



POORNIMA

INSTITUTE OF ENGINEERING & TECHNOLOGY

An Autonomous Institution approved by RTU, AICTE & UGC • NAAC 'A' Accredited



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Department of Applied Sciences

AUGUST 18, 2025

POORNIMA EXPRESS

AN OFFICIAL ANNUAL NEWSLETTER



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॥ पूर्णिमा गान ॥

जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान,
मरुभूमि अभिनन्दन करती, अरावली देता मुस्कान,
मरुभूमि अभिनन्दन करती, अरावली देता मुस्कान,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ १ ॥

उन्नत शिक्षा आदर्शों पर, आधारित जिसकी संरचना,
उन्नत शिक्षा आदर्शों पर, आधारित जिसकी संरचना,
ज्ञान बिना न किमपि साध्यम्, जिसका जीवन व्रत महान,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ २ ॥

युवा शिल्पी रहते रचनारत, यंत्र कला कौशल अपनाकर,
युवा शिल्पी रहते रचनारत, यंत्र कला कौशल अपनाकर,
विद्युत् सुचना, संगणक से, अंतरिक्ष तक भरे उडान,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ ३ ॥

मानवता से करे प्रकाशित, ज्ञानदीप की लौ जलाकर,
मानवता से करे प्रकाशित, ज्ञानदीप की लौ जलाकर,
तारागण सम सदा चमकते, जनमानस का करे कल्याण,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ ४ ॥

करे वन्दना सरस्वती माँ की, पूर्ण हो मन की अभिलाषा,
करे वन्दना सरस्वती माँ की, पूर्ण हो मन की अभिलाषा,
सृजन हित दृढ़ नित परिश्रम, ध्येय राष्ट्र का नव निर्माण,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ ५ ॥

मरुभूमि अभिनन्दन करती, अरावली देता मुस्कान,
मरुभूमि अभिनन्दन करती, अरावली देता मुस्कान,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ ६ ॥
जय जय जय.....



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PIET at a Glance

POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC

4th
Ranked by RTU
Under QIV

DIAMOND
Rating by
QS I-GUAGE

PLATINUM
Rating by AICTE-CII
Industry Linked Survey

NAAC
Accredited
(Since 2019)

AICTE-IDEA LAB
with ₹ 50.39 Lacs Grant
Only 1 in Rajasthan

2 COE's
Digital Manufacturing
Robotics & AI

3.5 STAR
by
IIC-MOE, GOI

Congratulations

ACCREDITED WITH GRADE A NAAC

Thanks to all Honorable Members of the Management, Principal, Faculty, Staff, Students, Parents, Alumni, Employers & Industry partners for this Achievement.

Poornima Institute of Engineering & Technology, Jaipur is a globally competent institute for the Engineering program and highly aims to serve at national and international levels by training the young & aspiring engineers as fully skilled technocrats. Poornima Institute of Engineering & Technology (PIET), Jaipur is a premier institution in Engineering Education, established in the academic year 2007; it is affiliated to Rajasthan Technical University, approved by AICTE and is recognized under UGC 2(f).

“JAI JAI POORNIMA SANSTHAN”



PIET is meticulously working with its full potential in all dimensions to generate excellence in academics and in overall development of its students. It is the learning home to a total of 1700 students and is committed to impart best technical skills in students through its eight specializations of engineering at UG level namely B.Tech in Artificial Intelligence and Data Science, Computer Engineering, Computer Science & Engineering (Artificial Intelligence), Computer Science and Engineering (Data Science), Computer Science and Engineering (Internet Of Things), Electrical Engineering, Electronics & Communication Engineering, Computer Engineering (Indian Language). From solar-energy systems to mobile phones, we aim to innovate and research to meet society's communication, technical and energy needs. PIET is having excellent faculty members and staff to bring out the determined objectives of these courses.

‘Success is not a destination, it’s a journey’.

We have set many benchmarks and reached new pinnacles in engineering education with dedication, perseverance and devotion in its magnificent journey of less than two decades. PIET has been providing an excellent technical and scientific education that has been able to develop professional and holistic development of our students. We have successfully achieved few wonderful milestones by constant hard work and sincere dedication towards preparing the absolute trained engineers in different streams such as:

-
- Being ranked 4th in annual QIV ranking by Rajasthan Technical University.
 - Being the 1st Institution across India to offer B. Tech CE in Indian language under NEP 2020.
 - Accredited by National Assessment and Accreditation Council (NAAC) since 2019. Awarded with “A” grade in the year 2025.
 - Accreditation by National Board of Accreditation for B. Tech (Computer Engineering) program for the last 06 years and for B.Tech. (Civil Engineering) program in 2019-20 and was 1st private college across Rajasthan to achieve the same.
 - PIET has been rated Diamond by QS-I Gauge for its excellent efforts in academics, placements, innovations and entrepreneurship, out of 8 parameters, PIET has achieved platinum rating in 05 parameters.
 - Rated PLATINUM by AICTE- CII Survey for strong Industry Linked Technical Institutes.
 - Establishment of the first and only IDEA Lab in Rajasthan funded by AICTE and is having many industries and government-funded labs like Neural Network & Deep Learning Lab under AICTE- MODROB, REDHAT Lab, ORACLE Lab and many more.



- PIET has been awarded center of excellence for Advanced Digital Manufacturing by its affiliating University that facilitates Skill development, hands on learning and innovation.
- Strong Industry & Academia collaboration with more than 40 Industry & Academia work in tandem with us for developing student skills, research, internships, placements and faculty exchange.
- In last 06 years PIET has published more than 723 papers in reputed journals, out of them more than 340 are SCI & Scopus Indexed
- The total amount for research grants received in last six years is Rs. 1.98 crore.
- With help of dedicated IPR cell. The students and faculty members have more than 140 patents published and 10 patents granted in last 06 years.
- Every year we place more than 75% students with top reputed Industries with average package of Rs.5.5 lakh per annum.
- Poornima Business Incubation Cell (PBIC) is a dedicated unit that encourages and supports to work towards entrepreneurship and till now 41 incubation have been nurtured out of which 18 are registered with Government bodies too.

PIET determines to inculcate global competencies among the students for facing the contemporary challenges successfully by establishing collaborations with industries, networking with the neighborhood agencies/bodies and promoting a closer relationship between the “world of competent-learning” and the “world of skilled work” in real sense. PIET is an exemplary institution for being highly dedicated in developing the research, innovation and entrepreneurship skills among the prospective engineers with a strong value system aligned with social, cultural, economic and environmental realities at all the levels such as the local, national and universal in engineering education.





Vision & Mission of PIET

Vision

To create knowledge based society with scientific temper through cutting-edge technologies, innovative research and to become valuable resource for enriching mankind.

Mission

- To provide an environment that will allow students and faculty members to be skilled in creation and implementation of new ideas.
- To provide platform to improve questioning, observing, testing, analyzing and communication skills.
- To provide qualitative education and generate new knowledge with integration of emerging technolo- gies and research.
- To practice and promote high standard of potential ethics, transparency and accountability.

PIET is spearheading its outstanding voyage with the motto-

“ Success is not a destination, it’s a journey.”





Department of Applied Sciences

Vision

To facilitate skills based learning of Sciences and Engineering through cutting-edge technologies, innovative research to cater needs of the society through integrating human values.

Mision

1. To provide an environment that facilitates skilled manpower in creation and implementation of new ideas in Sciences.
2. To provide a platform to improve questioning, observing, testing, analyzing and communication skills.
3. To provide qualitative education and generate new knowledge in the sciences and technology domain.
4. To provide all measures to maintain professional ethics in lifelong working.

Objectives

1. Academic Foundation: Build conceptual clarity in core subjects such as Physics, Chemistry, Mathematics, and Basic Engineering Fundamentals subjects.
2. Skill Development: Develop communication, critical thinking, problem-solving, and computational skills through innovative teaching methods and experiential learning.
3. Student Transition & Orientation: Support the transition from school to college through a comprehensive Student Induction program which will be promoting emotional, social, and cultural integration in line with IKS.
4. Technology Integration: Emphasize blended learning, use of digital tools& technology, and exposure to emerging technologies (AI, IoT, etc.) in line with NEP 2020.
5. Innovation & Creativity: Encourage curiosity and creativity of students through project-based learning, using IDEA labs, and participation in external events like Hackathon and design challenges.
6. Ethics and Values: Incorporate universal human values, discipline, and professional ethics from the beginning.



From the Desk of Dignitaries

Dear Readers,

It is with great pride and optimism that I welcome you to this edition of the newsletter of the Department of Applied Sciences, focused on “A Revolutionizing Reality AI, Automation, and the Future of Tech.”. It is rightly said by Alan Kay that the best way to predict the future is to invent it. It is pertinent that we are witnessing a pivotal moment at present in every scenario of our lives, where the boundaries of AI led innovation and all practices are being continuously redefined and being governed by technology.

From healthcare to education, industries and academics are witnessing unprecedented paradigm shifts. As per the need of the hour, it is imperative to nurture curiosity, adaptability, and ethical responsibility in our students and learners. At our institute in the Department of Applied Sciences, we are actively embracing this change day by day. Our faculty members are integrating new methodologies into the curriculum with the help of technical tools and resources available at campus.

The faculty members of the department have been putting their efforts into learning and adapting the new technologies and courses, participating and getting certifications from academic and professional bodies which will further raise the bar to excel academically as valuable assets of the institution. The Department of Applied Sciences conducted activities and programs related to the domains and arenas of AI, Design and Human-Computer Interaction, Full-Stack Web Development, Leadership and Global Youth Development, Academic Research Methodology and Innovation Artificial Intelligence in Linguistics and Sustainable Development and many more other technical and academic activities which gave an insight to the young intellectual minds in order to make them play their roles towards the use of technology and its role in revolutionizing the society.



Prof.(Dr.) Dinesh Goyal
Principal & Director
Poornima Institute of
Engineering and
Technology



From the Desk of Dignitaries

It is the high time to foster interdisciplinary learning in academics too which can generate creativity, and critical thinking among the learners. I urge the students to work upon those emerging technologies adapting to change which may give them success and growth in future making our country and institution feel pride with their remarkable contribution. I congratulate all the team members and the beloved students for all the milestones attained in previous year and wish the legacy to continue and scale further ahead.

I congratulate the editor and editorial members for nice compilation of the outcomes of the curricular, co-curricular and extra-curricular efforts of the students and faculty members showcased in the current Newsletter of Department of Applied Sciences, PIET.

All the Best!



गुरु पूर्णिमा, जो 10 जुलाई 2025 को मनाई जा रही है, महर्षि वेदव्यास जी के जन्म दिवस के रूप में मनाई जाती है। उन्होंने वेदों का संकलन कर मानवता को ज्ञान का मार्ग दिखाया, इसलिए उन्हें आदि गुरु माना जाता है। यह दिन गुरु-शिष्य परंपरा की पवित्रता का प्रतीक है।

इस शुभ अवसर की पूर्व संध्या पर पूर्णिमा समूह का संस्थान, पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी, को स्वायत्त संस्थान का दर्जा मिलना एक अत्यंत गर्व का विषय और अनुपम उपहार है।



From the Desk of Dignitaries

तकनीक से देश आगे बढ़ता है, पर संवेदनाओं से राष्ट्र बनता है। विकसित भारत वही होगा जहाँ कृत्रिम बुद्धिमत्ता के साथ भावनात्मक बुद्धिमत्ता भी साथ चले

In the journey toward a Viksit Bharat—a developed India—it is crucial to recognize that true progress lies not only in technological advancement but in the cultivation of human values in youth generation. As we clinch the power of Artificial Intelligence (AI), it becomes equally important to nurture Emotional Intelligence (EI) in every individual, especially our youth.

AI is transforming industries towards Industry 5.0 era, revolutionizing education, and reshaping governance authorities in various areas. However, machines cannot replicate the depth of human empathy, compassion, and ethical reasoning. Emotional

Intelligence—the ability to understand, manage, and respond to emotions—enables individuals to collaborate effectively, resolve conflicts, and guide with honesty. In a society where AI handles difficult computations, humans must support their emotional and moral scope to ensure inclusive and humane growth.

A विकसित भारत must be technologically empowered but also emotionally flexible. This means integrating EI into our educational system, workplaces, and governance models. Leaders of tomorrow must not only be data-driven but also heart-driven. Emotional Intelligence will be the bridge that ensures AI serves humanity, rather than replaces it.

As we stand on the cusp of a digital rebirth, let us entrust to building a nation where Emotional Intelligence complements Artificial Intelligence. Together, they can guide India toward sustainable development, social harmony, and global leadership with a great impression towards sustainable goal.

My sincere message to my beloved students through this annual News letter “Poornima Express” that let us shape a विकसित भारत which is not only smart but also sensitive, where innovation meets empathy, and progress is measured not just in GDP, but in human dignity.



Dr. Sama Jain
Professor and Head
Department of Applied Sciences



From the Desk of Dignitaries

Artificial Intelligence and Automation are no longer future possibilities—they are today's realities, transforming industries and redefining human potential. At the Department of Applied Sciences, we are proud to be part of this revolution, fostering academic curiosity and innovation. AI and automation now drive advancements across healthcare, education, manufacturing, and more. Our mission is to prepare students not only with technical knowledge but also with critical thinking and ethical grounding to lead responsibly in this evolving landscape. Through interdisciplinary learning, research, and collaboration, we aim to shape a generation that doesn't just adapt to change—but drives it. The future of technology lies not just in machines but in empowered minds. Let us continue to explore, innovate, and create a meaningful impact together.



Dr. Bhanu Pratap
Dy. HOD (Acad.)
Department of Applied
Sciences

The rapid rise of artificial intelligence, automation, and emerging technologies is reshaping the world as we know it. From intelligent algorithms that drive decision-making to automated systems transforming entire industries, we are witnessing a shift that goes beyond convenience—it's about reimagining the future. AI is no longer a concept of tomorrow; it's a tool of today, powering everything from customer experiences to predictive analytics, healthcare innovations, and smarter infrastructure. Automation is streamlining workflows, reducing human error, and enabling businesses to operate with greater speed and efficiency.



Mr. Nitin Mukesh Mathur
Dy. HOD, (Admin.)
Department of Applied
Sciences

As we look ahead, technologies like machine learning, robotics, and quantum computing are set to further disrupt traditional models and create entirely new possibilities. But with great opportunity comes great responsibility. Ethical considerations, transparency, and digital literacy will be essential as we navigate this evolving landscape. At the heart of this transformation is one clear truth: those who embrace change, adapt quickly, and leverage these tools effectively will be the ones who lead the future. In this issue, we'll explore key trends, innovations, and insights to help you stay ahead in a world being redefined by technology. The future isn't just coming—it's already here, and it's powered by AI.



From the Desk of Editor

“Success in creating AI would be the biggest event in human history. Unfortunately, it might also be the last, unless we learn how to avoid the risks.” – Stephen Hawking

Dear Readers,

As the Editor-in-Chief, it gives me immense pleasure to present the latest edition of our departmental newsletter—an insightful compilation that not only reflects the vibrant array of activities and achievements but also captures the evolving spirit of academic innovation driven by technology and artificial intelligence.

This edition of the newsletter captures the evolving synergy between various academic disciplines, reflecting the transformation education

is undergoing in an increasingly interconnected and tech-driven world. Artificial Intelligence is not only reshaping how we approach problem-solving and research but is also influencing the realms of creativity and innovation. Through this issue, we proudly present how both students and faculty are actively engaging with these cutting-edge advancements to venture into new dimensions of learning and discovery.

The growing incorporation of AI technologies, data-driven insights, and digital platforms within our academic landscape highlights the essential need for interdisciplinary collaboration. Technology now serves as a dynamic bridge—connecting the sciences, humanities, and engineering—and nurturing a mindset of innovation and collective growth. I strongly believe that as AI and emerging technologies continue to transform the way we acquire, share, and apply knowledge, they will further dissolve conventional academic boundaries, ushering in a new era of integrated and holistic education.

I extend my heartfelt gratitude to the Leadership and Management of Poornima for their continued support and guidance. I sincerely hope our readers find this issue engaging, inspiring, and reflective of the exciting times we are part of.

Best Wishes.....



Dr Prince Dawar
Associate Professor
Department of English,
Humanities and Soft Skills



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 **POORNIMA**
INSTITUTE OF ENGINEERING & TECHNOLOGY

NAAC ACCREDITED SINCE 2019



AFFILIATED TO RTU, KOTA



ACCREDITED BY NAAC



APPROVED BY AICTE



Esteemed Presence of Honourable Vice Chancellor at PIET



Poornima Institute of Engineering and Technology, Jaipur celebrated the First National Space Day on 23rd August 2024 at PIET with esteemed guests and experts from ISRO, IMD, RTU, and Vigyan Bharti.

The event highlighted India's space journey, featuring insightful addresses and inspiring discussions, concluding with a vote of thanks and memento presentations.



The event was graced by eminent dignitaries including Prof. S. K. Singh (Honourable VC, RTU, Kota), Dr. Ashwini Sharma (Ex-VC, Symbiosis Skill University), Mr. Radhey Shyam Sharma (Director, IMD Jaipur), Dr. L. S. Rathore (Ex-DG, IMD), Dr. Meghendra Sharma (Secretary, Vigyan Bharti, Rajasthan), Ar. Rahul Singhi (Director, Poornima Group), Prof. (Dr.) Dinesh Goyal (Principal & Director, PIET), Mr. Ashwini Lata (Director, Student Welfare), and Dr. Gautam Singh (Registrar & Chief Proctor, PIET).



Pehla Kadam 2024 : Students Induction Program

A Session by Ashneer Grover:

As part of the orientation program, students had the privilege of attending a dynamic session with renowned entrepreneur Mr. Ashneer Grover on 4th September 2024. He shared real-world insights from his startup journey, addressed common misconceptions during a “Myth or Fact” round, and engaged the audience through a lively rapid-fire segment and an interactive Q&A. His candid reflections offered valuable lessons on resilience, vision, and the realities of entrepreneurship.



The session was followed by vibrant cultural performances, including a captivating Rajasthani folk dance and a devotional RaasLeela performance celebrating Janmashtami. These showcased the richness of Indian tradition and added a festive spirit to the day.

The event concluded with an address by Ar. Rahul Singhi, Director of Poornima Group, who introduced the college's legacy, student initiatives, and key events such as Aarohan and Aadhar, setting a strong foundation for the freshers' journey ahead.





Welcoming First Year Students:

Poornima Institute of Engineering & Technology warmly welcomes the B. Tech Batch of 2024-2028 to its campus. As part of the tradition, the Applied Sciences Department, in partnership with the PIET Student's Council, has organized a 21-day Orientation Program. The aim of this program is to help new students acclimate to the academic, cultural, and social environment of the college. It provides an introduction to the college's educational opportunities, core academic objectives, and the values of the campus community.



The program also offers students a chance to engage in academic advising and learn about registration, housing, campus activities, Student Council Clubs, and other aspects of college life. The Student Induction Programme is crucial in helping students transition smoothly into college, guiding them through the unfamiliar campus environment, faculty, and infrastructure, and setting them up for success during their four-year journey.





A Session on Engineering & Entrepreneurship in the age of AI:

On Monday, 2nd September 2024, the Poornima Institute of Engineering and Technology (PIET) hosted a special session on “Engineering and Entrepreneurship in the Age of AI and Robotics”, featuring Mr. Chandra Prakash Sharma, CEO and Founder of WisFlux Private Limited, as the chief guest and keynote speaker.

The session concluded with an interactive Q&A where students asked questions about career options, the process of securing scholarships, and how to navigate international education systems. Mr. Solanki’s practical and insightful answers motivated students to explore opportunities beyond the conventional paths.



A Session on Digital Engineering:



An expert session on “Digital Engineering” was taken by Ms. Divya Khandelwal, Digital Specialist Engineer, Infosys on 2nd September, 2024 at Seminar hall, PIET.

Ms. Divya Khandelwal commenced the session by emphasizing the importance of skill development in the ever-evolving field of digital engineering. She highlighted that acquiring the right skills is essential for staying competitive in today’s technology-driven world. Drawing from her own experiences, Ms. Khandelwal shared valuable insights into how a combination of technical proficiency and soft skills can pave the way for successful careers. She encouraged students to focus on continual learning and development, stressing that the industry values adaptability and practical expertise alongside academic knowledge.



A Session on Cyber Security:

Mr. Vipin Khandelwal, a cyber security expert, delivered an engaging session on the "Future in Cyber security" on 3rd September 2024 at Seminar Hall ,PIET. The session covered key topics, including the rise of AI-driven cyber security solutions, the importance of adopting zero-trust security architectures, and the increasing significance of cloud security.

Overall, the session equipped participants with the knowledge and motivation to pursue cyber security careers while emphasizing the crucial role this field plays in protecting global digital infrastructures.



A Seminar on Inspiring Leadership & Management:

The seminar, titled "Inspiring Leadership and Management Excellence," was organized at Poornima Institute of Engineering and Technology on 3rd September 2024 to provide students with practical knowledge and motivation to become future leaders.

Mr. P.M. Bharadwaj : National-level motivational speaker and management guru, former MD/CMD of four PSUs, with his remarkable career spanning multiple high-level leadership roles, was invited as the chief guest. His address aimed to encourage students to develop essential management skills and adopt a success-oriented mindset.





Training Session for Faculty & Students:

A technical session titled “Training Session for Faculty and Students on Introduction to Virtual Labs and Awareness on its Utilization” was held on 3rd September 2024 at Poornima Institute of Engineering and Technology (PIET), Jaipur. The session featured two expert speakers, Ms. Suman Tripathi and Mr. Vinay Tripathi, Senior Project Associates, who provided in-depth insights into the technical aspects of Virtual Labs to students and faculty members. The objective of the session was to introduce the fundamental concepts and structure of Virtual Labs, and to offer a hands-on walkthrough for both faculty and students on using the platform for conducting experiments and analysis.

Students Orientation Program 2024

VIRTUAL LABS WORKSHOP

In Collaboration with IIT, Kanpur

Guest Speaker: Mr. Vinay Kumar Tripathi (Senior Project Associate, Virtual Labs@Kanpur)

Guest Speaker: Mrs. Suman Tripathi (Senior Project Associate, Virtual Labs@Kanpur)

Adviser: Prof. Dr. L. Dinsh Chohan (Head of Department, IIT Kanpur)

Coordinators: Dr. Soma Jain (Head of Department, IIT Kanpur) and Dr. Aisha Rofi (Senior Project Associate, IIT Kanpur)

Date: 3rd September 2024, 12:00 PM to 2:00 PM
Venue: PIET

Virtual Labs have been designed to provide remote access to labs in various disciplines of Science and Engineering. These Virtual Labs cater to students at the undergraduate level, postgraduate level as well as to research scholars. Virtual Labs enable the students to learn at their own pace and enthrust them to conduct experiments.

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www.piet.poornima.org | @piet_jaipur

A Motivational Session on Ancient Indian Ideas:

As part of the "Pehla Kadam 2024-25" academic initiative, a session on "Readaptation of Ancient Indian Tradition to Modern Ideas: Indian Renaissance in the Nineteenth Century" was conducted by Dr. Sangeeta on 3rd September 2024 at Seminar Hall, PIET.

POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY

पहला कदम Orientation Program

A Motivational Talk Session on
READAPTATION OF ANCIENT INDIAN TRADITION TO MODERN IDEAS : INDIAN RENAISSANCE IN THE NINETEENTH CENTURY

**TUESDAY
SEPTEMBER 3
2024**

PIET, JAIPUR

Trnd. (Prof.) Dr. Sangeeta Sharma
Dept. of History and Indian Culture, University of Rajasthan

Dr. Sangeeta Sharma was invited as the speaker for the session. The seminar aimed to provide insights into how ancient Indian traditions can be revitalized and aligned with contemporary values, focusing on the impact of the Indian Renaissance in the nineteenth century.





An Interactive Session with Future Engineers:

An interactive expert session titled “Interaction with Future Engineers” was conducted on 5th September 2024 at Seminar Hall, PIET.



The objective of this session was to aware the future engineers about technology and inventions.

On this occasion, Mr. Pawan Solanki, a B. Tech graduate in IT and an MBA Gold Medalist was invited to share his knowledge on helping students make informed choices about their future education and careers.

An Interactive Session with Future Engineers:

An interactive expert session titled “Interaction with Future Engineers” was conducted on 5th September 2024 at Seminar Hall, PIET. Prof. Lava Bhargava’s interaction with the students was a valuable learning experience. His deep understanding of the engineering sector, coupled with his ability to convey complex concepts in an easy-to-understand manner, left a lasting impression on the attendees.



The objective of this session was to give students a clear understanding of the engineering field's expectations, requirements, and growth potential. Prof. Lava Bhargava, an experienced professor at MNIT Jaipur, was invited to address the students and share his expertise.



A Session on Artificial Intelligence:



An interactive expert session titled “Introduction to Artificial Intelligence: Shaping the future of Technology” was conducted on 5th September 2024 at Seminar Hall, PIET. Mr. Kapil Nag, Senior Data Scientist, Founder of Humanli.Ai was the speaker and chief guest of the session. The session aimed to orient first-year students about the Young Indians and its role in fostering leadership and innovation.

A Collab Session with AISEC on Leadership Development:

An informative session in collaboration with AISEC, a global youth-run organization that focuses on leadership development and cross-cultural internships was organized in collaboration with Poornima University on 6th September 2024. The event aimed at fostering global perspectives, encouraging leadership qualities, and providing students with opportunities to explore international experiences





A Motivational Talk Session:

Pehla Kadam event, organized as part of the 2024-25 academic years, aimed to inspire and guide students towards a successful future. The keynote speaker for the Motivational Talk session conducted at Seminar Hall, PIET on 6th September 2024. Mr. Paresh Gupta, is a well-known motivational speaker and entrepreneur, recognized for his work in leadership development and career guidance. The session was designed to equip students with the mindset needed to achieve both personal and professional goals in a rapidly changing world. The seminar hall at PIET was packed with enthusiastic students eager to hear Mr. Gupta's insights on career growth, resilience, and adaptability.



Introduction to Sales :

An industry expert session titled “Introduction to Sales force” was conducted on 6th September 2024 at Poornima Institute of Engineering and Technology. The session aimed to introduce students to the Salesforce platform, focusing on its relevance in the current technology-driven industry. Mr. Shashank Agarwal shared his expertise and discussed how Salesforce helps businesses streamline their operations, improve customer relationships, and enable efficient management systems.



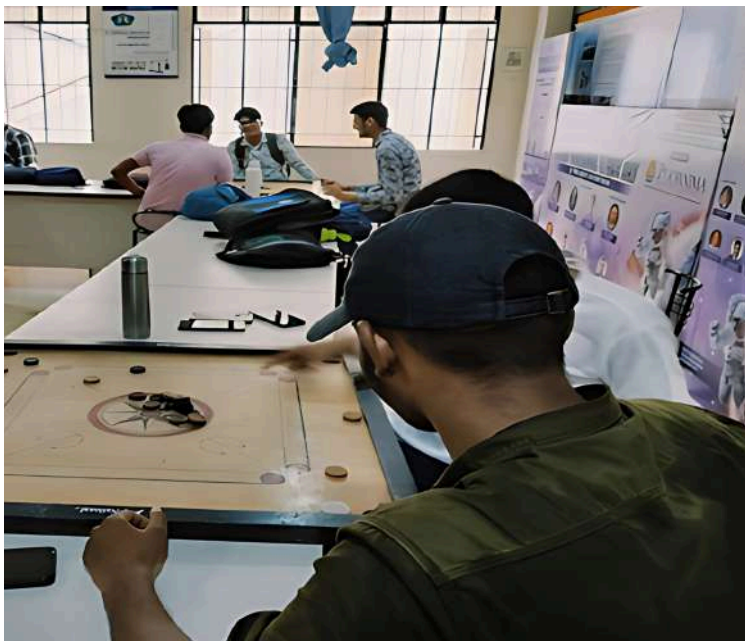


Alumni Session on Learning Path for Placements:

A “Alumni Session on Learning Path for Placements” was organized on 6th September 2024 at Seminar Hall, PIET. The session was conducted by Mr. Raman Bateja and Mr. Prashant Kumar, both serving as Consultant Data Engineers at Celebal Technology.



Sports and Fitness Session:



As part of the "Pahla Kadam" Orientation Program at Poornima Institute of Engineering and Technology (PIET), sports activities played a vital role in aligning with the holistic development goals emphasized by the National Education Policy (NEP) 2020. Recognizing the importance of physical well-being alongside academic growth, the orientation integrated a variety of sports and physical activities designed to promote teamwork, discipline, and fitness among First Year students on 9th September 2024 at PIET campus.



A Technical Session on Open Source Technologies:

A technical Session on Open Source Technologies by Ms. Nidhi Sharma titled "Open source is not just a code; it's a community of innovation" was conducted on 9th September 2024 at Seminar Hall, PIET.

Ms. Nidhi Sharma, an expert in open source contributions, provided insights into how students can engage with the open source community and leverage these technologies to enhance their skills and career prospects.



Learning Path for Placements:



The session, titled "Learning Path for Placements" on 10th September 2024 at Seminar Hall, PIET was designed to equip students with the necessary tools and strategies to enhance their employability. The guest speakers, Ms. Hina Azad and Mr. Manas Nyati, have extensive experience in open-source technologies, making them well-suited to address the key aspects of technical skills development and career planning.





MOOC Session:

A Massive Open Online Course (MOOC) Session on MOOC Courses was conducted on 10th September 2024 at Seminar Hall, PIET. The objective of this was to provide information to new entrants regarding Massive Open Online Courses from different sources like NPTEL, Coursera, Data Camp, Udemy.



These courses will not only strengthen students but also will help them to get placed in reputed companies these Courses are going to help students.

The session taken by Ms. Shikha Gautam, Dy. HOD-CSE.

The Red FM Talent Show:

The Red FM event, held on 10th September 2024, was organized to create an enjoyable environment for the students, featuring various performances including stand-up comedy, singing, and dance. Two students were specially selected during the event and got the opportunity to perform live on stage, enhancing the excitement of the gathering.

The primary objective of the event was to provide students with an entertaining and engaging experience through Red FM's special event. The activities aimed to foster a sense of relaxation and fun amidst the academic schedule, while also offering students a platform to showcase their talents.





Game of Mind:



Titled "Stress Relief, Developing Character, and Mind Control – Game of Mind," the session was aimed at teaching students to manage stress, build strong character, and control their minds in both academic and personal life. Sh. Hari Bhakti Das, a respected spiritual guide, was invited to inspire students with techniques rooted in mindfulness and self-discipline. The session was conducted on 11th September 2024 at Poornima Institute of Engineering and Technology.

A Session on Soft Skills:

Titled "Importance of Soft Skills for Engineering Graduates," this session was organized on 12th September 2024 at Seminar Hall, PIET to make students aware of the critical role soft skills play in their career development. Engineering students often focus on technical abilities, but this seminar stressed the need for effective communication, teamwork, and leadership as key elements for success in the workplace. Mr. Sandeep Menghani: An experienced professional known for his expertise in soft skills training, communication strategies, and leadership development was the session expert.



The session aimed to highlight the growing importance of soft skills for engineering graduates, emphasizing how interpersonal and communication skills complement technical expertise.



Students' Council Introduction:



On 12th September, the Student Council organized an introductory session for 22 clubs in PIET. Each club captain had the opportunity to speak for a few minutes, explaining the core activities and benefits of their clubs. The purpose of the event was to make students aware of the diverse opportunities available and how to get involved.

Clubs Introduced were :Aptineus Club, Origin Club, UdaanVikramajit Aeromodelling Club, The Graduate Gateway Club, The Cyborgs Club, Inventive Club, Debug Club, IEEE Club, ACM Club, ISTE Club, AWS Club, Joshiley Drama Club, Desi Kalakar Club, Sports and Fitness Club, Poornima Business Incubation Centre, Vibrant Vision , E-Sports Club, The Helping Hands Group, Women in Science and Engineering, Perfect Pixels, Literary Club and the Spic Macay club.



The event successfully showcased the diversity of clubs at PIET, encouraging students to participate in extra-curricular activities. Many students signed up for multiple clubs, indicating strong engagement and interest in community-building activities.



Yoga Session:

To promote holistic well-being among the incoming batch of students, PIET organized a rejuvenating Yoga Session from 17th September 2024 to 20th September 2024 at Turtle Garden, Poornima Institute of Engineering and Technology (PIET) as part of the Pahala Kadam Orientation Program. This initiative aimed to introduce students to the principles of yoga, emphasizing the importance of mental and physical health during their academic journey.

Yoga education helps in self-discipline and self-control, leading to immense amount of awareness, concentration and higher level of consciousness. Briefly the aims and objectives of Yoga education were:-

- To enable the student to have good health.
- To practice mental hygiene.
- To possess emotional stability.
- To integrate moral values.





Recreational Activities:

During Orientation Program Pehla Kadam for the new batch of students, Poornima Institute of Engineering and Technology (PIET) organized an enriching excursion to the majestic Amber Fort from 18th September 2024 to 20th September 2024 with a special focus on exploring the Indian Knowledge System.



The Orientation Program, designed to familiarize students with the institute's culture and values, included this visit to help students connect with India's rich cultural heritage and understand the significance of the Indian Knowledge System in modern times





Workshops, FDP and Seminars

Summer Internship on Ui/Ux & MERN batch 2023-24:

Department of Applied Science has successfully organized a fifteen days summer internship program on UI- UX Designing from 8 July 2024 to 24 July 2024 for the First year students. The training was conducted by College Dekho Imagin XP, Jaipur. The training was held at Lab No. AF03 PIET. There were two sessions organized each day of training and students gained advantages of learning new technologies as well as their hands on practice also. There were 40 students of First year participated in the training program to complete their summer internship.



For the first-year students, a fifteen-day summer internship program on MERN Stack Development was a highly successful event organized by the Department of First Year. The training was conducted by College Dekho Pvt. Ltd. The training took place in Lab No. AF03 at PIET.

There were two sessions organized each day, and students benefited from learning new technologies as well as hands-on practice. A total of 28 first-year students participated in the training program to complete their summer internship, from 8 July 2024 to 24 July 2024.



An AIESEC Session on Bridging Courses:



“ An AIESEC session on Bridging Cultures : A Journey of Global Perspective with AIESEC ” was conducted on 16th October 2024 at Human Values lab, PIET session was to explore and compile a detailed report on the culture of Venice, Italy. The report delved into various cultural aspects such as history, art, architecture, festivals, music, and culinary traditions of the city.





Campus Recruitment Training and Progression & Value Added Courses:

The primary objective of campus recruitment training (CRT) and Value Added Courses (VAC) at Poornima Institute of Engineering and Technology is to comprehensively equip students with the essential skills, knowledge, and attributes required to excel in the competitive job market. The program aims to foster holistic professional development by offering a diverse range of training modules and experiences. This includes honing technical expertise, cultivating soft skills, nurturing critical thinking, and fostering a proactive and adaptable mindset. Through an immersive and industry-relevant curriculum, the training endeavors to bridge the gap between academic learning and real-world application, preparing students to seamlessly integrate into the corporate landscape.

The courses offered during VACs to first year students are:-

During First semester:

- C Programming & OOPS
- HTML CSS with Java Script

During Second semester:

- IOT
- Python

The screenshot shows a Gmail interface with a search bar at the top. The email list on the left includes 'Compose', 'Inbox' (3,912), 'Starred', 'Snoozed', 'Important', 'Sent', 'Drafts' (6), 'Categories', 'Social' (8), 'Updates' (1,631), 'Forums' (4,047), 'Promotions' (63), and 'More'. The selected email is from 'Poornima Group Trainings <trainings@poornima.org>' to 'PIET, Poornima, Poornima, TPO, Training' dated 'Fri, Apr 11, 11:08 AM'. The subject is 'Course Content: 13 Day-Value Added Courses (CRT) | PIET-2028 Batch | Even Sem. 2024-25'. The email body contains the following text:

Dear students,
With reference to trailing mail, Please find attached the Course curriculum for the CRT workshop scheduled from April 15 to 18, 2025 at college campus.

On Fri, 11 Apr 2025 at 10:36, Poornima Group Trainings <trainings@poornima.org> wrote:

POORNIMA TRAINING AND PLACEMENT OFFICE
Date: April 11, 2025

Schedule :: 13 Day-Value Added Courses CRT Workshop (PIET-2028 Batch)

Dear students,

We are pleased to inform you that **Industry Institute Interaction (13) Day CRT Value added courses** will be conducted in **workshop mode** for 1st year (2028 batch) students **at college campus on April 15,16,17,18, 2025**. All students as per the attached list are required to attend the session as per below mentioned schedule. **Attendance is mandatory in all the sessions.**



FDP on Advanced Tools & Techniques:



Faculty Development Program on Advanced Tools & Techniques for Quality Research, Innovation & Analysis

Nov 19-23, 2024

Hands-on Practice

PATENT DRAFTING & FILING



Dr. Pankaj Kumar
IPPT-IPR CHAIR PROFESSOR, NLUJAL, ASSAM

AI TOOLS IN ACTION



Dr. Uday Pratap Singh
ASSOCIATE PROFESSOR (CSE), PIET, JAIPUR

LATEX FOR RESEARCH WRITING



Dr. Nitesh Pradhan
ASSISTANT PROFESSOR, CSE, LNMIT, JAIPUR

DATA ANALYTICS TOOLS



Dr. Gaurav Chhaparwal
CPE APPLICATION ENG., PPAANOV APPLICATIONS

RESEARCH PROPOSAL DRAFTING



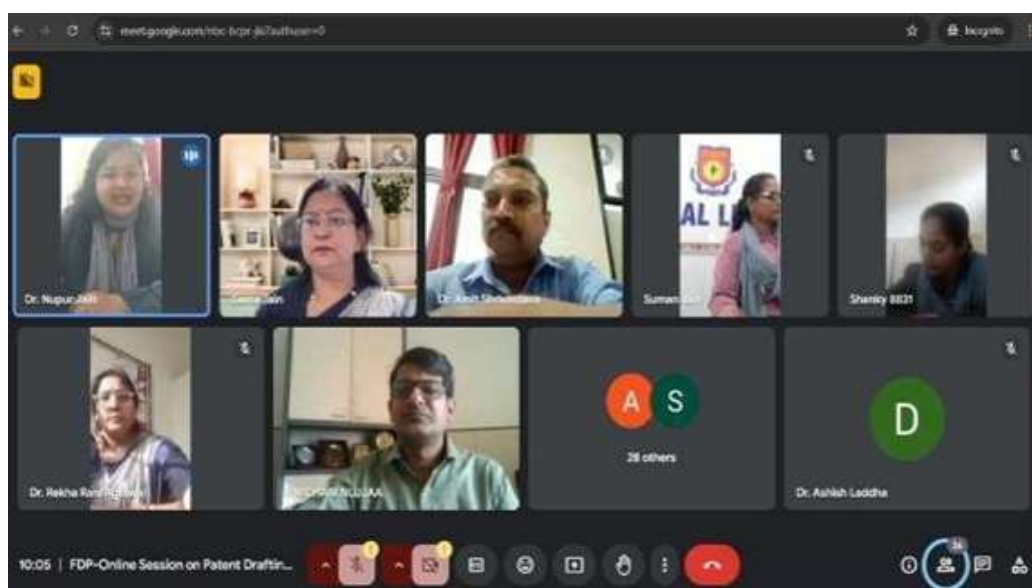
Dr. Sandeep Gupta
ASSOCIATE PROFESSOR, NAGS, PIET

Organized by - Department of Applied Sciences

Poornima Institute of Engineering and Technology (PIET), Jaipur has consistently been made efforts for imparting the quality and value- based education to its students, and promoting their holistic development through various means such as fostering of the National Education Policy 2020 and Indian Knowledge System (IKS), internationalization of education, emphasis on multidisciplinary education, among others.

The roles and responsibilities of faculties, in this regard, become of the utmost importance to enhance the learning of the future engineers, entrepreneurs, teachers, industry experts, among others in-line with the vision and missions of the institute to achieve its motto.

Moving one step ahead in this direction in consultation with the IQAC ,the Department of Applied Sciences, PIET, Jaipur organized the FDP entitled “Advanced Tools& Techniques for Quality Research, Innovation,& Analysis” from 19th November 2024 to 23rd November 2024.





3 Days FDP on Human Values:

About PIET

Poornima Institute of Engineering & Technology (PIET) has set numerous benchmarks in engineering education, consistently ranking in the top five in the QIV rankings by Rajasthan Technical University (RTU) for the past five years. PIET is the first institution in India to offer a B.Tech CSE program in a regional language under NEP 2020, emphasizing inclusivity in technical education. Rated Diamond by QS-Gauge for student employability, infrastructure, innovation, teaching, and faculty quality, PIET is also accredited by NAAC since 2019 and NBA for its B.Tech programs. The institute's strong industry connections have earned it a PLATINUM rating in the AICTE-CII Survey, and it hosts Rajasthan's first IDEA Lab. PIET boasts various specialized labs, including AICTE-MODROB's Neural Network & Deep Learning Lab, IBM, AWS, REDHAT, and ORACLE Labs. Recognized as a Center of Excellence for Advanced Digital Manufacturing, PIET promotes skill development and innovation. In research, PIET has published over 300 papers, including 270+ indexed in SCI & Scopus, and secured Rs. 1.20 Crores in research grants over the past five years. Its SPR cell has facilitated the publication of over 100+ patents, with 10 granted.

About Department

Department of Applied Sciences is the founding department of PIET, established in 2007 with the mission of imparting quality teaching and promoting implementation of practical aspects of Applied Science to build a solid foundation as part of the Engineering education. The department provides a strong footing to the students in first year of the engineering where students get acquainted with wide range of basic science and technical subjects and gets hands on experience on various instruments. This inculcates confidence and makes them ready for the task ahead by developing their logical and analytical skills, which will help them to prosper further in their career. The department offers basic science & engineering courses as prescribed by the curriculum of the RTU, Kota, Rajasthan.

Resource Persons

BROWSE THE LINK BELOW TO REGISTER :

<https://fdp-si.aicte-india.org/register1.php?detail1=703&detail2=north-west>

LINK TO JOIN WHATSAPP GROUP:

<https://chat.whatsapp.com/3P7Q85cz52F55kuCFefG>

ORGANIZING TEAM

CHIEF PATRON

Dr. Dinesh Goyal
Principal & Director

PATRON

Dr. Gautam Singh
Registrar & Chief Proctor

RSVP

Dr. Sama Jain
HoD & Professor, Department of Applied Sciences

LOCAL PROGRAM COORDINATORS

Dr. Krati Sharma
Professor, Department of English & Soft Skills

Dr. Ashish Laddha
Associate Professor, Department of Electrical Engineering

For any query, Text Free to Contact on 9304701618 or 9304701619

AICTE

Three Days Introductory Face to Face

Faculty Development Program

On

Inculcating Universal Human Values In Higher Education

ORGANIZED BY :

Department of Applied Sciences

3rd to 5th January, 2025

UNIVERSAL HUMAN VALUES

POORNIMA

Address:

TSI-2, RISCO Institutional Area, Sitapura, Goner Road, Jaipur-302022, Rajasthan

Visit us: <https://www.piet.poornima.org>

The Department of Applied Sciences organized a three-day face-to-face Faculty Development Program (FDP) on Universal Human Values (UHV) from 3rd to 5th January 2025. The sessions focused on holistic development through self-exploration, goal setting, self-management, and emotional well-being environment.

Topics such as health, relationships, societal roles, and environmental awareness were discussed to promote harmony with self, others, and nature. Participants reflected on their personal growth and created action plans to apply these values in daily life. The FDP successfully fostered a value-based perspective, encouraging responsible, conscious living and contributing to the development of a balanced and compassionate academic

पूर्णमा इंस्टीट्यूट में एआईसीटीई प्रायोजित एफडीपी आयोजित



दिव्य राठ

जयपुर। पूर्णमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी के एनएडएस सर्वोच्च डिपार्टमेंट की ओर से एआईसीटीई प्रायोजित तीन दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम आयोजित किया गया। 'इनवॉरियंटिंग यूनिवर्सल ह्यूमन वैल्यूज इन हायर एजुकेशन' थीम के तहत, अखिलेश्वर पांडे ने बताया कि एक ही चीजों को जानकारी दी। उदाहरण के तहत, हमें अपने जीवन में जो चीजें मिलती हैं, वे हमारे जीवन को बेहतर बनाती हैं। हमें अपने जीवन में जो चीजें मिलती हैं, वे हमारे जीवन को बेहतर बनाती हैं। हमें अपने जीवन में जो चीजें मिलती हैं, वे हमारे जीवन को बेहतर बनाती हैं।





FDP on Preserving Local Dialects:

The six-days AICTE-ATAL Online Faculty Development Programme (FDP) entitled “Preserving Local Dialects Using Multi-layer Perceptron for Sustainable Development of Communities” was organized by Department of Applied Sciences, PIET, Jaipur from January 20th to 25th, 2025.

AICTE-ATAL Online Faculty Development Programme
Preserving Local Dialects Using Multi-layer Perceptron for Sustainable Development of Communities
Application No.: 173099724
20th - 25th January, 2025

Organized by: Department of Applied Sciences, PIET, Jaipur

Faculty: Dr. Dinesh Goyal (Principal & Director), Dr. Gautam Singh (Regional & Dist. Professor), Dr. Sama Jain (HOD & Professor, Department of Applied Sciences), Dr. Kailash Sharma (Associate Professor), Dr. Ashish Lodha (Associate Professor, Department of Applied Sciences)

Target Group: Assistant Professors/Associate Professors (P.T.D. Scholars) who are eligible from the Higher Education Institutions.

Assessment: Candidates will be eligible to receive the certificate only if they have the minimum of 80% attendance and pass the MCQ based test.

Registration Fee: No Registration Fee for participants. Session will be done based on first-come, first-served basis and the confirmed candidates will be notified immediately. The maximum number of participants will be 100 (one-hundred).

Expected Outcomes: The FDP aims to "Preserving Local Dialects Using Multi-layer Perceptron for Sustainable Development of Communities". The following objectives are of major concern while conducting the FDP:

- To ensure digitalization of various local dialects.
- To ensure permanent availability of such dialects.
- To ensure the ease of readability of people towards these dialects.
- To ensure sustainable development of associated communities.
- To promote the SDG and NEP 2020 initiatives of the Government of India.

Expected Outcomes:

- Understanding the significance of dialects from social and cultural perspectives and necessity of their digitization.
- Getting insights about the pathway towards deep learning.
- Understanding of Python in classification problems.
- Understanding the need of transitioning from Single-layer Perceptron towards Multi-layer Perceptron.
- Understanding the Connection Link between Multi-layer Perceptron and SDG.
- Promoting the NEP 2020 in view of ensuring the sustainable development of the Indian Subcontinent.
- Promoting dialects towards sustainable development of communities in line with the vision of the SDG through the cutting-edge technology.

This FDP aimed at exploring the role of the AI and Machine Learning (ML) specifically Multi-layer Perceptron (MLP) in preserving endangered dialects and promoting cultural sustainability. Through experts-led sessions, participants learnt about audio signal recognition, text (signal) processing, and the suitable ML techniques for dialects preservation.

Awareness on Financial Security, Economic Trends and Banking:

On February 15, 2025, the National Service Scheme (NSS) unit of PIET collaborated with HDFC Bank to organize an informative awareness session on financial security and economic trends. The session was designed to equip faculty and staff with valuable insights into financial planning, wealth management, banking essentials, and cybersecurity awareness. The event was graced by the presence of Mr. Ankit Samriya, Branch Manager of HDFC AMC Jaipur, who provided expert guidance on various financial topics.

EXPERT TALK ON ECONOMIC TRENDS AND BANKING ESSENTIALS

Mr. Ankit Samriya
Branch Manager, HDFC AMC
JAIPUR, Rajasthan

OUR PARTNERS: POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY, NSS UNIT, JAIPUR

The image shows a presentation slide for the event, a photo of Mr. Ankit Samriya speaking, and a photo of the event taking place in a lecture hall with an audience seated at desks.



Master Class on C Programming using Linux:



The Department of Applied Sciences successfully organized a 6-Day Workshop on "Master class on C Programming using Linux" in collaboration with the ISTE, exclusively for 1st year B.Tech students. The workshop was coordinated by Dr. Sama Jain and Ms. Charul and aimed to introduce students to systems programming in a Linux environment using the C language. A total of 67 students actively participated and qualified for the certification.

The six-day hands-on workshop, led by Ms. Charul Bapna, offered an in-depth journey into Linux-based development with a strong foundation in shell scripting and C programming.

Mastering UI/UX Design:

The Department of Applied Sciences successfully organized a 6-Day Workshop on "UX/UI Design using Figma" in collaboration with ISTE, exclusively for 1st-year B.Tech students. The workshop was coordinated by Dr. Sama Jain and Ms. Charul, and aimed to introduce students to user-centric design principles and practical interface designing using Figma. A total of 50 students actively participated and qualified for certification.





NITTTR FDP on Mentoring Skills :

The Department of Applied Sciences at PIET successfully hosted a 5-day FDP on “Mentoring Skills for Effective Curriculum Implementation” from March 3–7, 2025, in hybrid mode, as a remote centre of NITTTR Chandigarh. Coordinated by Dr. Krati Sharma, the sessions emphasized mentoring, counselling, emotional intelligence, communication, and employability skills. Speakers from academia including Dr. B.R. Gurjar, Dr. Shilpa Suri, and Mr. P.K. Singla enriched participants through dynamic, skill-based learning. The program enhanced faculty capacity for holistic student development and curriculum delivery.

Awareness on Urinary Tract Infection:

Urinary Tract Infection (UTI) is a common yet often neglected health issue that affects a significant portion of the population, especially women. To address this concern, Poornima Institute of Engineering & Technology (PIET) organized an awareness session in collaboration with Swasthya Kalyan Homeopathic Medical College, Jaipur. The event featured expert speakers from the field of homeopathy, who provided valuable insights into the causes, symptoms, and preventive measures for UTIs. Dept. of Applied Sciences students' attended the session.



Speakers: Dr. Puja Chajer – Assistant Professor, Department of Homeopathic Materia Medica, Swasthya Kalyan Homeopathic Medical College, Jaipur
Dr. Anjali – BHMS, PG Scholar



Cybotics: Ethical Hacking Workshop:



The Ethical Hacking Bootcamp was successfully organized by The Cyborgs Club with the objective of equipping students with practical cybersecurity knowledge. The two-days event on 19th and 20th March included hands-on training, live demonstrations, and interactive Capture the Flag (CTF) challenges, aimed at enhancing participants' understanding of hacking techniques and cybersecurity defense.

Soroban Accelerated Bootcamp:

To introduce students to Web3 fundamentals with a focus on blockchain concepts, smart contract development, and decentralized application (dApp) building using the Stellar blockchain and Soroban smart contracts. Participants not only learned the theoretical aspects of Web3 but also got their hands dirty with real-time coding, exploring what it means to build applications on a decentralized ecosystem.





POORNIMA

INSTITUTE OF ENGINEERING & TECHNOLOGY

An Autonomous Institution approved by RTU, AICTE & UGC • NAAC 'A' Accredited



Master Class on Front End Development:

"Build the Web, Shape the Future"
6 DAYS MASTERCLASS ON FRONTEND DEVELOPMENT

TOPICS COVERED:

- HTML5, CSS3, JavaScript, ReactJS

April 7th - 12th, 2025
12:50 PM TO 2:50 PM

CHIEF MENTOR
Dr. Dinesh Goyal
Director and Principal,
PIET

TRAINER
Mr. Shubham Jain
GRRAS Solutions Pvt. Ltd.

COORDINATORS
Dr. Sama Jain
HoD, PIET
Ms. Charul Bapna
Assistant Professor,
PIET
Mr. Arvind Mathur
Assistant Professor,
PIET

**Organised By: Department of Applied Sciences
In Association With: GRRAS Solutions Pvt. Ltd.**

In today's rapidly evolving digital landscape, the demand for intuitive, responsive, and visually appealing user interfaces has never been greater. Frontend development plays a crucial role in shaping the user experience and delivering seamless interaction between users and web applications. Recognizing the importance of front end technologies, a Master class on Frontend Development was conducted to equip participants with foundational and advanced skills necessary to build modern web interfaces.

The session "Build the web shape the future" titled 6 days masterclass on frontend development from 7th - 12th April 2025 was. Mr. Shubham Jain was the trainer for the session.

5 Days FDP on Facilitating IGNITE Course in Entrepreneurship:

The Department of Applied Sciences at PIET, in association with RTU, Kota and the Wadhvani Foundation, organized a 5-day Faculty Development Program (FDP) from 21st April to 25th April on Entrepreneurship to promote innovation and a startup mindset among faculty and students.

The program was inaugurated in the esteemed presence of Dr. Harish Sharma and Dr. S.D. Purohit from RTU, Mr. Amit Singh from Wadhvani Foundation, and senior PIET officials including Dr. Dinesh Goyal (Principal & Director) and Dr. Balwan Sheshma (Registrar).

The inaugural speeches emphasized the vital role of faculty in nurturing entrepreneurial spirit. Sessions covered real-world startup scenarios, faculty roles in entrepreneurship, and the impact of institutions like the Wadhvani Foundation. The FDP successfully equipped faculty with tools to inspire future innovators.



International Conference on Sustainable & Intelligent Computing in Science and Technology (ICSICST-2025):

To foster innovation, collaboration, and scholarly exchange in the dynamic realms of sustainable and intelligent computing, the Department of Applied Sciences at Poornima Institute of Engineering and Technology (PIET), Jaipur, proudly inaugurated the International Conference on Sustainable & Intelligent Computing in Science and Technology (ICSICST-2025). The two-day international event was held from May 16–17, 2025, at the PIET campus, with participation from distinguished academicians, industry professionals, and researchers from across the globe.

The conference commenced with an inaugural ceremony graced by eminent personalities. The Chief Guest, Dr. Yashpal Soni, Chief Information Officer, H.G. Infra Engineering Ltd., Jaipur, was warmly welcomed with a bouquet and shawl as a gesture of honor. The event also featured Guest of Honour Prof. (Dr.) Seema Verma, Professor of Electronics and Communication Engineering and Additional Project Director (Siemens), NITTTR, Bhopal, who joined the ceremony virtually. The Keynote Speaker, Prof. (Dr.) Somitra Sanadhya, Professor at the Department of Computer Science and Engineering, IIT Jodhpur, was also felicitated on stage.

The program began with a formal welcome and report presentation, followed by an address by Dr. Dinesh Goyal, Principal & Director, PIET. He emphasized the significance of ICSICST-2025 in promoting cutting-edge research and interdisciplinary collaboration.



Prof. (Dr.) Seema Verma, in her virtual address, highlighted the transformative role of Artificial Intelligence and modern digital tools in shaping a sustainable and intelligent future. Dr. Yashpal Soni, in his keynote remarks, spoke extensively on the integration of intelligent computing in scientific and technological domains, sharing valuable insights from his industry experience.

An intellectually stimulating keynote address was delivered by Prof. (Dr.) Somitra Sanadhya on the compelling topic “The Snowden Revelations and the Aftermath”, shedding light on crucial aspects of cybersecurity and digital ethics in the modern world.



A Session by Yi YUVA on Scope of Business in Rural India:

In the current global scenario, the emphasis on inclusive and sustainable development is stronger than ever. Realizing the untapped potential in rural India, the YUVA cell of PIET, in collaboration with CII and Yi Young Indians, conducted a live session titled “Scope of Business in Rural Areas” on 5th May 2025. The event aimed to stimulate entrepreneurial thinking focused on rural innovation and problem-solving.

The session featured Ms. Bhaavya Goenka, a young entrepreneur, designer, and founder of IRO IRO, who shared her personal journey, professional insights, and strategies for creating meaningful ventures rooted in rural communities. The students of first year participated in the event.



The primary objective of the event was to educate and inspire students about the immense potential and opportunities available in rural areas for entrepreneurship and business development. It aimed at encouraging young minds to contribute towards rural upliftment through innovation and startups, and to break the misconception that rural areas lack business scope.



Events & Activities

Teacher's Day Faculty Felicitation Program:

On the occasion of Teacher's Day, a heartfelt felicitation ceremony was held on 5th September 2024 to honor the dedication, guidance, and relentless efforts of our esteemed faculty members. The event served as a token of gratitude from students and the institution alike, celebrating the mentors who shape minds and futures with unwavering commitment.

The program featured warm tributes, nostalgic reflections, and a spirited cultural segment, all echoing the deep respect we hold for our educators. Tokens of appreciation were presented as a small gesture to recognize their invaluable contributions.





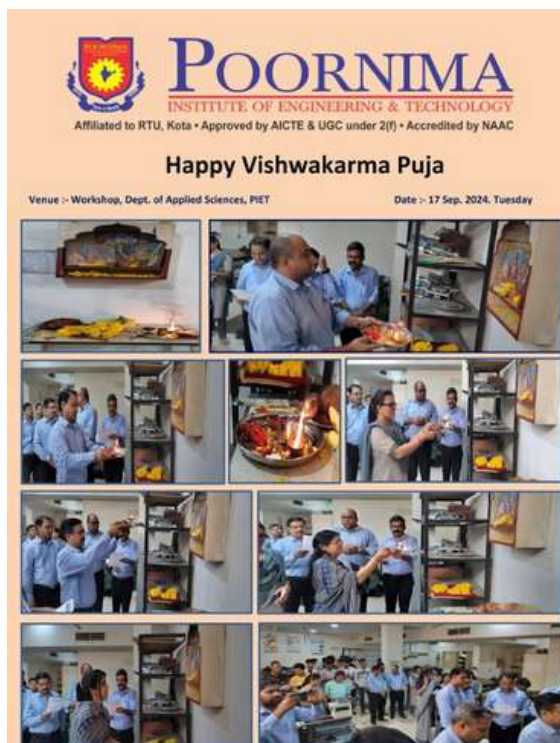
Engineer's Day:



On 13th September 2024, the Seminar Hall at PIET was filled with over 300 students, faculty members, and guests as the institute celebrated Engineer's Day. Organized by Dept. of Applied Sciences, the event was designed to commemorate the legacy of Sir M. Visvesvaraya, a pioneering engineer and visionary, while promoting a sense of pride and responsibility among the students.

Vishwakarma Pooja:

The Pooja for Vishwakarma Jayanti conducted on September 17, 2023 at PIET by Applied sciences department. This is a revered Hindu festival, pays homage to Lord Vishwakarma, the celestial architect and artisan, this festival celebrates the ingenuity and craftsmanship attributed to Lord Vishwakarma. This year's Vishwakarma Pooja was marked by vibrant festivities despite prevailing challenges. Devotees and craftsmen meticulously prepared for the occasion by embellishing their workplaces, factories, and tools. On the auspicious day of Vishwakarma Puja, All faculty members and staff gathered to perform intricate rituals. Adorned with garlands and vermilion, idols and images of Lord Vishwakarma became focal points for prayers and hymns. Offerings of fruits, sweets, and other delicacies were presented as tokens of gratitude and devotion.





Prabhav X Retro : Freshers 2024:

The Freshers' Party Prabhav X Retro aimed to provide an exciting and memorable welcome to the first-year students at PIET. The event allowed freshers to showcase their talents, interact with fellow students, and participate in an engaging, retro-themed celebration that reflected the spirit of the past. On 28th September 2024, The Student Council of PIET hosted Prabhav X Retro, an unforgettable Freshers' Party that embraced the charm of the retro era. The event marked the official welcome of the new batch of students, featuring a variety of retro-themed performances and interactive activities. From music to fashion and games, Prabhav X Retro provided a platform for students to showcase their creativity and talents while enjoying a trip down memory lane with the nostalgic theme. The event was packed with singing performance, dance performances, interaction activity by Red FM, talent round, band performance, Ramp walk, Felicitation of previous council, Announcement of Mr. and Ms. Freshers and DJ party.





Prerna Session:

PRERNA: Empowerment session with Miss Rajasthan 2024 Harishka Batra Oriented to inspire and empower equally both women men confidently pursue their life goals was conducted on 12th October 2024 at Poornima Institute of Engineering and Technology. The event was attended by the students of Department of Applied Sciences.

Ms. Harshika not only shared her story of becoming Miss Rajasthan 2024 revealing insights of her journey, struggles and success but also motivated students to never stop believing in themselves and work smart hard achieve your goals. She also stressed on self love and asked students to be confident and have self esteem.

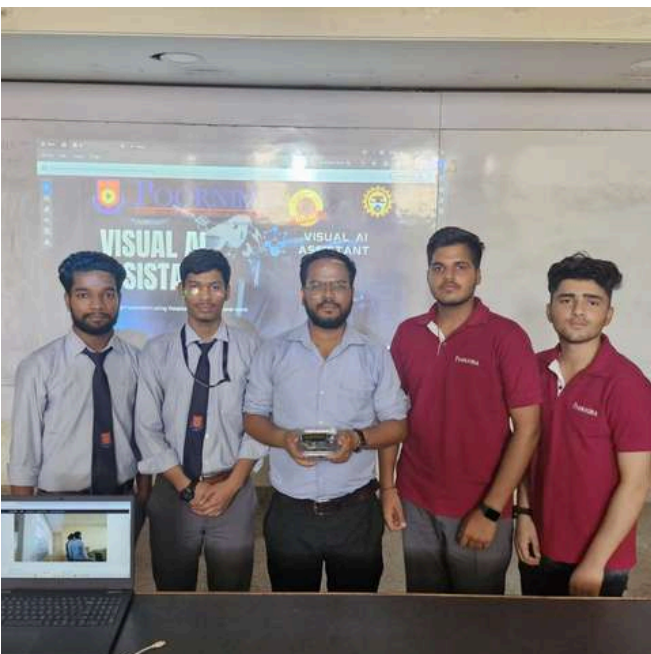
An interesting activity for the students was also conducted at the end of the event which not only students enjoyed participating but also made them come out of thier comfort zones and confidently participate in the activity.





UDHBHAV 2024:

The National Level Project Exhibition - UDHBHAV 2024 was held on November 6, 2024, at Poornima Institute of Engineering and Technology (PIET), Jaipur. This flagship event celebrated student innovation, creativity, and technological excellence by providing a platform to showcase groundbreaking ideas and solutions. Organized under the aegis of the Institution's Innovation Council (IIC) and supported by the IDEA Lab, the exhibition aimed to inspire students to develop projects addressing real-world challenges.



National Level Project Exhibition
UDHBHAV-2024
Wednesday, November 6, 2024

In Association with
INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD, Government of India)

Technically Co-Sponsored by
IDEA Lab
Indian Society for Technical Education, Computer Society of India, The Institute of Engineers (IIE)

Project Submission Deadline
October 24, 2024

Organized by
POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by RTU, Jaipur • Approved by AICTE & UGC under [UPE] • Accredited by NAAC

SCANNING QR CODE
FOR FURTHER INFORMATION

Scan To Register

For Further Information :
Contact Number : 9950809440 | Email: udhbhav@poornima.org



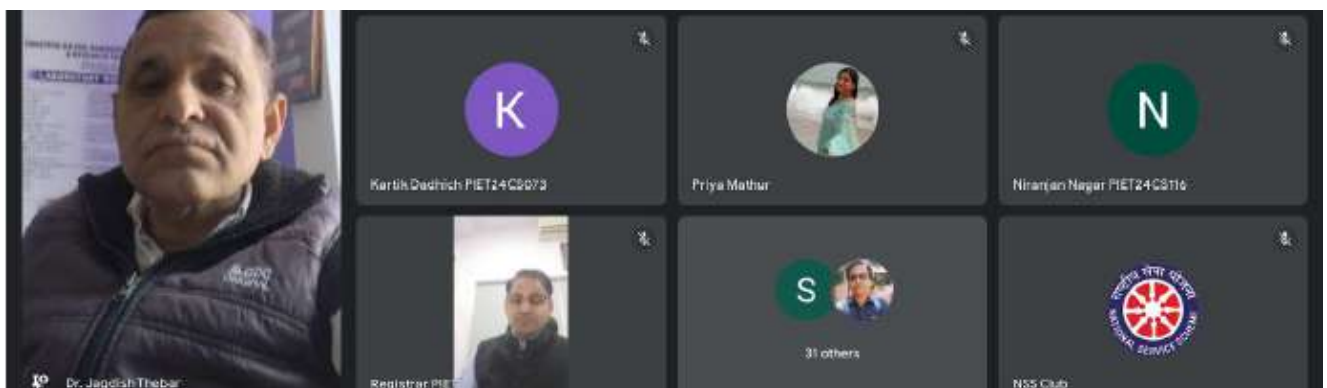
Voices of Impact: Empowering Minds Through Positivity:

On the 6th of December 2024, the Literary Club organized an impactful session titled 'Voices of Impact: Empowering Minds Through Positivity' in the Seminar Hall. The session was graced by the presence of Anmol Kaushal, a renowned motivational speaker known for engaging and enlightening talks. With over 80 attendees, the session created a vibrant and interactive atmosphere for learning and inspiration.



World AIDS Day:

The World AIDS Day commemoration event was held on 10th December 2024 with great enthusiasm and commitment to raising awareness about HIV/AIDS. This year's theme, "Take the right path: My health, my right!" highlighted the necessity of ensuring access to quality healthcare without stigma or discrimination. The event aimed to reinforce the importance of human rights, dignity, and equal opportunities for individuals living with HIV/AIDS.





Run for Viksit Rajasthan:

Run for Viksit Rajasthan 2024: A run was organized during the event, in which the students participated and created awareness about the development of Rajasthan. Students of NSS Club of PIET took part in Run for Viksit Rajasthan - 2024 which was held on 12/12/25 at 7.00 am. The marathon was started from Amar Jawan Jyoti and ended at Sawai Man Singh stadium. Our honorable Chief Minister Mr. Bhajan Lal Sharma as chief guest of the event. Mr. Rajya Vardhan Singh, Minister of youth affairs and sports department of Rajasthan, Mr. Neeraj K Pawan, Jila Collector, Mr. Gopal Sharma, MLA Civil Lines graced the occasion with their presence. Students of Department of Applied Sciences participated enthusiastically in the event.





NSS Innaugral Session:

The NSS Inaugural and Orientation Ceremony was successfully conducted at the Seminar Hall of Poornima Institute of Engineering & Technology (PIET), Jaipur. The event commenced at 10:45 AM with the assembling of student volunteers and concluded at 12:25 PM.

The ceremony was graced by several dignitaries, with Sh. S.P. Bhatnagar, Regional Directorate of NSS, Government of Rajasthan, serving as the Chief Guest. Dr. Krishna Kumar Kumawat, State Coordinator of NSS, attended as the Guest of Honor. Other notable guests included Mr. Dinesh Gupta, Senior Statistical Officer of NSS, and Dr. Snigdha Sharma, Principal of Government College, Jaipur and Former District Coordinator of NSS Jaipur.



The ceremony concluded with a vote of thanks delivered by Mr. Khagendra Yadav, Captain of the NSS Club at PIET. The event successfully set the tone for NSS activities at PIET for the upcoming academic year, emphasizing the importance of youth empowerment and community service.

The well-structured program effectively combined ceremonial elements with informative sessions, creating an engaging platform for student volunteers to understand the significance and objectives of the National Service Scheme. Students of Department of Applied Sciences not only attended the event but also showed interest in becoming the volunteers of NSS.



National Youth Day:

Poornima Institute of Engineering and Technology celebrated National Youth Day 2025 on January 15th to commemorate the birth anniversary of Swami Vivekananda. The NSS Club of the institute organized a debate competition on the topic "Social Media- A Boon or Bane for the Youth?". With the active involvement of students and careful evaluation by a panel of respected faculty members, the competition fostered critical thinking and healthy discourse. The event not only highlighted the diverse perspectives surrounding social media but also encouraged participants to consider its broader implications for the youth of today.



Makar Sankranti Celebration:

The Students' Council of PIET organized a delightful celebration of the harvest festival Makar Sankranti on 11th January 2025 at the Amphitheatre, PIET. Designed exclusively for faculty and staff members, the event was a vibrant blend of culture, entertainment, and appreciation. It served as a thoughtful initiative by the students to express gratitude toward the teaching and non-teaching staff, while also fostering a spirit of unity and joy. The students and faculty of Dept. of Applied Sciences attended the event.





76th Republic Day:

Poornima Institute of Engineering & Technology, an esteemed institution affiliated with RTU Kota and accredited by NAAC, is set to celebrate the 76th Republic Day on January 26, 2025. The celebration carries special significance this year as it marks the completion of 75 years of India as a republic, with the theme "स्वच्छ और हरा पररसर" (Clean and Green Campus).



The celebration has been thoughtfully structured to include both ceremonial and environmental initiatives: Flag Hoisting Ceremony, NSS Activities, Cultural Events, Plantation Drive and Campus Cleanliness Campaign.





Kuchipudi Demonstration by The SPIC MACAY Club:

The objective of the "Kuchipudi dance demonstration and interactive session" was to promote Indian classical dance and music among students, to provide students with an opportunity to learn about Kuchipudi dance, its history, and significance, to facilitate an interactive session between the artist and students, promoting a deeper understanding of the art form, to inspire students to explore and appreciate Indian classical dance and music and to foster a sense of community and appreciation for the arts among students. The event was conducted in Dr. S.M. Seth Auditorium from 10:30 A.M. to 12:00 P.M. for first year students. The event was a huge success with an exceptional cultural experience. The Dept. of Applied Sciences attended the event.





7 Days Camp by NSS:

National Service Scheme (NSS) club at Poornima Institute of Engineering and Technology organized a seven day camp from 25th February 2025 to 3rd March 2025 at PIET.



The Special Seven Day Camp was designed with the following core social objectives of Community Empowerment, Youth Development, Social Inclusion, Awareness Creation and Capacity Building.

Students from the Department of Applied Sciences actively participated in the 7-day NSS (National Service Scheme) camp as dedicated volunteers and coordinators, contributing to the smooth execution of various community service initiatives and awareness programs.

The volunteers of NSS of Department of Applied Sciences were also felicitated with certificates at the end of the seven day camp for their hardwork, enthusiasm, leadership skills, initiative etc to make this event successful.



Women's Day Celebration:

In celebration of Women's Day, NSS, SPIC MACAY, and the WISE Club at PIET organized a vibrant series of activities for female faculty and staff. The highlight was a Saree Walkathon from 8:30 to 10:30 A.M., where participants walked gracefully in sarees, promoting unity and empowerment.

The celebration continued with fun-filled games like Antakshari and Housie, creating a joyful atmosphere of relaxation, bonding, and celebration. The event was a heartfelt tribute to the strength, spirit, and achievements of women.



Old Age Home Visit, 20th Mar. 2025:

World Happiness Day, celebrated annually on March 20, serves as a reminder to promote well-being, kindness, and joy among individuals and communities. In light of this, the Department of Applied Sciences and NSS at PIET organized a visit to an old age home to spread happiness and positivity among senior citizens. The initiative aimed to foster emotional connections, encourage social responsibility, and create a memorable experience for both the elderly residents and the participants. The event was coordinated by Dr. Prince Dawar, Associate Professor of Applied Sciences.





Expert Session on World Health Day:



World Health Day, observed annually on April 7th, is a global health awareness day celebrated under the sponsorship of the World Health Organization (WHO). To mark this occasion, Poornima Institute of Engineering & Technology (PIET) organized a Cancer Awareness Program in collaboration with the Department of Applied Sciences and the NSS (National Service Scheme) Unit of Poornima Institute of Engineering and Technology.

Debate Competition by ISTE:

The ISTE Club of Poornima Institute of Engineering and Technology organized an intense and thought-provoking Debate Competition on 9th April 2025, centring around the theme “Singularity: Will the development of super intelligent AI lead to an existential risk for humanity, or is this an exaggerated concern?” The event was judged by Dr. Prince Dawar, a respected figure known for his expertise and balanced insights. The competition witnessed a passionate both in Favour of and against the topic. The event aimed to engage students in meaningful discussion around one of the most critical and futuristic technological issues facing our world. The event witnessed enthusiastic participation from students across various branches and years.





World Earth Day:

World Earth Day, observed globally on April 22nd, is a day dedicated to advocating for environmental protection and sustainable development. To commemorate this important occasion, the NSS Club of PIET, under the guidance of the Ministry of Youth Affairs and Sports, hosted a Poster Competition. This initiative was part of the larger vision of national programs such as Mera Yuva Bharat (My Bharat), aimed at mobilizing youth for social impact and environmental responsibility.



Celebration of World Environment Day:

World Environment Day, celebrated globally on June 5th, serves as a reminder to protect and preserve our planet. To mark this important occasion, Poornima Institute of Engineering & Technology organized a Tree Plantation Drive at the main gate of the campus. The event highlighted the importance of greenery, reducing carbon footprints, and taking collective action for a better tomorrow.





NSP Project Evaluation batch 2024-28:

It is a non-syllabus project which plays a crucial role in shaping a student's overall learning experience as these projects are designed to supplement and enhance academic knowledge by offering hands-on, practical learning opportunities among the budding engineers. It fosters creativity and innovation and bridges the gap between theory and practice which further develops the critical thinking and problem-solving skills in them.



Projects include :

Turbidity sensor, Smart Bridge, Self Balancing robot, Earthquake Detector, Wireless home security system, Visual AI Assistant, Bio mechanical arm, Automatic light control system, Advancee farming hydroponic plant grow chamber 3 layer, SMARS Spider mod robot, IOT in disaster management, DIY Arduino Arm, ARS Defence artillery prototype, Strom warden, AI crop disease detector, Sound to electrical energy conversion, High security smart key tech, Fire sensor circuit, MQ3 SENSOR, Green House Monitoring System, Efficient train platform crossing system, Smart Helmet for Minning Workers, Automatic street light energy conservation , Home Automation with GSM Module, NIGHT PETROLLING ROBOT IOT, Smart water dispenser, Air Quality Index (AQI) Monitor, Home monitoring system, Arduino GPS Speedometer with Analog Gauge, Pulse Oximeter, Renewable Charging station , Smart traffic light signal, Vikrant (line follwing rover), Smart home automation system,Smart Light using Arduino, Iot based minning worker safety helmet, K⁶-Bot⁶, SUPER HIGH PRECISION LINE FOLLOWER ROBOT,Weather monitoring system, Disaster management system, Fire Fighter Robot, Self balancing car holder for vehicles, Wi-Fi Signal Strength Monitoring System,Smart Irrigation System etc.

Students of Applied Sciences participated and made thier projects under the NSP theme.



International Yoga Day:

Recognizing yoga as a powerful tool for health and harmony, the Department of Applied Sciences at PIET took the initiative to organize a meditative session “Enhancing Wellness and Growth Through Sahaja Yoga Meditation” on 21st June 2025 on the occasion of International Yoga Day. Dr. Hemant Kumar Meena (Sahaja Yoga Expert & Associate Professor, Department of Electrical Engineering, MNIT Jaipur) as the chief guest. With an emphasis on Sahaja Yoga Meditation, the event sought to introduce participants to an easy, effective, and scientifically-backed method of achieving inner peace and mental clarity in today's fast-paced life. Dept. of Applied Sciences attended the event.

The main objective of this session was to celebrate International Day of Yoga 2025 under the global theme “Yoga for One Earth, One Health”. The session aimed at promoting holistic wellness, mental peace, emotional stability, and spiritual growth through Sahaja Yoga Meditation, a unique method of achieving self-realization and inner balance.





Social & Outreach

Plantation Drive:



The Helping Hands Group, organized a plantation drive on 19th October in the villages and schools of Vimalpura, Aashawala and Shaligrampura. This initiative aimed to mitigate the effects of deforestation, enhance local biodiversity, and raise awareness about environmental protection within rural communities. Total 40 saplings, consisting of native species such as neem, banyan etc. were planted by the group across the village's public areas and schools. The students of Applied Sciences participated in the event.

School Visit:

The Helping Hands Group organized a school visit on 19th October aimed at supporting the educational development of underprivileged students through the donation of essential stationery items. In addition to the donation, interactive sessions were conducted to engage the students and encourage a sense of curiosity and creativity. The primary goal of this visit was to equip students with the resources they need to excel academically and to inspire them through meaningful interactions. The students of Applied Sciences participated in the event.





Social Awareness:



The Helping Hands Group organized a school visit on 19th October to educate students on key social issues through an interactive social awareness campaign. By utilizing posters and skits, the group aimed to deliver important lessons on basic etiquette, dengue prevention, and energy conservation. Additionally, the group performed skits addressing the increasing problem of excessive social media use, helping students understand its negative impacts. The initiative aligned with the group's mission to foster responsible behaviour and create a more informed and aware student community. The students of Applied Sciences participated in the event.

VASTRADAAN 4.0:

Helping Hands Group successfully organized VASTRADAAN 4.0 on 26th November 2024. The event was part of our ongoing mission to support underprivileged sections of society by addressing their basic needs. With winter approaching, this drive focused on donating 1,400+ clothes to children, women, and men across three locations: Kiron ki Dhani, B2 Bypass, and Dwarka Puri. The students of Applied Sciences participated in the event.





Health Check Up Camp:

To promote health awareness and well-being among students and staff of Poornima Institution of Engineering on 13th December 2024 by facilitating personalized health assessments through the 'Prakruti Parikshan' initiative, conducted by expert doctors as part of the "Desh Ka Prakruti Parikshan" campaign. This activity aims to educate participants about their unique body constitution (prakruti) based on Ayurvedic principles and encourage lifestyle modifications for holistic health and wellness.



Blood Donation Camp:

Poornima Group organized a blood donation camp on 10th March 2025 in collaboration with the NSS unit, Jain Social Group (Emerald), and Young Indians – Jaipur Chapter. The event witnessed active participation from students, faculty, and staff, who contributed to this noble cause with great enthusiasm. The initiative was also supported by Santokba Durlabhji Hospital, ECHS, JNU Hospital, Mahatma Gandhi Hospital, and Swasthya Kalyan Blood Bank. The camp was a significant step in promoting community welfare and supporting healthcare facilities with much-needed blood supply. Students of Dept. of Applied Sciences participated in the camp.





Industrial Visit

A Visit to Meteorological Centre:

The industrial visit to the Meteorological Centre on 17th September 2024 at IIHM University, Pratap Nagar, Jaipur for the first year students was aimed at providing students with practical insights into meteorological services, data collection, and analysis techniques., understanding weather patterns and their implications on various sectors is essential for students in fields such as environmental science, engineering, and agriculture.



The visit to the Meteorological Centre was an enriching experience that enhanced our understanding of meteorology and its practical applications. It provided a valuable perspective on how weather forecasting influences various sectors and the importance of data accuracy in decision-making.





A Visit to Dainik Bhaskar's Print Plant:

On 18th September 2024, the students of Poornima Institute of Engineering and Technology (PIET) had the opportunity to visit Dainik Bhaskar's Print Planet and the Telecom Centre of Excellence (TCoE) as part of an industry visit aimed at providing real-world insights into the operations of leading industries. The visit was organized to help students understand the practical application of theoretical knowledge, particularly in the fields of mass communication, print media, and telecommunications.

The industry visit to Dainik Bhaskar Print Planet and TCoE was a highly enriching experience for the students of PIET. It provided them with valuable exposure to industry practices, modern technologies, and professional expertise in both the media and telecommunications sectors. This visit not only expanded their knowledge base but also encouraged them to think critically about future career paths in these dynamic industries.





A Visit to R CAT & TCoE:

The visit to R CAT will be particularly exciting as it included advanced technologies from renowned global companies like Adobe, IBM, and others. Students will have the opportunity to witness the latest innovations in artificial intelligence, cloud computing, and software development tools from these technology giants. This hands-on exposure will not only developed their understanding of how these technologies are applied in different sectors but also spark their creativity and ambition to develop new solutions in the future. Being surrounded by these pioneering tools and platforms will give students a glimpse of the innovation-driven world they are stepping into.

Following this, the students will visited TCoE, a premier institution dedicated to the advancement of telecommunications. With telecom being the backbone of modern communication, students got an inside look at how technologies such as 5G, IoT, Drones Technology and AI-powered communications are transforming industries. The visit allowed them to interact with professionals who are at the forefront of these technological revolutions, helping them understand how these systems work and how they are pushing the boundaries of connectivity and data sharing globally.





A Visit to Civil Construction Site:

A civil site visit is an essential part of engineering and construction projects, providing firsthand insight into the progress, challenges, and adherence to safety and quality standards. This visit aims to assess the current state of construction, ensure compliance with design specifications, and identify any potential issues that require attention. The observations and findings from this visit will aid in effective project management and decision-making.



A Visit to Civil Construction Site at Poornima University Jaipur was conducted on 26th February with the objectives:

- Evaluate the structural integrity and quality of construction work.
- Verify compliance with project plans, specifications, and regulatory requirements.
- Inspect the availability and proper utilization of construction materials and equipment.
- Assess workforce productivity and adherence to safety protocols.
- Identify any project delays, risks, or quality concerns and recommend corrective actions.





Visit to Bhamashah Techno Hub by ISTE Club:

The ISTE Club of Poornima Institute of Engineering and Technology organized an industrial visit to Bhamashah Techno Hub, Jaipur, on 5th May 2025, exclusively for first-year ISTE members. This visit aimed to immerse students in the dynamic world of startups and innovation by exposing them to India's largest government-supported startup incubator. Through guided interactions, tech demonstrations, and real-time exposure to entrepreneurial ecosystems, the event offered a unique opportunity to understand how ideas evolve into impactful ventures, aligning with ISTE's mission to cultivate industry-ready, innovation-driven engineers.



The industrial visit to Bhamashah Techno Hub, Jaipur, provided first-year ISTE members with valuable exposure to the startup ecosystem. Students explored modern incubation facilities, interacted with entrepreneurs, and gained insights into funding, mentorship, and innovation. The visit inspired them to think creatively, understand real-world applications of technology, and sparked a strong interest in entrepreneurship.



Students' Council

The Department of Applied Sciences proudly celebrates the remarkable leadership shown by its students in the PIET Student Council. This year, 30 students from our department were appointed as Vice Captains across 25 diverse clubs, spanning cultural, technical, literary, social, and wellness domains.

Their roles as vice captains reflect not only their academic excellence but also their enthusiasm, organizational capabilities, and commitment to campus life. From managing club events and coordinating activities to inspiring peers and promoting inclusivity, these students have played a vital role in enriching the institutional culture.

This achievement underscores our department's holistic approach—encouraging students to evolve not just as scholars, but as leaders and changemakers. We applaud their dedication and look forward to seeing them continue to make a positive impact.





POORNIMA

INSTITUTE OF ENGINEERING & TECHNOLOGY

An Autonomous Institution approved by RTU, AICTE & UGC • NAAC 'A' Accredited



Faculty and Students Achievements



Our students and faculty members continue to make us proud with their remarkable accomplishments across diverse domains. From securing top positions in national-level competitions and publishing research in reputed journals to receiving innovation grants and presenting at international conferences, their achievements reflect a culture of excellence and dedication. Students have shown exceptional talent in academics, sports, and cultural events, while faculty members have contributed significantly through impactful teaching, research, and community engagement. Together, they exemplify the spirit of innovation, hard work, and continuous learning that defines our institution.



Glimpses of the some of the achievements are:

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KRATI SHARMA
for successfully completing the course
Psychology Of Stress, Health And Well-Being

with a consolidated score of **73 %**
Online Assignments | 25/25 | Proctored Exam | 48/75
Total number of candidates certified in this course: 4823

Jan-Apr 2025
(12 week course)

Prof. I. S. Bhat
Head (CSE & IIT), Coordinator (NPTEL)

Indian Institute of Technology (Gwalior)

swayam

Ref No: NPTEL20250404010000 To verify the certificate No. of credits recommended: 3 or 4

NPTEL-AICTE Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MEERU NAMA
for successfully completing the course
Data Analytics with Python
with a consolidated score of **55 %**

Prof. Anand Thangaraj
NPTEL Coordinator (IT)

Ref No: NPTEL20250101010000 Duration of NPTEL course: 12 Weeks

The candidate has studied the above course through MOOC mode, has submitted online assignments and passed proctored exams. This certificate is awarded to the candidate for successful completion of the course. The certificate is valid for 12 months from the date of issue. The candidate is eligible to receive a certificate of completion from AICTE (FDP) / FDP through MOOCs (FDP)

Indian Institute of Technology Bombay

swayam

Ref No: NPTEL20250101010000 To verify the certificate No. of credits recommended: 3 or 4

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KARINIKKA JHA
for successfully completing the course
Atomic And Molecular Physics

with a consolidated score of **50 %**
Online Assignments | 22/3025 | Proctored Exam | 37/75
Total number of candidates certified in this course: 121

Jan-Apr 2025
(17 week course)

Prof. Mahesh Kumar
Head (CSE & IIT), Coordinator (NPTEL)

Indian Institute of Technology Kharagpur

swayam

Ref No: NPTEL20250404010000 To verify the certificate No. of credits recommended: 3 or 4

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR ASHISH LADHA
for successfully completing the course
Education for Sustainable Development

with a consolidated score of **99 %**
Online Assignments | 25/25 | Proctored Exam | 73/75
Total number of candidates certified in this course: 7423

Jan-Apr 2025
(12 week course)

Prof. Mahesh Kumar
Head (CSE & IIT), Coordinator (NPTEL)

Indian Institute of Technology Kharagpur

swayam

Ref No: NPTEL20250404010000 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR RUPUR JAIN
for successfully completing the course
Chemistry of Main Group Elements

with a consolidated score of **51 %**
Online Assignments | 26.83/26 | Proctored Exam | 30/75
Total number of candidates certified in this course: 219

Jan-Apr 2025
(12 week course)

Prof. Siddhartha Kumar
Head (CSE & IIT), Coordinator (NPTEL)

Indian Institute of Technology Bombay

swayam

Ref No: NPTEL20250101010000 To verify the certificate No. of credits recommended: 3 or 4

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR REKHA RANI AGARWAL
for successfully completing the course
Chemistry of Main Group Elements

with a consolidated score of **87 %**
Online Assignments | 22/505 | Proctored Exam | 64/675
Total number of candidates certified in this course: 219

Jan-Apr 2025
(12 week course)

Prof. Siddhartha Kumar
Head (CSE & IIT), Coordinator (NPTEL)

Indian Institute of Technology Bombay

swayam

Ref No: NPTEL20250101010000 To verify the certificate No. of credits recommended: 3 or 4

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHARAD SHIVASTAVA
for successfully completing the course
Basics of Mechanical Engineering - 2

with a consolidated score of **85 %**
Online Assignments | 23/7921 | Proctored Exam | 61/975
Total number of candidates certified in this course: 660

Jan-Apr 2025
(12 week course)

Prof. S. S. Bhat
Head (CSE & IIT), Coordinator (NPTEL)

Indian Institute of Technology Kharagpur

swayam

Ref No: NPTEL20250404010000 To verify the certificate No. of credits recommended: 3 or 4

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
GANIKA KACHHARA
for successfully completing the course
Organizational Behavior: Individual Dynamics in Organization

with a consolidated score of **79 %**
Online Assignments | 25/25 | Proctored Exam | 54/75
Total number of candidates certified in this course: 3924

Jan-Apr 2025
(12 week course)

Prof. V. S. Bhat
Head (CSE & IIT), Coordinator (NPTEL)

Indian Institute of Technology Gwalior

swayam

Ref No: NPTEL20250404010000 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHAMAL BURMAN
for successfully completing the course
Air Pollution and Control

with a consolidated score of **54 %**
Online Assignments | 23/7525 | Proctored Exam | 30/75
Total number of candidates certified in this course: 10623

Jan-Apr 2025
(12 week course)

Prof. Rakesh Kumar
Head (CSE & IIT), Coordinator (NPTEL)

Indian Institute of Technology Roorkee

swayam

Ref No: NPTEL20250404010000 To verify the certificate No. of credits recommended: 3 or 4

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR SARA JAIN
for successfully completing the course
Air Pollution and Control

with a consolidated score of **78 %**
Online Assignments | 26/25 | Proctored Exam | 52/575
Total number of candidates certified in this course: 10623

Jan-Apr 2025
(12 week course)

Prof. Rakesh Kumar
Head (CSE & IIT), Coordinator (NPTEL)

Indian Institute of Technology Roorkee

swayam

Ref No: NPTEL20250404010000 To verify the certificate No. of credits recommended: 3 or 4

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR REKHA RANI AGARWAL
for successfully completing the course
Advanced Transition Metal Chemistry

with a consolidated score of **69 %**
Online Assignments | 21/2525 | Proctored Exam | 47/2675
Total number of candidates certified in this course: 205

Jul-Oct 2024
(12 week course)

Prof. Siddhartha Kumar
Head (CSE & IIT), Coordinator (NPTEL)

Indian Institute of Technology Bombay

swayam

Ref No: NPTEL20250101010000 To verify the certificate No. of credits recommended: 3 or 4

NPTEL-AICTE Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ROBIN PRANASHI
for successfully completing the course
Air Pollution and Control
with a consolidated score of **76 %**

Prof. Anand Thangaraj
NPTEL Coordinator (IT)

Ref No: NPTEL20250101010000 Duration of NPTEL course: 12 Weeks

The candidate has studied the above course through MOOC mode, has submitted online assignments and passed proctored exams. This certificate is awarded to the candidate for successful completion of the course. The certificate is valid for 12 months from the date of issue. The candidate is eligible to receive a certificate of completion from AICTE (FDP) / FDP through MOOCs (FDP)

Indian Institute of Technology Bombay

swayam

Ref No: NPTEL20250101010000 To verify the certificate No. of credits recommended: 3 or 4



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR. REKHA RANI AGARWAL
for successfully completing the course
Advanced Transition Metal Chemistry

with a consolidated score of **69 %**
Online Assignments | 21.25/25 | Proctored Exam | 47.25/75
Total number of candidates certified in this course: **205**

Jul-Oct 2024
(12 week course)

Prof. Sushar Iyer
Head (C&E) & IIT Coordinator
IIT Bombay

Indian Institute of Technology Bombay

Roll No: NPTEL24CY100001802158 To verify the certificate

No. of credits recommended: 3 or 4

swayam

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHARAD SHRIVASTAVA
for successfully completing the course
Fundamentals of Manufacturing Processes
with a consolidated score of **69 %**

Prof. Anshu Thangaraj
NPTEL Coordinator
IIT Bombay

Roll No: NPTEL24ME1220051800633 Duration of NPTEL course: 12 Weeks

The candidate has cleared the course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is neither acceptable for promotion under CAS in per AICTE guidelines (2007) nor for other academic / research purposes.
EML AICTE / NPTEL / PDF through MOOCs / CAS

Indian Institute of Technology Kharagpur

Roll No: NPTEL24CY100001802158 To verify the certificate

No. of credits recommended: 3 or 4

swayam

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ARVIND MATHUR
for successfully completing the course
Operating System Fundamentals

with a consolidated score of **70 %**
Online Assignments | 28.5/25 | Proctored Exam | 49.5/75
Total number of candidates certified in this course: **2487**

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL24CY100001802158 To verify the certificate

No. of credits recommended: 3 or 4

swayam

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
RUBJAM JAIN
for successfully completing the course
Advanced Engineering Mathematics

with a consolidated score of **80 %**
Online Assignments | 21.88/25 | Proctored Exam | 58.5/75
Total number of candidates certified in this course: **93**

Jan-Apr 2025
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL24MA02004701205 To verify the certificate

No. of credits recommended: 3 or 4

swayam

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MUKUL NAMA
for successfully completing the course
Air Pollution and Control
with a consolidated score of **73 %**

Prof. Anshu Thangaraj
NPTEL Coordinator
IIT Bombay

Roll No: NPTEL24ME1220051800633 Duration of NPTEL course: 12 Weeks

The candidate has cleared the course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is neither acceptable for promotion under CAS in per AICTE guidelines (2007) nor for other academic / research purposes.
EML AICTE / NPTEL / PDF through MOOCs / CAS

Indian Institute of Technology Kharagpur

Roll No: NPTEL24CY100001802158 To verify the certificate

No. of credits recommended: 3 or 4

swayam

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
RUBJAM JAIN
for successfully completing the course
Differential Equations for Engineers

with a consolidated score of **65 %**
Online Assignments | 23.5/25 | Proctored Exam | 41.25/75
Total number of candidates certified in this course: **22**

Jul-Oct 2024
(12 week course)

Prof. Anshu Thangaraj
NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Kharagpur

Roll No: NPTEL24MA02004701205 To verify the certificate

No. of credits recommended: 3 or 4

swayam

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
GOURAV BOHRA
for successfully completing the course
Soft Skill Development

with a consolidated score of **68 %**
Online Assignments | 22.5/25 | Proctored Exam | 45/75
Total number of candidates certified in this course: **17346**

Jan-Mar 2025
(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25HS72S642700569 To verify the certificate

No. of credits recommended: 2 or 3

swayam

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
JATIN DIDWANIA
for successfully completing the course
Soft Skill Development

with a consolidated score of **60 %**
Online Assignments | 22.5/25 | Proctored Exam | 37/75
Total number of candidates certified in this course: **17346**

Jan-Mar 2025
(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25HS72S642700019 To verify the certificate

No. of credits recommended: 2 or 3

swayam



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AYUSH KUMAR JAIN
for successfully completing the course



Problem Solving Through Programming In C

with a consolidated score of **47** %

Online Assignments	12.63/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 2550

Jan-Apr 2025
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS65547400196

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VISHESH SINHA
for successfully completing the course



Introduction to Machine Learning

with a consolidated score of **54** %

Online Assignments	21.13/25	Proctored Exam	32.63/75
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Total number of candidates certified in this course: 6009

Jan-Apr 2025
(12 week course)

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

M. Vignesh
Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25CS465347401185

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
CHITVAN GABA
for successfully completing the course



Enhancing Soft Skills and Personality

with a consolidated score of **71** %

Online Assignments	16.9/25	Proctored Exam	54.75/75
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Total number of candidates certified in this course: 11344

Feb-Apr 2025
(8 week course)

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL25HS8751047402605

To verify the certificate



No. of credits recommended: 2 or 3



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
CHITVAN GABA
for successfully completing the course



Problem Solving Through Programming In C

with a consolidated score of **49** %

Online Assignments	19.19/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2687

Jan-Apr 2025
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS565647400478

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RIMJHIM ROCHWANI
for successfully completing the course



Problem Solving Through Programming In C

with a consolidated score of **43** %

Online Assignments	11.81/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 2550

Jan-Apr 2025
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS565547400236

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ASHI KHADELWAL
for successfully completing the course



Problem Solving Through Programming In C

with a consolidated score of **42** %

Online Assignments	11.88/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2550

Jan-Apr 2025
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS565547400171

To verify the certificate



No. of credits recommended: 3 or 4

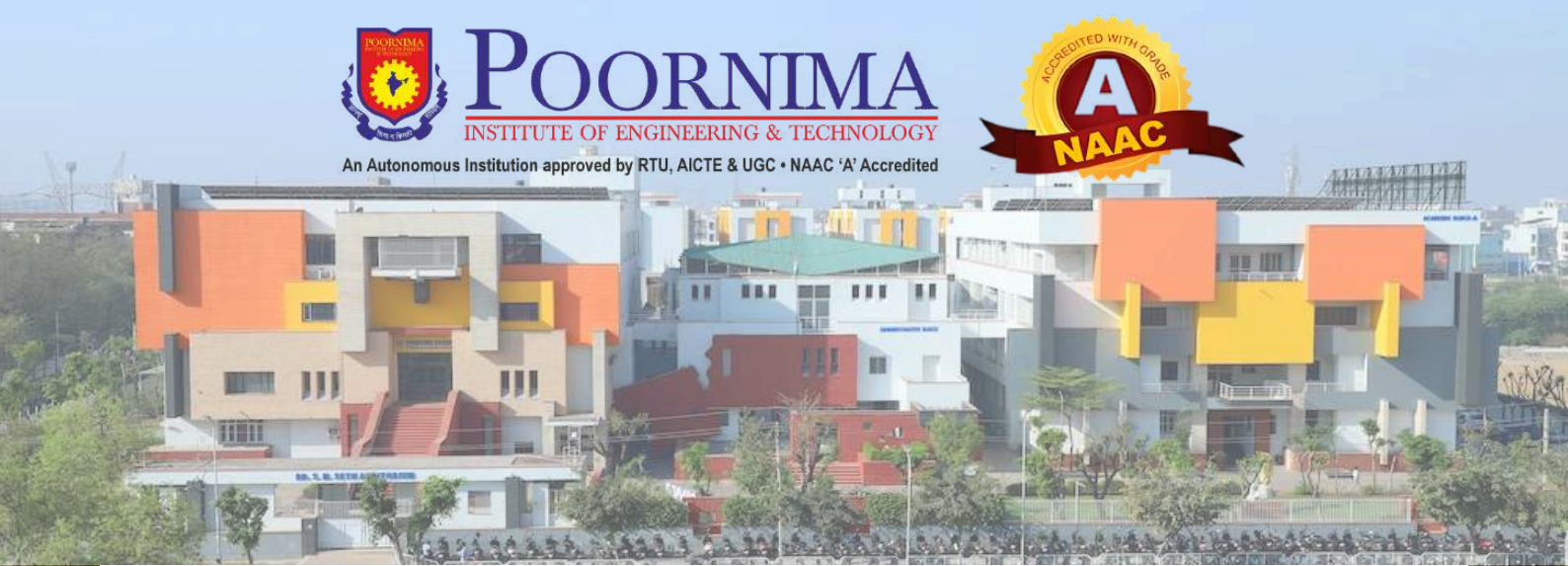


Articles by Faculty & Students

Artificial Intelligence (AI), automation, and emerging technologies are redefining the way we live, work, and connect. As the pace of innovation accelerates, these powerful tools are moving from experimental concepts to everyday essentials, shaping a new digital era. AI is no longer confined to academic labs or futuristic visions—it's already embedded in our smartphones, powering voice assistants, personalized recommendations, and real-time language translation. In the business world, AI is revolutionizing operations through data-driven decision-making, predictive analytics, and customer service automation. Meanwhile, robotic process automation (RPA) is transforming how companies handle repetitive tasks, freeing up human talent to focus on more strategic and creative efforts. The result is not just greater efficiency, but smarter, more agile organizations that can respond faster to change.

This wave of transformation is visible across every major industry. In healthcare, AI is enabling earlier disease detection, enhancing diagnostic accuracy, and helping doctors develop personalized treatment plans. In manufacturing, smart factories use automation and real-time data to minimize waste, reduce downtime, and improve product quality. The financial sector is using machine learning to detect fraud, assess credit risk, and provide tailored financial advice. Even education is evolving with AI-driven tools that adapt learning content to individual student needs, offering a more inclusive and effective experience. These examples underscore a broader truth: AI and automation are not just improving existing systems—they're creating entirely new ways of thinking and working.





Articles by Faculty & Students

Looking ahead, the convergence of AI with other frontier technologies—such as 5G, the Internet of Things (IoT), augmented reality (AR), and quantum computing—will drive even more profound changes. Connected devices will generate vast amounts of real-time data, and AI will make sense of that data at scale, offering insights that humans alone could never uncover. The workplace of the future will blend human intelligence with machine precision, enabling hybrid teams that collaborate seamlessly. This evolution offers incredible potential for innovation, but it also raises complex questions about privacy, ethics, and the future of work.

As AI and automation grow more powerful, the need for responsible development and deployment becomes critical. Ethical AI—systems that are transparent, fair, and free from bias—must be a top priority. So too must be the preparation of the workforce for this new era. Millions of jobs will be transformed, and new roles will emerge that we can scarcely imagine today. Lifelong learning, upskilling, and a focus on adaptability will be essential for individuals and organizations alike. Governments, businesses, and educational institutions must work together to ensure that technological progress leads to inclusive growth rather than widening inequality.

At this turning point, it's clear that embracing these technologies is no longer optional—it's imperative. The organizations that thrive will be those that view AI and automation not as threats, but as powerful tools to innovate, solve problems, and unlock new value. At the same time, success will depend on a thoughtful approach—balancing speed with responsibility, efficiency with empathy, and innovation with ethics. The future belongs to those who are ready to lead with technology and guided by human values.

In this issue, we'll explore the key trends driving AI and automation forward, spotlight examples of real-world innovation, and share insights on how to prepare for what's next. Whether you're a business leader, a technologist, or simply curious about the future, now is the time to engage with these transformative technologies and shape the world ahead.

Dr. Nitin Mukesh Mathur
Dy. HOD (Admin) Department of Applied Sciences,
Poornima Institute of Engineering and Technology



Articles by Faculty & Students

We are living in a time when the lines between imagination and reality are fading, thanks to the explosive growth of Artificial Intelligence and automation. What was once science fiction, that is machines that think, cars that drive themselves, and systems that learn over time has now become an integral part of our everyday lives. From voice assistants like Alexa to smart tools in hospitals that detect diseases early, AI is making life easier and more efficient. It is helping in healthcare, education, finance, marketing, composing music, simulating human conversation, and even in creative fields like art.



Tata Steel's Jamshedpur plant is one example, using AI-powered predictive maintenance that analyzes sensor data through machine learning models to predict and prevent equipment failures. But these revolutions are not just about convenience. It's shaping the very foundation of work and education. Jobs are evolving, and the demand for tech literacy is skyrocketing. As machines take over repetitive tasks, humans are being pushed toward more creative, strategic, and emotionally intelligent roles. It forces us to ask: What is the worth of human labor when machines can perform tasks faster and more accurately? The answer is not to resist change but to rethink our purpose, moving from roles focused on efficiency to those based on empathy, and critical thinking.

However, with such rapid growth comes responsibility. Questions about ethics, data privacy, and job displacement need answers. In the end, the future of technology will not be determined by how smart machines become, but by how wisely we use that intelligence and manage our partnership with intelligent systems. The revolution is not just about technology; it is about our mission to create smarter machines and, more importantly, to become a thoughtful, ethical, and aware species.

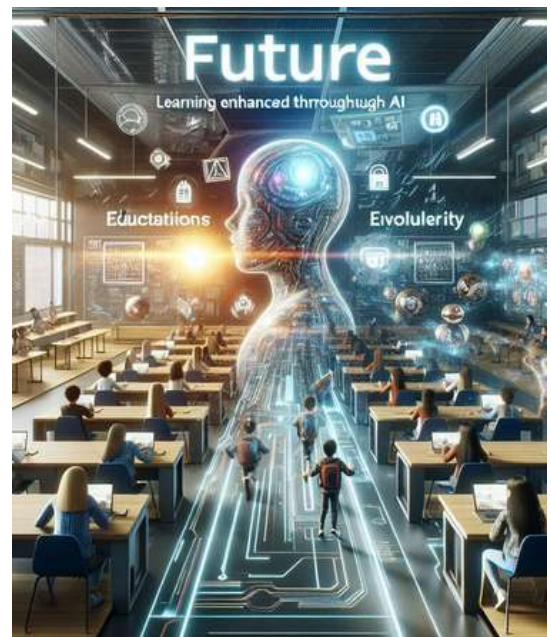
Molika Singh Rathore
PIET23CS040



Articles by Faculty & Students

The world is undergoing a profound transformation driven by the rapid advancement of Artificial Intelligence (AI) and automation. These technologies, once futuristic concepts, are now integral to industries, homes, and societies. Their influence is not just reshaping workflows but redefining the very essence of innovation and progress.

AI, with its ability to mimic human intelligence, is powering applications from personalized recommendations to advanced medical diagnostics. Automation, on the other hand, is optimizing repetitive tasks, reducing errors, and enabling faster, more efficient operations. Together, they form a powerful synergy that is revolutionizing how we live and work.

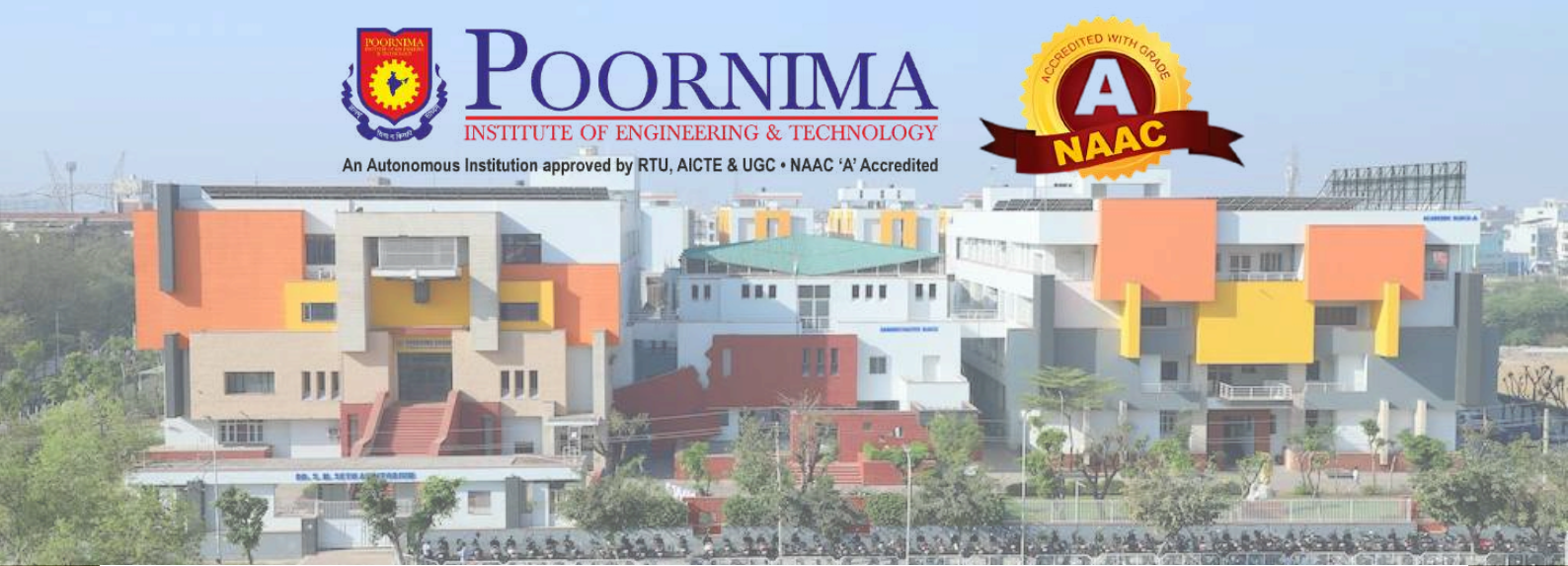


Industries like healthcare, manufacturing, finance, and logistics are being reengineered through intelligent systems. Robotic arms in factories, AI-powered diagnostics in hospitals, and automated financial trading systems are just glimpses of this evolving landscape. These advancements are not eliminating human roles but transforming them—shifting the focus from manual labor to strategic and creative thinking.

However, with great power comes great responsibility. The future of tech must be built on ethical foundations. Issues such as data privacy, bias in algorithms, and the digital divide need urgent attention. Inclusive, transparent, and human-centric design will be key to ensuring AI and automation benefit all.

As we stand at the intersection of innovation and responsibility, one thing is certain: AI and automation are not just tools—they are architects of a smarter, faster, and more connected future. Embracing them thoughtfully will shape a reality where technology empowers, uplifts, and transforms lives globally.

Rohan Dey
PIET234AD046



We@Media



Cancer Awareness Session 'Close the Care Gap' at PIET

The Public Side

Jaipur: In a collaborative effort to spread awareness about cancer and promote healthy living, the Department of Applied Sciences, Poornima Institute of Engineering and Technology (PIET), in association with Jaipur Cancer Relief Society (JCIRS) and the NSS Unit of PIET, organized a thought-provoking session on the occasion of World Health Day.

The event was graced by several eminent dignitaries and health advocates: Prof. (Dr.) Arun Chougule, Dean & Chief Academic Officer, Swasthya Kalyan Group, Subhash Motwani, Member, Jaipur Cancer Relief Society; Usha Bapna, Retd. Additional Director, Education & Member, Eye Bank Society of Rajasthan and JCIRS, Dr. Dinesh Goyal, Director, PIET, emphasized the significance of World Health Day and the institute's commitment to spreading health awareness, especially among the youth, in his welcome note. A token of gratitude was presented by Dr. Balwan Sheshma, Registrar, PIET, and Ashok Kumar, Proctor, PIET.

The highlight of the event was an expert session on 'Close the Care Gap' delivered by Prof. (Dr.) Arun Chougule, a renowned academican and healthcare professional. He addressed the growing need for equal access to cancer care and the importance of early detection, proper treatment, and community awareness. His talk resonated deeply with students and faculty alike, sparking thoughtful reflections on healthcare equity. In a solemn and inspiring moment, an oath pledging commitment to cancer awareness and support was facilitated by Subhash Motwani.

Dr. Nupur Jain, NSS Coordinator, PIET, acknowledged the collective effort behind the event's success and its alignment with global World Health Day objectives. The program concluded with a heartfelt vote of thanks by Dr. Sama Jain, head of the department of Applied Sciences, PIET, who appreciated the collaboration with JCIRS and the enthusiastic participation of all attendees. The session served as a vital platform to inspire young minds, foster community responsibility, and strengthen the collective resolve to ensure 'Healthy

स्टूडेंट्स ने आशीर्वाद वृद्धाश्रम के निवासियों से किया संवाद



जयपुर (कास)। पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी (पीआईईटी) के स्टूडेंट्स ने अपनी सामाजिक जिम्मेदारी का निर्वहन करते हुए प्रताप नगर स्थित आशीर्वाद वृद्धाश्रम का दौरा किया। इंस्टीट्यूट की एनएसएस इकाई के तहत आयोजित इस विजिट के दौरान स्टूडेंट्स ने वहां सीनियर सिटीजन के साथ गुणवत्तापूर्ण समय बिताया। इसके तहत वृद्धजनों के साथ सार्विक संवाद के साधनमय मनोरंजक गतिविधियों भी आयोजित की, जिससे उनके जीवन में सुखान और उत्साह देखने को मिला। इसकी समन्वयक डॉ. प्रिंस डावर व डॉ. नीतू शर्मा ने बताया कि स्टूडेंट्स द्वारा यहां फलों व दैनिक जीवन की आवश्यक वस्तुओं का वितरण किया गया। पीआईईटी की एलाइड सांस डिपार्टमेंट की एचओडी डॉ. समा जैन ने वृद्धजनों के प्रति समान और कृतज्ञता के मूल्यों को स्थापित करने में ऐसी पहलों के महत्व पर जोर दिया।

भावपूर्ण कुचिपुडी नृत्य से किया मंत्रमुग्ध

बेधक, जयपुर। स्पिक मैके के कुचिपुडी नृत्य सॉर्टेंट के तहत पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी (पीआईईटी) में आयोजित कार्यक्रम में कुचिपुडी नृत्यांगना टी. रेड्डी लक्ष्मी ने अपनी भावपूर्ण प्रस्तुतियों से स्टूडेंट्स को मंत्रमुग्ध कर दिया। कार्यक्रम की शुरुआत में पीआईईटी स्पिक मैके क्लब की फैकल्टी कोऑर्डिनेटर गरिमा कच्छरा ने टी. रेड्डी लक्ष्मी, जयन कोट्टक्कल, वैत्रि भूपति और किम सोम्या कन्नन का स्वागत किया। उद्घाटन पीआईईटी के डायरेक्टर व प्रिंसिपल डॉ. दिनेश गोयल, रजिस्ट्रार डॉ. बलवान शेषमा और एलाइड साइंसेज विभाग की एचओडी डॉ. समा जैन ने किया। प्रस्तुति के दौरान जयन कोट्टक्कल ने गायन, वैत्रि भूपति ने मृदंग और किम सोम्या कन्नन ने वायलिन संगत दी। कार्यक्रम के बाद टी. रेड्डी लक्ष्मी ने इंटरैक्टिव सेशन में कुचिपुडी नृत्य की परंपरा और महत्व पर चर्चा की।



पूर्णमा इंस्टीट्यूट में दो दिवसीय इंटरनेशनल कॉन्फ्रेंस आयोजित



जयपुर/नवम्बर, जयपुर। पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी के एलाइड साइंसेज विभाग की ओर से 'सस्टेनेबल एंड इटलीजेंट कंप्यूटिंग इन स्मार्ट टेक्नोलॉजी' विषय पर इंटरनेशनल कॉन्फ्रेंस हुई। दो दिवसीय इस कॉन्फ्रेंस में कई रिसर्च, शिक्षाविद, इंस्टीट्यूट विरोध और इन्वेंटर्स शामिल हुए। इसके तकनीकी सत्रों में 40 से अधिक रिसर्च पेपर प्रस्तुत किए गए। एक्टिवी इंटर इंजीनियरिंग विभाग के मुख्य सुनने अधिकारी डॉ. कल्याण सोनी उद्घाटन समारोह के मुख्य अतिथि थे, जबकि एनआईटीटीआर भोपाल की ऑनरिस चरित्रोत्तम मिश्र ने डॉ. सोमा वर्मा विजिट अतिथि थी। आईआईटी जोधपुर के कंप्यूटर साइंस एंड इंजीनियरिंग की प्रोफेसर डॉ. सीमिष सन्याय मुझा वका से। मेजबान पीआईईटी के डायरेक्टर डॉ. दिनेश गोयल ने स्वागत भाषण में इस कॉन्फ्रेंस को महत्वा की बात की। प्रो. सोमा वर्मा ने वैश्व परिपथ के लिए एआई सहित अन्य नृत्य के बारे में जानकारी दी। डॉ. सीमिष सन्याय ने तकनीकी नृत्य में महान समय की जरूरतों के बारे में बताया। इस अवसर पर पीआईईटी के रजिस्ट्रार डॉ. बलवान शेषमा, एलाइड साइंसेज की एचओडी डॉ. समा जैन, आईओटी की एचओडी डॉ. पायल बंसन, कॉन्फ्रेंस के संयोजक डॉ. पातु प्रभाण, सह संयोजक डॉ. रेखा एनी अग्रवाल और डॉ. अरुण कुमार भी उद्घाटन थे। कॉन्फ्रेंस के समापन समारोह में वेस्ट रिसर्च पर के अवार्ड प्रदान किए गए।

स्टूडेंट्स ने आशीर्वाद वृद्धाश्रम के निवासियों से किया संवाद



पूर्णमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी (पीआईईटी) के स्टूडेंट्स ने अपनी सामाजिक जिम्मेदारी का निर्वहन करते हुए प्रताप नगर स्थित आशीर्वाद वृद्धाश्रम का दौरा किया। इंस्टीट्यूट की एनएसएस इकाई के तहत आयोजित इस विजिट के दौरान स्टूडेंट्स ने वहां सीनियर सिटीजन के साथ गुणवत्तापूर्ण समय बिताया। इसके तहत वृद्धजनों के साथ सार्विक संवाद के साधनमय मनोरंजक गतिविधियों भी आयोजित की, जिससे उनके जीवन में सुखान और उत्साह देखने को मिला। इसकी समन्वयक डॉ. प्रिंस डावर व डॉ. नीतू शर्मा ने बताया कि स्टूडेंट्स द्वारा यहां फलों व दैनिक जीवन की आवश्यक वस्तुओं का वितरण किया गया। पीआईईटी की एलाइड साइंसेज डिपार्टमेंट की एचओडी डॉ. समा जैन ने वृद्धजनों के प्रति समान और कृतज्ञता के मूल्यों को स्थापित करने में ऐसी पहलों के महत्व पर जोर दिया।

एंटरप्रेन्योरशिप पर पांच दिवसीय एफडीपी की शुरुआत



हिन्दुस्तान एक्सप्रेस
जयपुर। पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी (पीआईईटी) में आर्टिफिशियल इंटेलिजेंस, ब्लॉकचेन और एंटरप्रेन्योरशिप विषय पर पांच दिवसीय एफडीपी कार्यक्रम शुरू हुआ। कार्यक्रम के उद्घाटन में डॉ. दिनेश गोयल ने कहा कि एंटरप्रेन्योरशिप के माध्यम से स्टूडेंट्स को नवाचार और समस्याओं के समाधान के लिए प्रेरित किया जा रहा है। कार्यक्रम के दौरान स्टूडेंट्स को नवाचार और समस्याओं के समाधान के लिए प्रेरित किया जा रहा है। कार्यक्रम के दौरान स्टूडेंट्स को नवाचार और समस्याओं के समाधान के लिए प्रेरित किया जा रहा है।

दैनिक भास्कर जयपुर 20-05-2025

इंटरनेशनल कॉन्फ्रेंस में 40 से अधिक रिसर्च पेपर किए प्रस्तुत

जयपुर। सस्टेनेबल एंड इटलीजेंट कंप्यूटिंग इन स्मार्ट टेक्नोलॉजी विषय पर इंटरनेशनल कॉन्फ्रेंस हुई। दो दिवसीय इस कॉन्फ्रेंस का आयोजन पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी के एलाइड साइंसेज विभाग की ओर से हुआ। इसमें कई रिसर्च, शिक्षाविद, इंस्टीट्यूट विरोध और इन्वेंटर्स शामिल हुए। कॉन्फ्रेंस के तकनीकी सत्रों में 40 से अधिक रिसर्च पेपर प्रस्तुत किए गए। पीआईईटी के डायरेक्टर डॉ. दिनेश गोयल ने कॉन्फ्रेंस की महत्ता व विषय की बात की।

पूर्णमा ग्रुप के इंडकबन प्रोग्राम 'पहला कदम' की हुई शुरुआत: भारते के पूर्व एमडी अमरीश गोयल ने एंटरप्रेन्योरशिप के लिए स्टूडेंट्स को प्रेरित किया।



कुचिपुडी नृत्य के जरिए साकार हुई विभिन्न पौराणिक कहानियां

■ दिव्य राष्

जयपुर। स्पिक मैके के कुचिपुडी नृत्य सॉर्टेंट के तहत शहर के पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी (पीआईईटी) में कुचिपुडी नृत्य की प्रस्तुति दी गई। इसके तहत कुचिपुडी नृत्यांगना टी. रेड्डी लक्ष्मी ने अपनी भावपूर्ण



प्रस्तुतियों के जरिए स्टूडेंट्स को भावविभोर कर दिया। प्रस्तुति में कलाकार ने कुचिपुडी नृत्य प्रदर्शन के माध्यम से विभिन्न पौराणिक कहानियों का खूबसूरत बखान किया। कार्यक्रम की शुरुआत में पीआईईटी के स्पिक मैके क्लब की फैकल्टी कोऑर्डिनेटर गरिमा कच्छरा द्वारा टी. रेड्डी लक्ष्मी, जयन कोट्टक्कल, वैत्रि भूपति, किम सोम्या कन्नन सहित अन्य कलाकारों का स्वागत किया गया। इन कलाकारों व मेजबान पीआईईटी के डायरेक्टर व प्रिंसिपल डॉ. दिनेश गोयल, रजिस्ट्रार डॉ. बलवान शेषमा और एलाइड साइंसेज की एचओडी डॉ. समा जैन ने स्तूप प्रज्वलित कर कार्यक्रम की विधिवत शुरुआत की। नृत्य प्रस्तुति के दौरान जयन कोट्टक्कल (गायन), वैत्रि भूपति (मृदंग) और किम सोम्या कन्नन (वायलिन) ने कुचिपुडी नृत्य संगत में योगदान दिया। प्रस्तुति के बाद विद्यार्थियों ने कलाकारों से बातचीत कर इस नृत्य शैली के बारे में गहन जानकारी प्राप्त की। नृत्य प्रस्तुतियों के बाद आर्टिस्ट व स्टूडेंट्स का इंटरैक्टिव सेशन आयोजित किया गया, जिसमें टी. रेड्डी लक्ष्मी ने स्टूडेंट्स को दक्षिण भारत की पारंपरिक नृत्य शैली कुचिपुडी के इतिहास, विभिन्न रूपों, महत्व व अन्य पहलुओं के बारे में जानकारी दी। युवा पीढ़ी में भारतीय शास्त्रीय नृत्य और संगीत को बढ़ावा देने के उद्देश्य से स्पिक मैके द्वारा विभिन्न संस्थानों में इस कार्यक्रम का आयोजन किया जा रहा है।





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