



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 ITS
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

SITAPUR ROAD, LUCKNOW



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
Dr. Roopali Agrawal	Guest Faculty
Er. Shahneela Jamal Kidwai	Guest Faculty
Er. Km Kanchan	Guest Faculty



ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT



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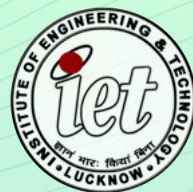
SOCIETY FOR ELECTRONICS EXPLORATION & DEVELOPMENT (SEED)

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.



ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

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SITAPUR ROAD, LUCKNOW**



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



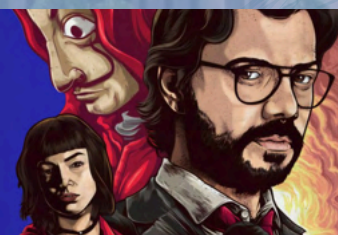
ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

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



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.





ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

INSTITUTE OF ENGINEERING AND TECHNOLOGY
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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.





ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

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



ANKURAN-2024

CULTURAL EVENTS



RANGOLI MAKING



DANCING



POETRY



NUKKAD NATAK



BAND CONCERT



SINGING

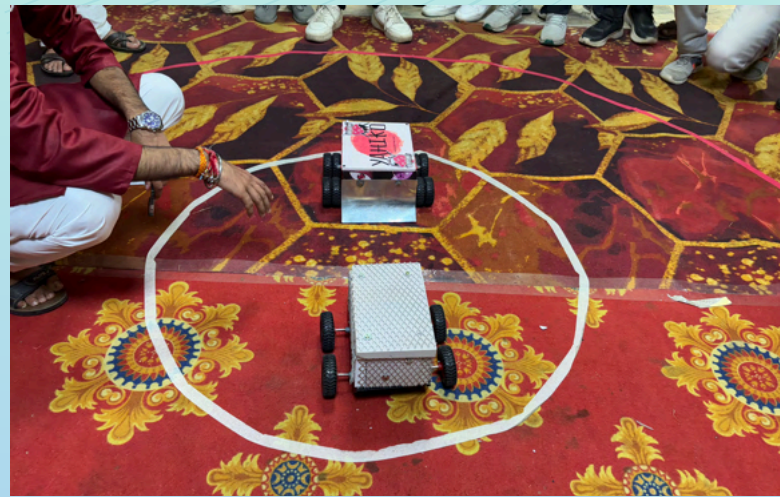


**ELECTRONICS & COMMUNICATION
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SITAPUR ROAD, LUCKNOW



ANKURAN-2024

TECHNICAL EVENTS



ROBO SUMO



ROBO RACE



ROBO SOCCER



**WATER BOTTLE
ROCKET**



**ELECTRONICS & COMMUNICATION
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INSTITUTE OF ENGINEERING AND TECHNOLOGY
SITAPUR ROAD, LUCKNOW



ANKURAN-2024

SPORTS EVENTS



CUP TOWER



FOOTBALL



CRICKET



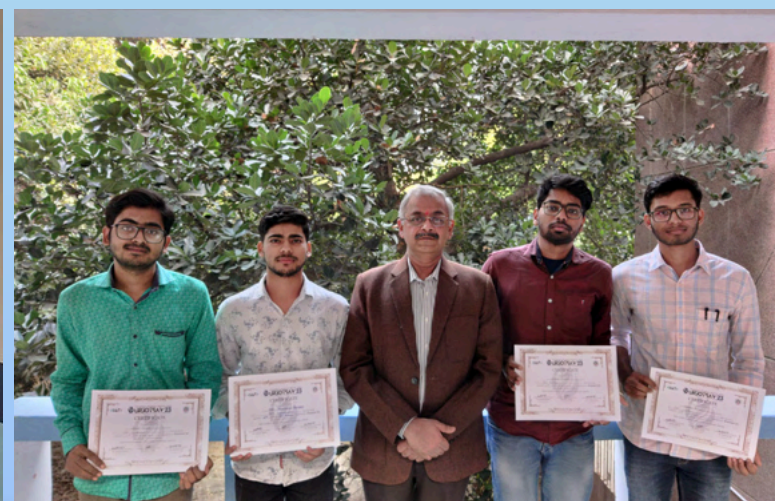
TREASRE HUNT



**ELECTRONICS & COMMUNICATION
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INSTITUTE OF ENGINEERING AND TECHNOLOGY
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.

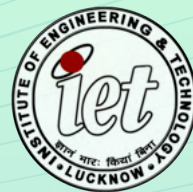


INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS



(IEEE) STUDENT BRANCH (STB62961)

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



IEEE Student Branch STB62961 – IET Lucknow 2024 Office Bearers

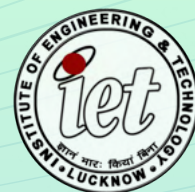
Name	Position
Prof. Vineet Kansal, Director	Patron
Dr. Neelam Srivatava	Counsellor
Dr. Seethalekshmi K.	Dean
Anurag Yadav	Department Chair
Pallavi Pant	Chair
Kirti Prakash	Vice Chair
Jaspreet Kaur	Vice Chair
Sheetal Singh	Secretary
Rahul Singh	Treasurer
Km Akhya Pandey	Webmaster

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS



(IEEE) STUDENT BRANCH (STB62961)

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



**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

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



IEEE WIE Affinity Group SBA62961 – IET Lucknow 2024 Office Bearers

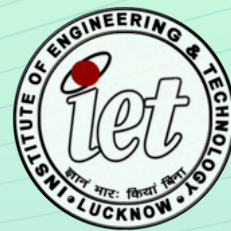
Name	Position
Dr. Neelam Srivatava	Advisor
Er. Jaspreet Kaur	Chairperson
Er. Pooja Nishad	Vice Chair - Technical Activities
Er. Sheetal Singh	Secretary/Webmaster
Er. Maneesha Dwivedi	Treasurer
Er. Namrata Singh	Webmaster



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



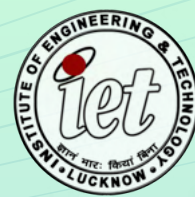
Activities held by IEEE Student Branch & WIE Affinity Group



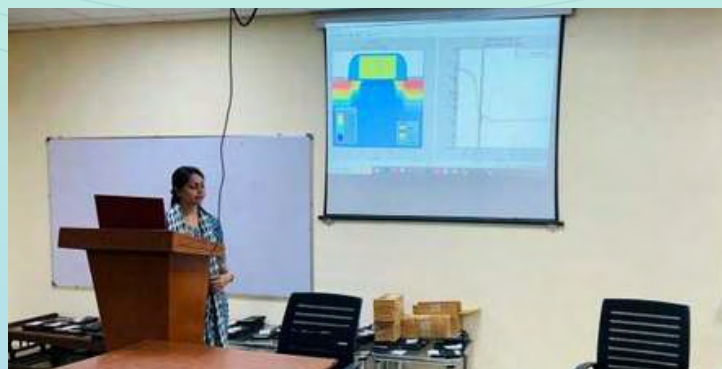
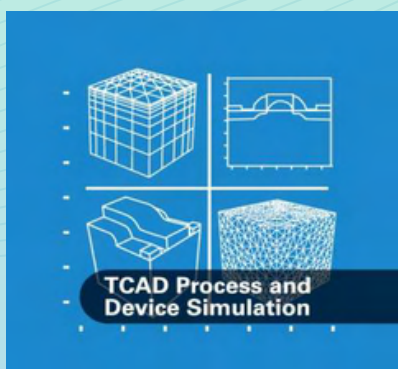
World Telecommunication & Information Society Day




IEEE WOMEN IN ENGINEERING DAY




Activities held by IEEE Student Branch & WIE Affinity Group




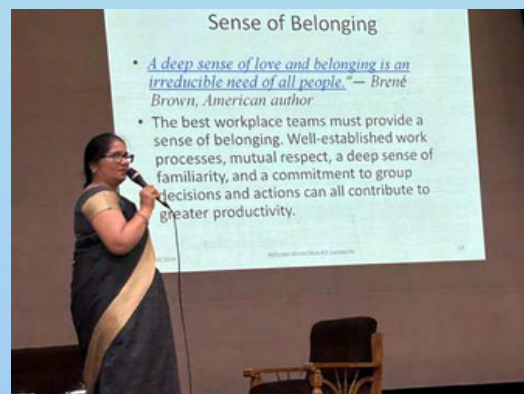
A SEMINAR ON TCAD ATLAS SILVACO TOOL FOR SEMICONDUCTOR DEVICE SIMULATION

 **IEEE STUDENT BRANCH**
Institute Of Engineering And Technology
Lucknow

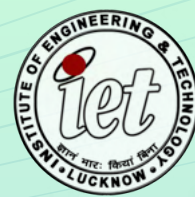
PRESENTS
A LECTURE ON
SENSE OF BELONGINGNESS AND COMMITMENT
TOWARDS WORK PLACE

 **AUDITORIUM IET**
SEPTEMBER 20, 2024
3:30 PM


SPEAKER
By
PROF. NEELAM SRIVASTAVA
BRANCH COUNSELOR
IEEE SB IET
IEEE SENIOR MEMBER



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



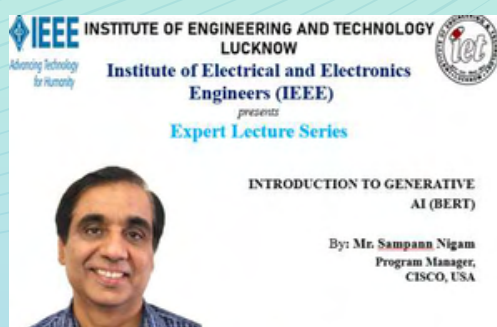
FEMALE HEALTH





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

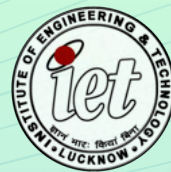
ECE Department through IEEE Student branch STB62961 organized an awareness activity on the occasion of National Science Day for the underprivileged children being taught by the PARMARTH SOCIETY of institute. In this event a science day quiz was organized for the children. As a part of the humanitarian 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.



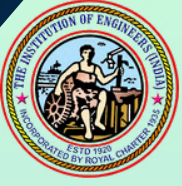
The Institution of Engineers (India), U.P. State Centre

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

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)

उपलब्धियां हासिल करने वाले अभियंता हुए सम्मानित

लखनऊ (एसएनबी)। आईईटी लखनऊ के सहयोग से यूपी स्टेट सेंटर इंस्टीट्यूट ऑफ इंजीनियर्स की ओर से एंटेन्यू सभा में 'ग्रीन्स' पर आयोजित दो दिवसीय ग्रीन्स सेमिनार का समापन प्रख्यात इंजीनियरों 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 शिक्षाविदों व उद्योग विशेषज्ञों ने मुख्य भाषण दिये। जिसमें संधारणीय प्रौद्योगिकियों और हरित नवाचारों पर ध्यान केन्द्रित किया गया।

कार्यक्रम संयोजक प्रोफेसर नीलम श्रीवास्तव ने समारोह को शुभआत करते



इंस्टीट्यूशन ऑफ इंजीनियर्स के दो-दिवसीय नेशनल सेमिनार का समापन संधारणीय प्रौद्योगिकियों और हरित नवाचारों पर किया गया ध्यान केन्द्रित

डीडी याधवा (काश्वा उद्योग समूह के अध्यक्ष), डॉ. बीआर सिंह (महानिदेशक तकनीकी एसएमएस ग्रुप ऑफ इंस्टीट्यूट्स), डॉ. केपी त्रिपाठी (वरिष्ठ वैज्ञानिक भारतीय कृषि अनुसंधान परिषद), डॉ. एसएम खान (पूर्व मुख्य अभियंता हिंजाली), डॉ. मसरत नूर खान (पूर्व मुख्य अभियंता पौडबल्लूरी, पूर्व एसडी बिज कॉर्पोरेशन), डॉ. एमके वर्मा (मुख्य अभियंता लेसा व पूर्व एसडी डीवीवीएसएल), आईईटी लखनऊ में ईसीटी के विभागाध्यक्ष और सेवानिवृत्त हुए राष्ट्र के प्रति उनकी सराहनीय सेवा के लिए उनको सराहना की। समारोह का समापन मानद सचिव बीपी सिंह के धन्यवाद ज्ञापन से हुआ।



लखनऊ। बुधवार • 5 फरवरी • 2025

सहारा | www.rashtriyasahara.com

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



लखनऊ (एसएनबी)। इंस्टीट्यूट ऑफ इंजीनियर्स और टेक्नोलॉजी ऑफ इंजीनियर्स एंड टेक्नोलॉजी के सहयोग से एंटेन्यू सभा में प्रयोगशाला को 'पर्यावरण पोषण और स्थिरता के लिए ग्रीन इलेक्ट्रॉनिक्स इलेक्ट्रॉनिक्स' (ग्रीन्स) पर अखिल भारतीय सेमिनार को शुभआत हुई। मुख्य अतिथि के रूप में एंटेन्यू के कुलपति प्रोफेसर जय प्रकाश पांडे थे। उन्होंने कहा कि कलाप सत्य परमार्थ है कि प्रकृति के विकास के लिए हमें हरित दिवस अवश्य मनाया जाए। प्रकृति हमें हमेशा से पीछे प्रदान करती है जो हमें कभी कोई नतीजा दे सकता, जैसे ताजी हवा, अक्सिजन, सौर, वर्षा, सदी आदि। प्रो. पांडे ने कहा हमें प्रकृति की रक्षा के लिए लगे से जागरूकता फैलाने की हरित दिवस जरूर मनाया जाए। आईईटी के निदेशक प्रो. डॉ. विमल कंसल ने भी हरित दिवस के लिए समर्थन की आवश्यकता को बताने का मौका मिला। विभिन्न अतिथि सदस्य विद्युत प्रणाली मंत्रालय असेक कुम्हार राकेश ने कहा कि सेमिनार का उद्देश्य

टिकाऊ प्रथाओं की तकनीक आवश्यकता को संवेधित करना है।

सेमिनार का उद्देश्य पर्यावरण के लिए जिम्मेदार इलेक्ट्रॉनिक्स की दिशा में कार्यवाई योग्य कदमों को प्रेरित

■ 'पर्यावरण पोषण और स्थिरता के लिए ग्रीन इलेक्ट्रॉनिक्स' पर नेशनल सेमिनार

■ देश के विभिन्न हिस्सों से आए वैज्ञानिकों व इंजीनियरों ने 'ग्रीन्स' पर व्यवस्थित विचार

करना और स्वस्थ जीवन के लिए आवश्यक को बढ़ावा देना है। सेमिनार हाईब्रिड मोड में था, इसमें अन्य शहरों के अलावा अमेरिका, नेदरलैंड और इंडोनेशिया से भी लोग ऑनलाइन शामिल हुए। मुख्य

संरक्षक डॉ. सत्य प्रकाश अध्यक्ष द इंस्टीट्यूट ऑफ इंजीनियर्स (ईईटी) यूपी ने अपना अभिवादन दिया। ई विजय प्रसाद सिंह, मानद सचिव आईईटी-यूपी यूपीएसटी, डॉ. एमके निरुद्ध, प्रो. सुबोध यादव के देश के विभिन्न हिस्सों से आए 300 से वैज्ञानिकों, इंजीनियरों व विशेषज्ञों ने सेमिनार में भाग लिया। कार्यक्रम समन्वयक प्रोफेसर नीलम श्रीवास्तव ने कुशल संकलन किया। मानद सचिव बीपी सिंह ने सकारात्मक आधार जताया।



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



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

**Institute of Engineering & Technology
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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
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VENUE
Seminar Hall, Room No. EE-303, Electrical Engg. Dept., I.E.T., Lko.
VISIT OUR WEBSITE ietlucknow.ac.in **MORE INFORMATION CALL US**
9450815956, 9452397733, 9450178188



'ग्रीन हाइड्रोजन तकनीकों को अपनाएं विद्यार्थी'

जासं • 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 को मदद से ऊर्जा दक्षता बढ़ाने और कार्बन उत्सर्जन को कम करने के तरीके बताए 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 • जगद्वज



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ALUMINI ACTIVITIES





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Chandrayan Chronicles

INSIGHTS FROM THE ISRO SCIENTIST'S TALK

Speaker: Mr. Ritesh Sharma, Deputy Project Director Space Application Center, ISRO

Alumni: B.Tech. ECE, Year 2003

The Department had the honor of hosting an expert talk titled “Insights from the ISRO Scientist”, delivered by Mr. Ritesh Sharma, Deputy Project Director at the Space Applications Centre (SAC), ISRO. The session attracted a large audience, including students, faculty members, and space enthusiasts, eager to learn about India's growing space capabilities and ISRO's significant contributions.

Mr. Sharma began his address by offering an overview of ISRO's mission, vision, and recent milestones. He emphasized ISRO's focus on using space technology for the benefit of society—aligning with national development goals in areas like communication, agriculture, weather forecasting, and disaster management.



आईईटी के छात्रों को मिली चन्द्रयान 3 से जुड़ी जानकारी

पायनियर समाचार सेवा। लखनऊ

इंस्टीट्यूट ऑफ इंजीनियरिंग एण्ड टेक्नोलॉजी लखनऊ के इलेक्ट्रॉनिक्स एण्ड कम्युनिकेशन इंजीनियरिंग विभाग में शुक्रवार को संस्थान के निदेशक प्रो विनीत कंसल की अध्यक्षता में बीटेक ईसीई एवं बीटेक ईआईई तथा बीटेक मैकेनिकल इंजीनियरिंग के छात्र-छात्राओं के लिये चन्द्रयान-3 के सम्बन्ध में विशिष्ट अतिथि द्वारा व्याख्यान का आयोजन किया गया। इस व्याख्यान में भारतीय अंतरिक्ष अनुसंधान केन्द्र के स्पेस एप्लीकेशन सेंटर में कार्यरत इं रितेश शर्मा, डिप्टी प्रोजेक्ट निदेशक द्वारा विद्यार्थियों को चन्द्रयान-3 प्रोजेक्ट के विषय में विस्तृत जानकारी दी। रितेश शर्मा इंस्टीट्यूट ऑफ इंजीनियरिंग एण्ड टेक्नोलॉजी लखनऊ के इलेक्ट्रॉनिक्स एण्ड कम्युनिकेशन इंजीनियरिंग विभाग के एल्युमनाई भी हैं। इस कार्यक्रम का संचालन आईईई स्टूडेंट चैप्टर, आईईटी लखनऊ के माध्यम से किया गया। कार्यक्रम के आयोजन का समन्वयन विभाग



के विभागाध्यक्ष प्रो सुबोध वैरिया, प्रोफेसर एवं प्रो नीलम श्रीवास्तव, प्रोफेसर के एवं ड आरसीएस चौहान द्वारा किया गया। इस व्याख्यान में विभाग के अन्य शिक्षकगण डॉ राजीव कुमार सिंह, अमित कुमार एवं प्र एसआरपी सिन्हा (सेवानिवृत्त) विशेष अतिथि के रूप में उपस्थित रहे। व्याख्यान में बीटेक ईसीई, बीटेक ईआईई तथा बीटेक मैकेनिकल इंजीनियरिंग के लगभग 100 छात्र-छात्राओं द्वारा पूरे उत्साह के साथ प्रतिभाग किया गया।



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EXPERT LECTURE

Topic: AI, ML & Cloud Computing

Speaker: Mr. Gaurav Dixit, Service Delivery Manager at Lefdal Mine Data Centre,

Alumni: B.Tech. ECE, Year 2002

The Department of Electronics and Communication Engineering (ECE) successfully organized an expert lecture on the topic “AI, ML & Cloud Computing”, presented by Mr. Gaurav Dixit, one of the department’s distinguished alumni. The event witnessed enthusiastic participation from students, faculty, and research scholars, all eager to gain insights into three of the most transformative domains in modern technology.

Mr. Dixit, drawing from his extensive industry experience, delivered a comprehensive session that bridged academic understanding with real-world applications. He emphasized the growing importance of Artificial Intelligence (AI) and Machine Learning (ML) in automating decision-making processes and improving operational efficiency across sectors. The lecture also focused on the foundational and strategic role of Cloud Computing in enabling scalable and cost-effective solutions.





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EXPERT LECTURE

Topic: Navigating the Future Trends in India's Aerospace and Defence Industry

Speaker: Er. Ram Parvesh

Position: Deputy General Manager (DGM) at BEL

Alumni: B.Tech. ECE Branch, Year 2002

Er. Parvesh's lecture was a panoramic view of the evolving landscape of India's Aerospace and Defence Industries. He began by highlighting the historical context and then seamlessly transitioned into the current trends and future trajectories. The session covered advancements in technology, strategic considerations, and the role of innovation in shaping the destiny of these crucial sectors. Attendees were captivated by Er. Parvesh's ability to simplify complex concepts while addressing the intricacies of the industries. The interactive Q&A session that followed allowed participants to delve deeper into specific areas of interest, making the lecture a comprehensive exploration of the future of aerospace and defense in India.





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EXPERT LECTURE

Topic: Personality Development for Placement

Speaker: Er. Ankur Saini

Position: Vice President of Sales at FLEEK IT Solutions

Alumni: B.Tech. EIE Branch, Year 2002

The Lecture Series featured Er. Ankur Saini, Vice President of Sales at FLEEK IT Solutions, an alumnus of the BTech EIE Branch from the year 2002, Er. Saini took the stage to enlighten the audience on the critical topic of "Personality Development for Placement." Er. Saini's session was more than a lecture; it was a journey through his own experiences and learnings in the corporate world. His engaging discourse delved into the nuances of personality development that go beyond the conventional realms of academia. Drawing from his extensive background in sales, Er. Saini emphasized the significance of holistic personal growth in the context of career placement. His insights into effective communication, professional demeanor, and the art of networking resonated with the audience. The session provided a roadmap for students and young professionals to navigate the competitive landscape of job placements successfully.





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STUDENT RECOGNITIONS





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SMART STARTUP (INNOVATION)

RedLinear at Navonmesh Aidea Hackathon

RedLinear Automation Pvt. Ltd. is a robotics startup focused on building scalable, intelligent Autonomous Mobile Robots (AMRs) designed specifically for Indian environments. At RedLinear, the students integrated SLAM-based navigation, AI-powered perception, and in-house developed hardware and software into a unified full-stack platform. The robots are engineered for dynamic, real-world applications such as restaurants, warehouses, and public service environments.

Our team recently participated in the prestigious Navonmesh Aidea 24-hour Hackathon, where we proudly secured 1st place among 280 teams. The students of EC Department, IET LUCKNOW Ankit and Anurag of Btech Final year have honored to receive the prize of INR 51,000 directly from the Honorable Governor of Uttar Pradesh. This recognition was a testament to their innovation, execution, and impact in the field of robotics and AI.





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STUDENT STARTUP AWARD

DPIIT-recognized-Registered under Startup India, Awarded by the Hon'ble Governor of Uttar Pradesh as the Best Women-led Startup, While Network Private Limited, established in 2023, is an innovative DPIIT-recognized startup that is reshaping the future of social media with a unique focus on knowledge sharing and mental growth.



मोहसिन अफरोज को चांसलर, प्रजा गौतम को कमल रानी वरुण मेडल

आई सिटी रिपोर्टर

लखनऊ। एकेडमी के टैलेंट सम्मेलन में मेजर इन्स्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी (एआईटी) के चोटक इलेक्ट्रॉनिक्स एंड कम्युनिकेशन इंजीनियरिंग के छात्र मोहसिन अफरोज को चांसलर मेडल मिला। पारले का चांसलर मेडल के साथ 31 हजार रुपये का नकद पुरस्कार भी दिया गया।

पहली बार चांसलर मेडल के साथ दिया 31 हजार का नकद पुरस्कार

टीकांत सम्मेलन में 95 को मिले मेडल, 50,162 को डिप्टी अवार्ड की गई

पहली बार दिया गया वेस्ट स्टार्टअप अवार्ड



स्टार्टअप अवार्ड से सम्मानित प्रजा गौतम, अरुण कर्माचार और अद्विष्टा सिंह। -अनुर

टैलेंट सम्मेलन में पारले का वेस्ट स्टार्टअप अवार्ड भी दिया गया। वेस्ट स्टार्टअप अवार्ड विजेता के चोटक इलेक्ट्रॉनिक्स एंड कम्युनिकेशन इंजीनियरिंग के छात्र मोहसिन अफरोज को चांसलर मेडल मिला। पारले का चांसलर मेडल के साथ 31 हजार रुपये का नकद पुरस्कार भी दिया गया।

लखनऊ, 28 दिसंबर, 2023 दैनिक जागरण

बी.टेक. की पढ़ाई के लिए दिया प्लेटफॉर्म

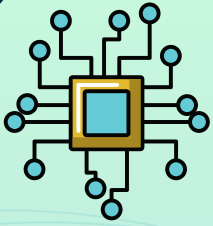
आज बहुत से छात्र-छात्राएं पढ़ने के लिए यूट्यूब पर सर्च करते हैं। जैसे ही वह यूट्यूब खोलते हैं, कई तरह के वीडियो उनके सामने खुल जाते हैं। कई बार वह इससे भटक जाते हैं। इसकी वजह से वह अपने विषय तक नहीं पहुंच पाते। इस तरह की समस्या का समाधान आरक्षणा कनीजिया ने अपने स्टार्टअप 'खाइल नेटवर्क' से दिया है। इसके लिए उन्हें वेस्ट यूमेन लेड स्टार्टअप अवार्ड मिला। इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी की बी.टेक. की छात्रा आरक्षणा कनीजिया ने अपने स्टार्टअप बाइबल नेटवर्क प्राइवेट लिमिटेड से रजिस्टर्ड किया है। इस प्लेटफॉर्म पर उन्होंने



आरक्षणा कनीजिया

बी.टेक. के छात्रों को पढ़ने के लिए कंटेंट उपलब्ध कराया है, जो पूरी तरह से निःशुल्क है। इस प्लेटफॉर्म से अगर किसी भटकाव के छात्र अपने विषय से संबंधित वीडियो तक पहुंच जाते हैं। इससे उनका समय बचता है। अभी यह प्लेटफॉर्म केवल बी.टेक. के छात्रों को फ्री करके तैयार किया गया है। आरक्षणा ने इसके प्रोटोटाइप का फरवरी 2023 में रजिस्ट्रेशन कराया। हाइड्रोजन से लेकर साफ्टवेयर की सभी समस्याओं को यहां समाधान मिलता है। इसके अलावा यदि कोई रियल लाइफ में प्रॉब्लम फेस कर रहा है, तो इस प्लेटफॉर्म के माध्यम से सीधे विशेषज्ञ से संपर्क करने की सुविधा भी है।





*Thank
You*

