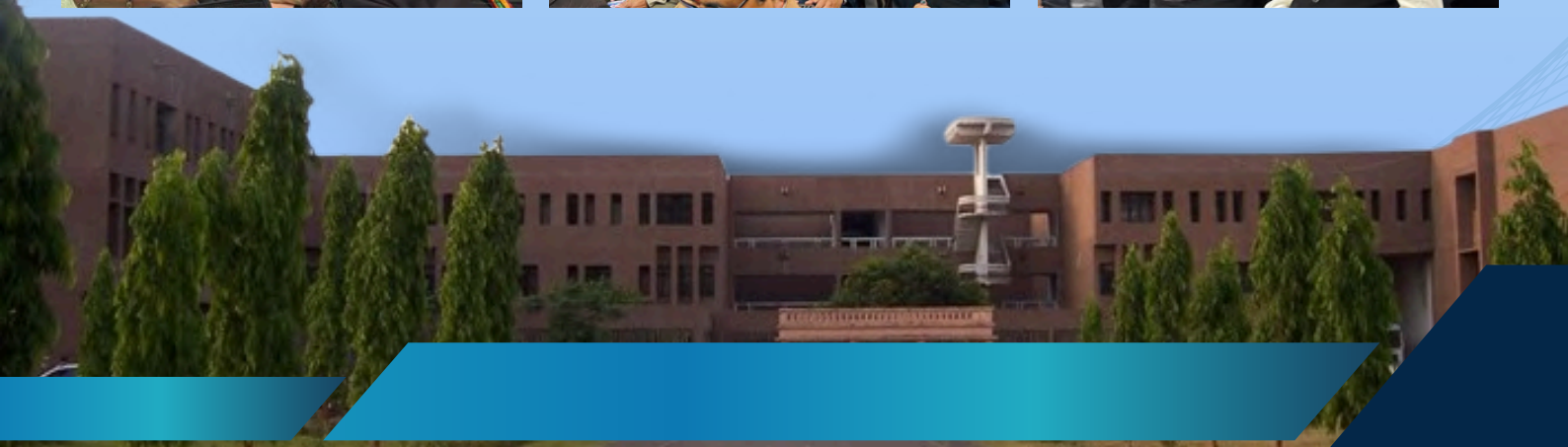


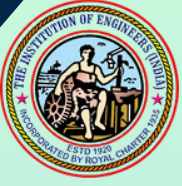
The Institution of Engineers (India), U.P. State Centre

Institute of Engineering & Technology, Sitapur
Road, Lucknow-226021 (UP) India



GLIMPSE OF ALL INDIA SEMINAR ON “GREEN RENEWABLE ELECTRONICS FOR ENVIRONMENTAL NURTURING AND SUSTAINABILITY” (GREENS)





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

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GLIMPSE OF ALL INDIA SEMINAR ON “GREEN RENEWABLE ELECTRONICS FOR ENVIRONMENTAL NURTURING AND SUSTAINABILITY” (GREENS)

उपलब्धियां हासिल करने वाले अभियंता हुए सम्मानित

लखनऊ (एसएनबी)। आईटी लखनऊ के सहयोग से यूपी स्टेट सेंटर इंस्टीट्यूशन ऑफ इंजीनियर्स की ओर से एंकोटीयु सभागार में 'ग्रीन्स' पर आयोजित दो दिवसीय ग्रीन्स सेमिनार का समापन प्रख्यात इंजीनियर्स के सम्मान के साथ हुआ।

सेमिनार के दूसरे दिन समापन समारोह में अपने अनुभव व दक्षता से विभिन्न उपलब्धियां हासिल करने वाले देश के विभिन्न हिस्सों से आये अभियंताओं को सम्मानित किया गया। इस दौरान संस्थान के यूपी राज्य केन्द्र के अध्यक्ष डॉ. सत्य प्रकाश ने अपने वरिष्ठों को याद करने और उनके अनुभव से सीखने की आवश्यकता पर बात की। तकनीकी पेपर प्रस्तुत किए गए और प्रसिद्ध विश्लेषकों व उद्योग विद्वानों ने मुख्य भाषण दिये। जिसमें संघर्षाणीय प्रौद्योगिकियों और हरित नवाचारों पर ध्यान केन्द्रित किया गया।

कार्यक्रम संयोजक प्रोफेसर नीलम श्रीवास्तव ने समारोह की शुरुआत करते

इंस्टीट्यूशन ऑफ इंजीनियर्स
के दो-दिवसीय नेशनल
सेमिनार का समापन

संघर्षाणीय प्रौद्योगिकियों और
हरित नवाचारों पर किया गया
ध्यान केन्द्रित

प्रोफेसर पीके सिंह को आईटी के निदेशक प्रो. विनीत कंसल ने सम्मानित करते
हुए राष्ट्र के प्रति उनकी सराहनीय सेवा के लिए उनकी सराहना की। समारोह का
समापन मानद सचिव पीके सिंह के धन्यवाद भाष्य से हुआ।

डॉ. वी.आर. सिंह (महानिदेशक तकनीकी एसएमएस ग्रुप ऑफ इंस्टीट्यूट्स), डॉ. केपी ज़िजादी (वरिष्ठ वैज्ञानिक भारतीय कृषि अनुसंधान परिषद), डॉ. एमएम खान (पूर्व मुख्य अभियंता हिंदालको), डॉ. मंसूर नूर खान (पूर्व मुख्य अभियंता पीएलसीएल), पूर्व एमसी बिजुल कारोपरेशन, डॉ. एसके वर्मा (मुख्य अभियंता लेसा व पूर्व एमसी डीवीवीएनएल), आईटी लखनऊ में ईसीटी के विभागध्यक्ष और सेवानिवृत्त

हुए सम्मानित होने वाले हर अभियंता को उपलब्धियों पर प्रकाश डाला। सम्मानित होने वाले अभियंताओं में इंस्टीट्यूशन ऑफ इंजीनियर्स के राष्ट्रीय डॉ. खोवी सिंह, डॉ.



लखनऊ • बुधवार • 5 फरवरी • 2025

सहारा | www.rashtriyasahara.com

प्रकृति की रक्षा के लिए 'हरित दिवस' जरूर मनाएं : प्रो. पांडे

लखनऊ (एसएनबी)। इंस्टीट्यूशन ऑफ इंजीनियर्स और इंस्टीट्यूट ऑफ इंजीनियर्स एंड टेक्नोलॉजी के संयोजन में एंकोटीयु सभागार में आयोजित 'ग्रीन्स' पर आयोजित दो दिवसीय ग्रीन्स सेमिनार का समापन प्रख्यात इंजीनियर्स के सम्मान के साथ हुआ। इस दौरान संस्थान के यूपी राज्य केन्द्र के अध्यक्ष डॉ. सत्य प्रकाश ने अपने वरिष्ठों को याद करने और उनके अनुभव से सीखने की आवश्यकता पर बात की। तकनीकी पेपर प्रस्तुत किए गए और प्रसिद्ध विश्लेषकों व उद्योग विद्वानों ने मुख्य भाषण दिये। जिसमें संघर्षाणीय प्रौद्योगिकियों और हरित नवाचारों पर ध्यान केन्द्रित किया गया। कार्यक्रम संयोजक प्रोफेसर नीलम श्रीवास्तव ने समारोह की शुरुआत करते हुए राष्ट्र के प्रति उनकी सराहनीय सेवा के लिए उनकी सराहना की। समारोह का समापन मानद सचिव पीके सिंह के धन्यवाद भाष्य से हुआ।



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Uttar Pradesh New and Renewable
Energy Development Agency

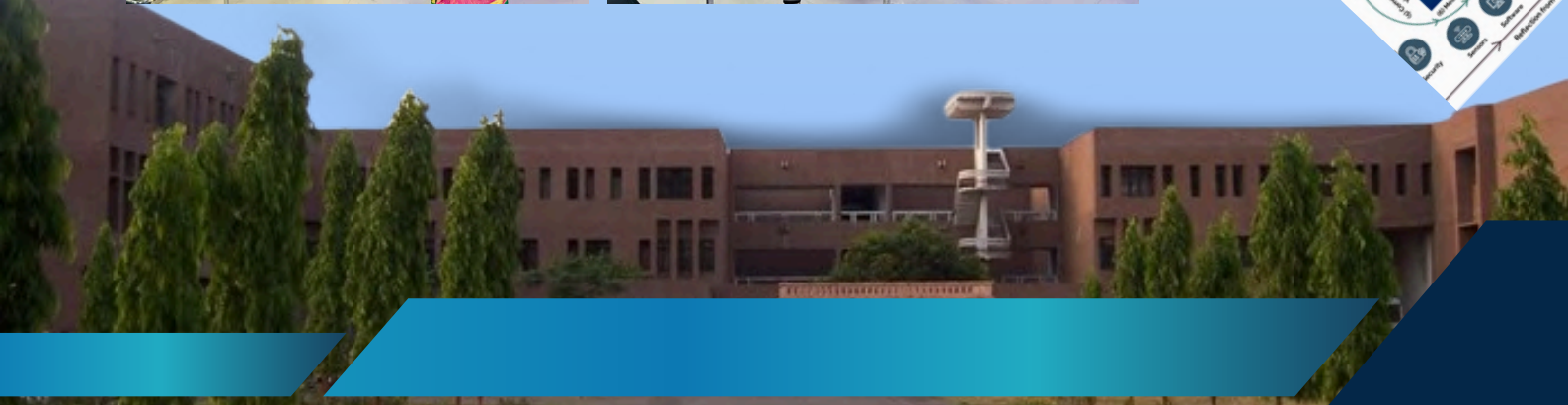


**Uttar Pradesh New and Renewable Energy
Development Agency, Lucknow**

**Institute of Engineering & Technology
Sitapur Road, Lucknow-226021 (UP) India**



One Day training programme on “Industrial Energy Efficiency and Decarbonization using Virtual Reality based Digi-Twin Training Simulator” was organized by Uttar Pradesh New and Renewable Energy Development Agency, Lucknow in association with Electrical Engineering Department & Electronics & Communication Engineering Department I.E.T., Lucknow on 28th January 2025 at Seminar Hall room no EE-303, EED.





Uttar Pradesh New and Renewable
Energy Development Agency



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Media Coverage



**Bureau of Energy Efficiency (BEE),
German Development Cooperation (GIZ)
and UPNEDA MSME-EMC Cell**

Organizes

**One Day Training Programme On
"Industrial Energy Efficiency And Decarbonization
Using Virtual Reality
Based Digi-twin Training Simulator"**

In association with

**Institute of Engineering & Technology, Lucknow
and
National Productivity Council &
Green Tree Building Energy Pvt Ltd**

Topics Covered

- Combustion System & Reheating Furnace
- Compressed Air System
- Induction Motor And Drives
- Compressed Air System
- Fans, Blowers And Pumping System

28 JANUARY, 2025
Electrical Engineering Department and
Electronics & Communication Engineering Department

upneda.rkn@gmail.com | upneda.emc@greentree-global.com

VENUE:
Seminar Hall, Room No. EE-303, Electrical Engg. Dept., I.E.T., Lko.

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'ग्रीन हाइड्रोजन तकनीकों को अपनाएं विद्यार्थी'

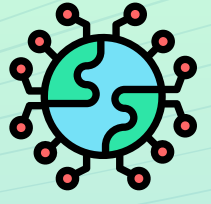
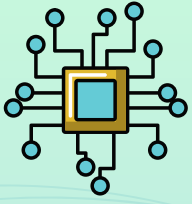
जास = लखनऊ इंस्टीट्यूट आफ इंजीनियरिंग एंड टेक्नोलॉजी (आईटी) के इलेक्ट्रिकल और इलेक्ट्रॉनिक्स विभाग में मंगलवार को ट्रेनिंग प्रोग्राम का आयोजन किया गया। यह कार्यक्रम 'इंडस्ट्रियल एनर्जी एफिशिएंसी एंड डेकार्बोनाइजेशन यूजिंग वर्चुअल रियलिटी बेस्ड डिजिटल ट्विन ट्रेनिंग सिमुलेटर' विषय पर आधारित था। इसमें वर्चुअल रियलिटी तकनीक की मदद से ऊर्जा दक्षता बढ़ाने और कार्बन उत्सर्जन को कम करने के तरीके बतए गए।

संस्थान के निदेशक प्रो. विनीत कंसल ने ग्रीन हाइड्रोजन जैसी तकनीकों को अपनाने और ग्रीन एनर्जी के नए स्रोत खोजने के लिए विद्यार्थियों को प्रेरित किया। प्रो. नीलम श्रीवास्तव ने ग्रीन रिन्यूएबल इलेक्ट्रॉनिक्स के महत्व पर विस्तार से चर्चा की। यूपी नेडा के गिरिश कुमार ने विद्यार्थियों को रिन्यूएबल और ग्रीन एनर्जी के बीच अंतर समझाते हुए ऊर्जा दक्षता बढ़ाने के लिए यूपी नेडा के प्रयासों की जानकारी दी। नेशनल प्रोडक्टिविटी काउंसिल के डायरेक्टर एम ज्वेल फ्रैंकलिन और एम नटराजन ने वर्चुअल रियलिटी उपकरणों का प्रत्यक्ष प्रदर्शन कर विद्यार्थियों को इंडस्ट्रियल उपकरणों के उपयोग के बारे में बताया। इलेक्ट्रिकल इंजीनियरिंग विभाग के अध्यक्ष प्रो. अनुराग त्रिपाठी ने यूपी नेडा, नेशनल प्रोडक्टिविटी काउंसिल और ग्रीन ट्री बिल्डिंग एनर्जी प्राइवेट लिमिटेड का आभार जताया।



इंस्टीट्यूट आफ इंजीनियरिंग एंड टेक्नोलॉजी के इलेक्ट्रिकल और इलेक्ट्रॉनिक्स विभाग में ट्रेनिंग प्रोग्राम को संबोधित करते निदेशक प्रो. विनीत कंसल = जलद्वारा





Thank You

