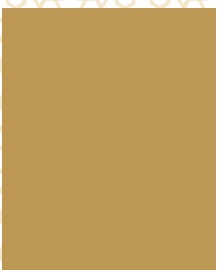
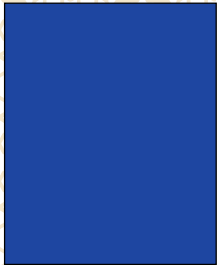




# POORNIMA GROUP

Achieving Excellence Together



# STUDENT PROSPECTUS



# Get In Touch



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**POORNIMA COLLEGE OF ENGINEERING (REAP CODE: 1023)**



**POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY (REAP CODE: 1050)**



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# Big Reason to Choose Poornima ?

## Vision:

Our vision is to create knowledge based society with scientific temper, team spirit and dignity of labour to face global competitive challenges.

## Mission:

Our mission is to evolve and develop skill based systems for effective delivery of knowledge so as to equip young professionals with dedication and commitment to excellence in all spheres of life.

## Quality Policy:

We believe in providing quality education through faculty development, updating of facilities and continual improvement for meeting norms laid down by government, keeping the stakeholders satisfied.

Poornima has forged industrial alliances with Top MNC's worldwide which assures high educational standards, up to date and forward-thinking curricula, and professional relevance. At Poornima you will have a distinct advantage through exposure to corporate standard environment through industry sponsored infrastructure and expert faculty. To enhance employability, three basic skills- cognitive skills, functional skills and people skills are mainly focused at Poornima.



## Salient Features of the Group:

**LEGACY OF THREE DECADES:** Established under the aegis of Shanti Education Society, Poornima has effectively contributed in providing Indian Industry with young, enthusiastic technocrats and managers.

**STRONG GOVERNING COUNCIL:** The unique governing council consisting of senior functionaries from various multinational organizations. It helps in strategic planning & lays the roadmap for future endeavors giving a global prospective, quality, corporate culture, corporate practices etc. through brainstorming and strategy planning sessions.

**GLOBAL TIE-UPS:** To avail opportunities like student/faculty exchange programmes, study abroad programmes, joint international conferences and seminars, Poornima has collaborated with Asian Institute of Technology, Bangkok (Thailand), Hanyang University, Korea & University of South Alabama, USA, Barcelona Global Experience, Spain, Synergy University, Moscow, SIRG Beni-Suef City, Egypt, James Cook University (Australia), Asia University, Taiwan and Muscate University, Oman, Daffodil University

(Bangladesh), Belarusian state University of Informatics and Radioelectronics, American University of Technology (Lebanon), Deakin Co Australia for higher education programs which aims to provide students the experience of studying and working abroad; International internships. An opportunity to gain work experience abroad by undertaking an internship in a foreign country and International workshops & conferences. Enhances the cornucopia of knowledge through discussions on various imperative topics will add an insight to ponder and confer over crux of today's scientific and technological perk up.

**ROBUST INDUSTRY INTERFACE:** The enthusiasm of innovative projects shown by the students is matched by the industry through continuous guidance and supervision from the sponsoring industrial houses. These multi-faceted collaborations offer experiential learning via projects, professional competence, internships, enhanced placement opportunities and skill enhancement.





**FACULTY EMPOWERMENT PROGRAM:** The Faculty development is essential for improving teacher effectiveness at all educational continuum levels. Industrial houses provide faculty with opportunities for training & development through faculty empowerment programs on a regular basis giving a quality edge to the teaching learning process.



**EXPERT SESSIONS AND INDUSTRIAL VISITS:** Industrial connoisseurs regularly visit the campus to provide first hand exposure to corporate culture, industrial requirements, latest technological advancements and career options through interactive sessions with the students. Students are given an opportunity to have hands on experience on industrial operation & set-up through mandatory industrial visits which is only possible because of the fine-feathered industry interface maintained at various levels.

**CULTURALLY DIVERSE STUDENT LIFE:** In today's increasingly interconnected world, developing cultural competency and embracing differences is essential to success. At Poornima, we have always recognized the important contributions made by individuals from a variety of backgrounds. Our diverse Student Council is comprised of students from all Indian states that promises a culturally enriching experience. This builds team building skills in students. These influences also help the students to build the spirit of entrepreneurship & sportsmanship.





# Advisors & Governing Council



**Dr. S.M. Seth**  
Chairman (Emeritus)  
Poornima Group



**Mr. Sunil Sinnarkar**  
Chairman, Governing Council,  
Poornima College of Engineering  
& MD, Ksolare Energy Pvt. Ltd.



**Mr. Anupam Gupta**  
Chairman, Governing Council,  
Poornima Institute of Engg. & Tech.  
& Co-Founder, Celebal Technologies



**Sh. Shashikant Singhi**  
Chairman  
Poornima Group



**Er. Hari Singh Shekhawat**  
Director (Infrastructure)  
Poornima Group



**Mr. M.K.M. Shah**  
Director General  
Poornima Group



**Ms. Renu Singhi**  
Advisor  
Poornima Alumni Association



**Dr. Mahesh M. Bunde**  
Principal & Director  
Poornima College of Engineering



**Dr. Dinesh Goyal**  
Principal & Director  
Poornima Institute of Engg. & Tech.





# Advisors & Governing Council



**Dr. Suresh Kumar Padhy**  
President  
Poornima University



**Dr. Pankaj Dhemla**  
Vice Principal  
Poornima College of Engineering



**Dr. Narayan Lal Jain**  
Coordinator, IQAC  
Poornima College of Engineering



**Ar. Rahul Singhi**  
Director  
Poornima & JIET Group



**Dr. Manoj Gupta**  
Pro-President  
Poornima University



**Ms. Dipti Lodha**  
Director (Corporate Relations)  
Poornima & JIET Group



**Dr. Neeraj Jain**  
Director (Admissions)  
Poornima Group



**Mr. Ashwini Lata**  
Director (Students Welfare)  
Poornima Group



**Dr. Rekha Nair**  
Dean (1 Year)  
Poornima College of Engineering





# About Poornima College of Engineering

Poornima College of Engineering was established in 2000 with the aim of imparting pragmatic technical education. In its magnificent journey of 2 decades, PCE has set benchmark and reached at new pinnacles in Engineering Education with dedication, perseverance and devotion. With student strength of more than 2000 students studying in 10 specializations of engineering (CSE, AI & DS, CSE (AI), CSE (Cyber), CSE (R), ECE, EE, ME, Civil & IT), more than 3.5 Lac square feet of built up area, highly qualified faculties, state of the art infrastructure, good placements and industry-led curriculum, PCE is spearheading its outstanding voyage with motto 'Success is not a destination, it's a journey'.

## Notable achievements of Poornima College of Engineering:

- **NAAC accredited with A+ grade from 4 January, 2024 to 3 January, 2029**
- **Application submitted to UGC for autonomous status from 2024-25**
- **Ranked 2<sup>nd</sup> in RTU, Quality Index Value for seven consecutive sessions (2017-18 to 2023-24)**
- **Rated Gold 3<sup>rd</sup> time successively in Survey of Industry linked Technical Institute**
- **In Times Engineering Survey ranked 108<sup>th</sup> in All India Engineering Institute Rankings 2021**
- **1<sup>st</sup> Institute in Rajasthan to launch B. Tech. (Computer Engineering) in Regional Language under NEP 2020**
- **First Institute in Rajasthan which has Centre of Excellence recognized by the RTU, Kota in Artificial Intelligence and Big Data**
- **RTU TEQIP III funded activities worth more than 50 lakh Rupees in last three years**
- **AICTE funded MODROB, STTP and Conferences worth more than 50 lakh Rupees during last three years**
- **DST and SERB sponsored student projects and faculty research projects**
- **Organizing IEEE, ACM, Elsevier and Springer International Conferences every year**
- **60+ Patents have been published and 7 patents have been granted in last three years**
- **Highest placement numbers and the package amongst RTU affiliated colleges**
- **More than 300 research papers are published by students and faculty members in last two years in national, international journals and conferences which are UGC, SCOPUS, SCI and ESCI reputed**
- **Open Air Theatre: OAT with 3000+ capacity for multi-purpose events**
- **More than 150 Microsoft Courses are completed by the students and the faculty members of the PCE**
- **Strong bonding with industries and corporate sector through collaboration and tie-ups**
- **Poornima Incubation and Innovation Centre (PIIC) was established in 2018 to promote the spirit of start-ups and entrepreneurship. It has achieved three star rating by MoE- IIC**
- **Awarded as Advance Partner Institute by Infosys for successfully running campus connect programme & outstation performance of students in Infosys placement drives**
- **Students and Faculties enrolled in diverse courses under various online platforms. All the courses were offered by world's top Universities and companies which includes the name Google, IBM, Autodesk, AWS, University of Michigan, Duke University, University of Manchester, and University of Washington etc.**
- **Industry collaborated certification programs under Celebal Technologies, Coding Ninjas, Business Intelligence, IoT and Red Hat Academy, Technovation, Rapidops Solutions Pvt Ltd**
- **Collaboration with IIT Bombay, IIT Madras and IIT Kharagpur to implement MHRD missions on quality enhancement on engineering education**
- **Pre-defined focus areas in the departments in line with Industry requirements**
- **Two weeks per semester are dedicated for training on emerging technologies**
- **Mandatory Non Syllabus Project every semester right from 1<sup>st</sup> year**





# About Poornima Institute of Engineering & Technology

Poornima Institute of Engineering & Technology established in 2007 is putting 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 1300 students and is committed to impart best technical skills in students through its five specializations of engineering at UG level CSE, CS (AI), CS (DS), CS (IoT), AI & DS, EE\*, ECE\*.

In its magnificent journey of less than two decades, Poornima Institute of Engineering & Technology has set benchmarks and reached new pinnacles in engineering education with dedication, perseverance and devotion. Poornima Institute of Engineering & Technology is spearheading its outstanding voyage with the motto 'Success is not a destination, it's a journey'

## Notable achievements of Poornima Institute of Engineering & Technology:

- **Ranked 3<sup>rd</sup> in RTU, Quality Index Value for five consecutive sessions (2018-19 to 2022-23) and 4<sup>th</sup> in 2023-24 (\*NAAC Re-visit Awaited)**
- **Ranked Platinum by AICTE CII Survey**
- **Rated 3 star by Innovation Council, Ministry of Education, Government of India**
- **Only Private Institute in Rajasthan to get funding from AICTE, INDIA for establishing IDEA Lab**
- **NAAC Accredited institute from 2019**
- **Pioneer Institute of Artificial Intelligence & Data Science studies**
- State of Art of Infrastructure for innovative Teaching Pedagogy and ICT based learning
- Offering Five streams of Engineering (Computer Engg., Computer Engg. (AI), Computer Engg. (DS), Computer Engg. (IoT) and Artificial Intelligence & Data Science) at UG level
- AICTE Sponsored Neural Network & Deep learning Lab & Industry oriented labs for quality education in association with Microsoft, IBM, Oracle, FACE, Redhat, CESA, Celebal, etc.
- Received Research Grant for more than 1.5 crore since 2019 only from TEQIP III, AICTE, ATAL, NITTTR, ISTE etc.
- 30 MoU's with Industries for nurturing Latest Technologies, beyond syllabus to budding Engineers,
- More than 150 SCI/Scopus & around 100 UGC Publications in past 3 years
- 06 Faculty members received recognition from various Government & Non Government Agencies
- Arbuda Convention Center: A Multimedia Auditorium with 500+ seating capacity
- PBIC: The Entrepreneurship & Innovation Cell, nurturing young Entrepreneurs. Having 11 registered start-ups with Government of India and 01 of them funded by Gol also
- Student Chapters of Professional Societies like ACM, IEEE, ISTE and IE (I)
- Organized workshops on various Technical and Non-Technical topics
- Collaboration with Microsoft for up skilling youth on latest technologies & Research in the field of AI, IoT & DS
- Focus on outcome based education with proper mapping through, CO's, PO's, & PSO's
- Regular and quality placements in all Major MNC are like Infosys, TCS, Capgemini, IBM, Adani, etc.
- Regular conduct of National & International Conference/Workshop/Seminar etc
- Students oriented activities through Clubs & Students' council
- Placement oriented initiatives for skill development and Outcome of quality placements through i3 day
- Within in the ambit of University Syllabus, offering quality academic flexibility
- Tutor Mentor system for support & Stress management
- Faculty Felicitation & Reward system and similar systems for students
- Facilities for Sports, Gymnasium, Cultural Activities, Auditorium
- Rich library with IEEE, Scopus, J-Gate, DELNET etc. Subscription



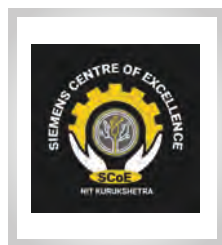


# Recognitions & Collaborations

Poornima is recognized along with being an active member of various associations and international bodies.



Research For Resurgence  
Foundation



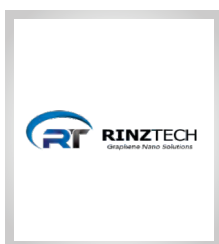
Siemens Centre of Excellence  
NIT, Kurukshetra



Universiti Teknologi Mara  
Malaysia



DOT  
Government of India



RIII-Rinztech  
New Zealand



Elektrolites  
Private Limited



SOHA Technologies  
Private Limited



IOTomation Ecotech  
Private Limited



Coding  
Ninjas



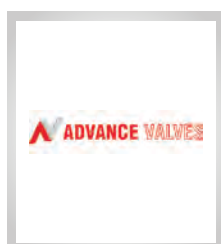
Celebal  
Technologies



CTIF  
Global Capsule



MathTech Thinking  
Foundation



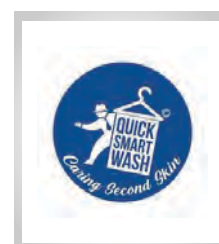
Advance Valves  
Pvt. Ltd.



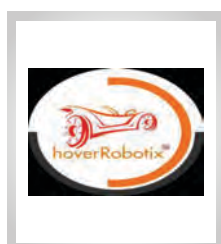
Kamal  
Cogent



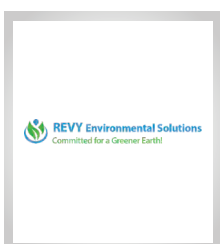
Aarmon  
Tech



Quick Smart  
Private Limited



Hover  
Robotix



REVY  
Environmental



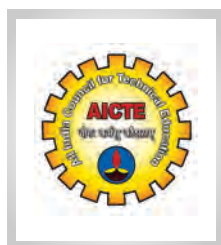
Mahatma Gandhi  
Hospital



Jeevan Rekha  
Hospital



# Recognitions & Collaborations



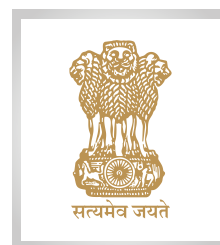
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AICTE, India



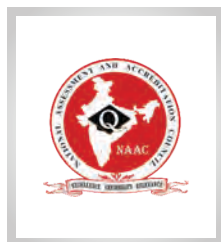
Approved By  
UGC, India



Affiliated to  
Rajasthan Technical University



DST  
Government of India



NAAC  
UGC



Indian Green Building  
Council



Asian Institute of  
Technology



Hanyang University  
Seoul



Jamescook University  
Australia



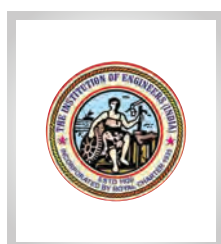
The Indian Society of Heating,  
Refrig. & Air Cond. Engineers



Indian Society of Lighting  
Engineers



Indian Society for  
Technical Education



Institution of  
Engineers (India)



The American Society of Heating,  
Refrig. & Air Cond. Engineers



EXELIQ  
Solutions



Society of Automotive  
Engineers



Institute of Electrical &  
Electronics Engineer



The Institution of Electronics and  
Telecommunication Engineers



Association for  
Computing Machinery



Confederation of  
Indian Industry



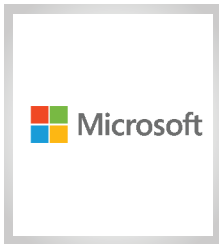
# Recognitions & Collaborations



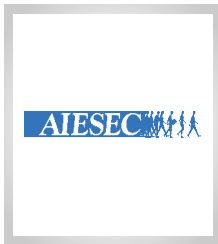
Young Indians



IBM



Microsoft



AIESEC



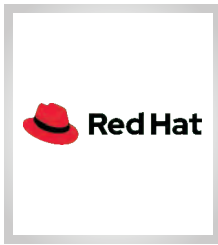
Rapidops



GG Nation



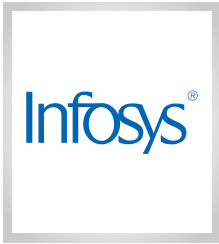
Sincgrid



Red Hat



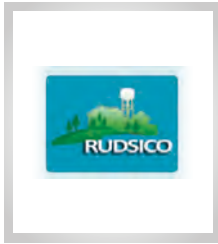
Vigyan Bharati



Infosys

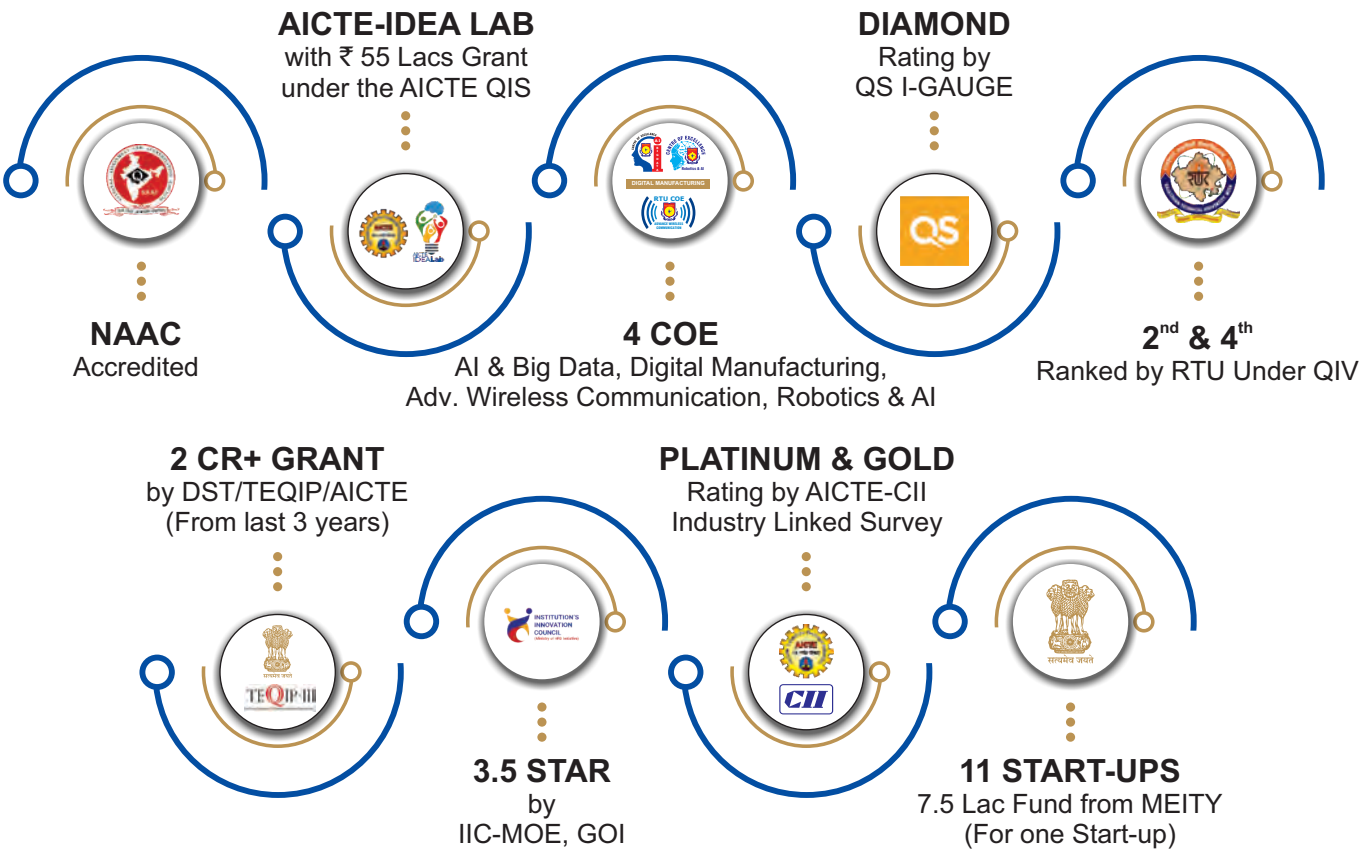


SAP



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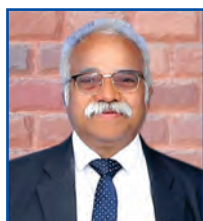
# Accreditations, Awards & Ranking





# Highly Qualified & Experienced Faculty

The faculty members at Poornima are dedicated to student learning and are highly accessible which makes students education experience a unique one. Publications in academic journals, membership of editorial boards & various organization make the faculty leading thinkers whose research & teaching are second to none.



**Dr. Mahesh M. Bundeale**  
Director, PCE  
Dept. of CS & IT



**Dr. Dinesh Goyal**  
Director, PIET  
Dept. of CS & IT



**Dr. Pankaj Dhemla**  
Vice Principal, PCE  
Dept. of Civil



**Dr. Neeraj Jain**  
Director, Admissions  
Dept. of Physics



**Dr. Rekha Nair**  
Dean, I Year, PCE  
Dept. of Chemistry



**Dr. Gautam Singh**  
Registrar, PIET  
Dept. of Chemistry



**Dr. Devendra Somwanshi**  
Registrar, PCE  
Dept. of ECE



**Mr. Amit Gupta**  
Chief Proctor, PCE  
Dept. of CS & IT



**Mr. Ashok Kumar**  
Proctor, PIET  
Dept. of Applied Sciences



**Dr. Narayan Lal Jain**  
Coordinator, IQAC  
HOD ME, PCE



**Dr. Sama Jain**  
HOD, I Year, PIET  
Dept. of Chemistry



**Dr. Garima Mathur**  
HOD  
Dept. of ECE, PCE



**Dr. Pravin Sonwane**  
HOD  
Dept. of EE, PCE



**Dr. Pran Nath Dadhich**  
HOD  
Dept. of Civil, PCE



**Dr. Nikita Jain**  
HOD  
Dept. of CS & IT, PCE



**Dr. Gajendra Singh Rajawat**  
HOD  
Dept. of CS & IT, PCE



**Dr. Anil Kumar**  
HOD  
Dept. of CSE, PIET



**Dr. Budesh Kanwar**  
HOD  
Dept. of AI & DS, PIET



**Dr. Payal Bansal**  
HOD  
IDEA Lab, PIET



**Dr. Raj Kumar Satankar**  
Coordinator, IPR  
Dept. of ME, PCE



# Highly Qualified & Experienced Faculty



**Dr. Ratnesh Sharma**  
Dy. HOD (Academic)  
Dept. First Year, PCE



**Dr. Kamlesh Gautam**  
Dy. HOD (Acad & Admin)  
Dept. of AC, PCE



**Dr. Manoj Sharma**  
Dy. HOD (Admin)  
Dept. First Year, PCE



**Dr. Bhanu Pratap**  
Dy. HOD (Academic)  
Dept. First Year, PIET



**Dr. Uday Pratap Singh**  
Dy. HOD (Admin)  
Dept. of AI & DS



**Mr. Abhishek Dadhich**  
Dy. HOD (Admin)  
Dept. of CS & IT, PIET



**Ms. Shikha Gautam**  
Dy. HOD (Academic)  
Dept. of CS & IT, PIET



**Ms. Alka Rani**  
Dy. HOD (Academic)  
Dept. of AI & DS, PIET



**Mr. Manish Dubey**  
Dy. HOD (Academic)  
Dept. of CS & IT, PCE



**Mr. Nitin Mukesh Mathur**  
Dy. HOD (Admin)  
Dept. First Year, PIET



**Mr. Mayank Sharma**  
Dy. HOD (Outreach)  
PCE



**Mr. Amol Saxena**  
Chief Coordinator  
COE (AI & Big Data)



**Dr. Omprakash Sikhwal**  
Professor  
Dept. of Mathematics



**Dr. Mukesh Chandra**  
Professor  
Dept. of Physics



**Dr. Shilpi Jain**  
Professor  
Dept. of Mathematics



**Dr. Shuchi Dave**  
Professor  
Dept. of Mathematics



**Dr. Priya Mathur**  
Professor  
Dept. of Mathematics



**Dr. Piyush Vats**  
Professor  
Dept. of ME



**Dr. Ajay Maurya**  
Professor  
Dept. of AI & DS



**Dr. Sonia Kaur Bansal**  
Professor  
Dept. of English



**Dr. Piyusha Somwanshi**  
Professor  
Dept. of Mathematics



**Dr. Rajesh Kr. Bathija**  
Professor  
Dept. of ECE



**Dr. Amit Srivastava**  
Professor  
Dept. of EE



**Dr. Rekha Rani Agarwal**  
Professor  
Dept. of Chemistry



**Dr. Veena Yadav**  
Professor  
Dept. of CSE



# Highly Qualified & Experienced Faculty



**Dr. Anurika Mehta**  
Professor  
Dept. of Chemistry



**Dr. Brijraj Singh Solanki**  
Professor  
Dept. of CS & IT



**Dr. Saurabh Shandiliya**  
Professor  
Dept. of CSE



**Dr. Amit Kr. Mandal**  
Associate Professor  
Dept. of ME



**Dr. Gaurav Jain**  
Associate Professor  
Dept. of EE



**Dr. Meena T. Agarwal**  
Associate Professor  
Dept. of Chemistry



**Dr. Ekata Sharma**  
Associate Professor  
Dept. of EE



**Dr. Kuldip Sharma**  
Associate Professor  
Dept. of English



**Dr. Pankaj Gakhar**  
Associate Professor  
Dept. of EE



**Dr. Meetu Nag**  
Associate Professor  
Dept. of ECE



**Dr. Abhishek Sharma**  
Associate Professor  
Dept. of CS & IT



**Dr. Priyanka Lodha**  
Associate Professor  
Dept. of Physics



**Dr. Ankit Tyagi**  
Associate Professor  
Dept. of ME



**Dr. Siddharth Chaudhary**  
Associate Professor  
Dept. of Civil



**Dr. Aisha Rafi**  
Associate Professor  
Dept. of Mathematics



**Dr. Santanu Malik**  
Associate Professor  
Dept. of Civil



**Dr. Shalini Shah**  
Associate Professor  
Dept. of Humanities



**Dr. Mukesh Didwania**  
Associate Professor  
Dept. of Mechanical



**Dr. Akshay Jain**  
Associate Professor  
Dept. of Mechanical



**Dr. Shruti Thapar**  
Assistant Professor  
Dept. of ECE



**Dr. Nitesh Mudgal**  
Associate Professor  
Dept. of ECE



**Dr. Hemant Kaushik**  
Associate Professor  
Dept. of EE



**Dr. Vikas Kr. Sharma**  
Associate Professor  
Dept. of EE



**Dr. Abhishek Singh**  
Associate Professor  
Dept. of EE



**Dr. Sarveen Sachdeva**  
Associate Professor  
Dept. of English



# Highly Qualified & Experienced Faculty



**Dr. Saurabh Raj**  
Associate Professor  
Dept. of AI & DS



**Dr. Sandeep Gupta**  
Associate Professor  
Dept. of AI & DS



**Dr. Navin Kr. Goyal**  
Associate Professor  
Dept. of CSE



**Dr. Geetika Mathur**  
Associate Professor  
Dept. of CSE



**Dr. Neha Mahala**  
Associate Professor  
Dept. of CSE



**Dr. Keshav Dev Gupta**  
Associate Professor  
Dept. of CSE



**Dr. Inderjeet Singh**  
Associate Professor  
Dept. of Humanities



**Dr. Nupur Jain**  
Associate Professor  
Dept. of Chemistry



**Ms. Shazia Haque**  
Associate Professor  
Dept. of CS & IT



**Dr. Vishal Singhal**  
Assistant Professor  
Dept. of Civil



**Dr. Ghanshyam Singh**  
Assistant Professor  
Dept. of CS & IT



**Ms. Bhawana Kumari**  
Assistant Professor  
Dept. of AI & DS



**Mr. Durgesh Kumar**  
Assistant Professor  
Dept. of ECE



**Mr. Dhananjay Kumar**  
Assistant Professor  
Dept. of ME



**Mr. Sanjay Kumawat**  
Assistant Professor  
Dept. of ME



**Ms. Kalpana Sharma**  
Assistant Professor  
Dept. of Humanities



**Mr. Mukesh Chand**  
Assistant Professor  
Dept. of ECE



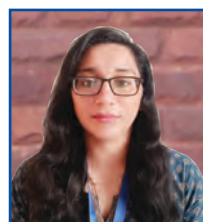
**Ms. Jayshree Surolia**  
Assistant Professor  
Dept. of CSE



**Mr. Mukul Nama**  
Assistant Professor  
Dept. of First Year



**Ms. Ashima Tiwari**  
Assistant Professor  
Dept. of CSE



**Ms. Smita Bisht**  
Assistant Professor  
Dept. of CSE



**Mr. Laxmi Kant Vashishtha**  
Assistant Professor  
Dept. of AI & DS



**Ms. Rekha Dhivrani**  
Assistant Professor  
Dept. of CSE



**Ms. Anu Arora**  
Assistant Professor  
Dept. of First Year



**Ms. Reshma Kala**  
Assistant Professor  
Dept. of AI & DS

# Facilities & Student Life

The infrastructure of Poornima Group is The Best in class. It provides a scenic and tranquil environment to the students, boosting their mental potential and preparing them in all aspects to face the cut-throat global competition with a smile on the face and emerge victorious. Well-designed building area with independent academic block, administration block, hostels & playgrounds provide scholarly ambience for learning & liberty.

## CLASSROOMS-THE PLACE FOR FOCUSED LEARNING

The spacious, amphitheater - style classrooms in the College provide the most conducive atmosphere for dynamic and focused discussions. They have been designed to bring together analysis with action and are augmented with integrated audio visual teaching aids for lectures, presentations etc. Special sessions and classes are also held on business etiquettes, negotiation skills, effective communication, leadership, teamwork and analytical skills

## AUDITORIUM - A PLATFORM FOR INTERFACE

Poornima provides state-of-the-art auditorium & convention centre with a seating capacity of more than 500. The auditorium act as a common ground for students, faculty and corporate personalities for regular interfaces, conferences and other events. At these platforms, students come across various global thought leaders, academic gurus and corporate heads who will share their corporate experiences with them. For events of a smaller scale, the seminar halls, equipped with advanced presentation tools, are the ideal venue

## LABORATORIES

High-tech laboratories having equipment with calibrations to ISO 9001-2000 Certifications, State of the art workshops and numerous work stations with licensed software play an important role in learning experience. Laboratories in Poornima Group are fully equipped to meet the academic requirements as per curriculum. Major labs are; IDEA lab, High Performance Computing Lab, Deep Learning & Neural Network, Augmented Reality, Virtual Reality lab and IoT lab. MATLAB and Simulation & Computational labs in Electrical Engineering, Microprocessor & Micro Controller Lab with Keil software, Microelectronics Lab with Cadence software, VLSI with Xilinx software, CAD Lab, Embedded System Lab, DAEC Lab, Communication and Texas Instruments Lab and MVI Lab equipped with Lab VIEW software in Electronics and Communication Engineering and CAD/CAM and Auto Sync

lab in Mechanical Engineering. Labs are accessible to students till 8 PM.

## COMPUTING FACILITIES-IMPARTING KNOWLEDGE IN THE MOST HI-TECH ENVIRONMENT

Poornima campus is inter-connected through a highly secure virtual private network, where personal computers are interconnected to the Internet through broadband connection. Poornima has state-of-the-art computer centre that provide computing facilities comprising of the latest computer machines linked to a wide range of software, communication and print services. Campus is fully wireless and Latest software are used to enable work on data analysis, web technologies and software designing. The intranet enables close on-line interaction between faculty and students for online interaction.

## LIBRARY

The library services are managed by TCS iON Library Management & Koha system at Poornima. The mission of our library services is to facilitate creation of new knowledge through acquisition, organization and dissemination of knowledge resources.

The library has spacious reading hall, periodical centres, group discussion rooms and online database browsing areas. The libraries offer a wide range of materials in a variety of formats-from traditional books and serials to movies, and multimedia and networked information from around the world. Highly skilled staff assists students to use the local collections and find information on specific topics.

Our libraries are a learning space where students are inspired to explore, research and create. Our libraries are not only the places to think, but also an informal work area where students gather to collaborate. Our libraries house a collection of more than 60000 items including books, journals, microfilms, audio-visual material and CD-ROMs. Furthermore, the students have access to more than 10,000 electronic journals available online, apart from daily





newspapers. The libraries have access to a large number of e-resources, ASCE Journals, ASME Journals, IEL online, Science Direct, EBSCO, EMERALD, SCIFINDER, SAE-Tech Papers, Indian Standards Codes, ACM, ABI / Inform Complete (PRO QUEST), Springer Link and Engineering Referex. Our libraries have a video conferencing facility and also provide classroom teaching through EDUSAT programs and NPTEL video courses in the different fields of education.

### **TUITION FEE WAIVER SCHEME**

Poornima Group has Tuition Fee Waiver Scheme of AICTE. Under this scheme 100% tuition fee of meritorious students of each branch (5% of intake) from economically weaker category has been waived off in all 4 years of B. Tech. Poornima grants scholarships of about INR 2.5 Cr every year.

### **RESEARCH & INNOVATION**

Research and innovation are the dynamic duo propelling progress in every sphere. Research uncovers new knowledge, while innovation applies it to create solutions. Together, they drive societal, economic, and cultural advancement by pushing boundaries, solving problems, and shaping the future.

### **TUTOR SYSTEM**

It creates learning and assessment opportunities in which a tutor performs the combined role of a friend, philosopher, and guide for a group of students. The responsibility of a tutor includes helping, guiding, admonishing as well as caressing the students. Tutor maintains constant touch with the parent and provides the necessary and required updates pertaining to the progress made by their child. Students are encouraged to freely share their problems and other concerns with their tutors.

### **INDUSTRIAL VISITS**

It is considered one of the most tactical methods of teaching which provides students an opportunity to learn practically through interaction, working methods and employment practices. Industrial visit is considered as a part of a college curriculum and different industrial visits, seminars workshops etc. are organized to give the students practical hands on experience regarding the internal working environment of a company and its know-how as well as useful information related to the practical aspects of the educational course which cannot be visualized in lectures.

### **UDAAN AEROMODELLING CLUB**

Udaan Aeromodelling Club is more than just a group; it's a community of passionate individuals united by their love for aeromodelling and pursuit of excellence. We thrive on innovation, teamwork, and continuous learning. Our goal is to provide a nurturing environment where members can unleash their creativity, develop their skills, and build lasting friendships.

Achievements of UDAAN:

- I and II Prize in RGIPT- Aeromodelling Event 2023
- I, III & IV Position in Sphinx- Aeromodelling Event 2023
- II Prize in Rajasthan Vigyan Mahotsav 2024
- III Prize in Project Expo 2.0 - Aeromodelling Event 2023
- Multiple Wins in RC Plane Flying Competitions

### **INDUSTRY INSTITUTE INTERACTION (i3 Day)**

In response to the ever-evolving landscape of technological advancements and industry requirements, educational institutions are constantly seeking innovative approaches to bridge the gap between academic learning and real-world applications. Recognizing this imperative, we are proud to introduce Industry Institute Interaction (I3) Days—a dynamic initiative aimed at empowering students with practical insights, advanced technologies, and industry-relevant skills.

Industry Institute Interaction (I3) Days represent a paradigm shift in the way we approach education, placing a strong emphasis on industry relevance, practical learning, and skill development. By fostering collaboration between academia and industry, we aim to empower students with the knowledge, skills, and confidence to thrive in a rapidly changing world.

Objectives:

- To make the students industry ready
- To bridge curriculum gaps
- To provide knowledge and practice of concepts, technologies and tools desired by the industries but are not covered in the curriculum
- To upgrade professional and communication skills of the students







## SURVEY CAMP

Survey Camp is conducted for students at regular intervals, as a compulsory part of the Curriculum. Such camps are aimed to groom the engineering students with essential knowledge and exposure to the real field work, thereby encouraging leadership and teamwork skills among them. This Survey Camp results in encouraging and supporting students, emerging as a leader in several areas of academic. The Students are divided into groups of 10 -11 students each and are monitored and mentored by the faculty coordinator. These camps are organized in 2-3 phases to learn & monitor each aspect of the surveying.

## INTERNAL COMPLIANT COMMITTEE (ICC) & WOMEN IN SCIENCE AND ENGINEERING (WISE)

AICTE has made it mandatory for all the institutions to set up a women welfare association cell to ensure well being and safety of women.

Following these norms, ICC Cell focuses on creation of awareness among girls and women staff, promoting their well-being. Women are the foundation of every society, and can do a lot in society. Women herself should identify strengths and work on it to build a strong society. A woman can not only change anything but also can change everything. "Women are the real Architect of Society". So, women at Poornima have clasped and formed a club called Women in Science and Engineering (WISE) to propagate the importance and relevance of women education in science and engineering. Every year activities of WISE have been organized with the coordination of the concerned department to encourage the maximum participation of girls in various activities and to promote their overall development. WISE club conducts activities based on Gender Sensitization, Health Awareness Program and most importantly International Women's Day to celebrate the roles of all the women pursuing in different fields. This year on International Women's Day Vice-Chancellor of University of Rajasthan was invited as the Chief Guest to commemorate and celebrate powerful roles of women in society.

### The Practice :

- Beyond curriculum requirements is being prepared through inputs from various stakeholders.
- Institute wide a common curriculum containing varying learning options students is prepared starting from 1st Semester to 7th Semester and the options for specific learning is taken from every student, every semester.
- Industry experts are invited and a full day training schedule is prepared for 13 Day.
- Every student as per choice attends the classes, labs, hands on practice throughout the semester and learning new concepts during the first to seventh semester.

## NON SYLLABUS PROJECT

Poornima Group has implemented the concept of NSP for the students of B.Tech. from First Semester onwards. All the students develop a branch specific project in every semester. The aim is to publish a research paper & file a patent on reaching final year.

## SPECIAL CLASSES FOR SKILL DEVELOPMENT

Special Training classes are organized for the final year students so that they can excel in the upcoming Placement drives. These classes are meant for guiding and sharing the experience of Alumni with current students.





## FELICITATION CEREMONY

Annual Faculty and Staff Felicitation Ceremony of Poornima Group was celebrated on 2 October, 2023. Total 225 faculty members of PIET and PCE were honored with cash prizes worth about Rs 32 lakh under various schemes. Dr. Sudhi Rajiv, Vice Chancellor of Haridev Joshi University was the chief guest. 8 faculty members, completed association with Poornima Group for 15 years or more were honored. Group Director Rahul Singhi gave information about various schemes of the group. Campus Directors honored the faculty members for various achievements.

## AADHAR

The idea of AADHAR was conceived with the aim to provide technically inclined youth with an innovative platform where the talent and expertise would be recognized and duly rewarded. This is a technical competition and project exhibition of Poornima Group where the best projects are showcased by students within their campuses and the outstanding projects are rewarded with prizes by the senior dignitaries of Poornima. AADHAR is open for whole day for other students to participate, view and learn from the projects.

## AAROHAN

It is a Techno Cultural Sports Fest to show case their exuberance and talent. The events are categorized as Club, Sports, Technical and Cultural. A number of events are organized under these categories.

## KALANIDHI

This is an annual prize distribution ceremony of Poornima College & Poornima Institute.

The students are awarded on the basis of academic and overall performance during an academic year. Awards are given under various categories, like: Poornima Ratna, Academic Awards, & Alumni Awards.

## INDUCTION PROGRAM

Three weeks student Orientation program “Pehla Kadam” was organized to familiarize the students with the college's infrastructure, facilities, and provide essential information to help them in a smooth transition to college life. For the year 2023-24, Prof. H. D. Charan, Chairperson, Board of Governors, SPA, Bhopal & Founder Vice Chancellor, Bikaner Technical University, Chairman, and National Committee of Universal Human Values inaugurated the programme at PCE.

Mr. Manish Sharma, Enterprise Cloud Architect (Product & Engg.), Jio Platforms inaugurated the program for PIET.

The sessions had speakers from various fields of Industry expertise, Alumnus and Internal Faculties to provided information about Institutional policies, Industrial Processes, Culture, Values, Communication Skills & Personality Development with norms of Engineering fraternity. The programme is designed under the guidelines laid down by the All India Council for Technical Education (AICTE) to ensure that students are well-prepared and equipped for the challenges that lie ahead in their engineering education. The programme includes following activities:

- General Facilities & Events in college
- Interaction with Protocol Holders & Seniors
- Activities on Human Values, Ethics & Yoga
- Technical Sessions and Non Technical Sessions
- Literary activities & Creative arts
- Branch specific career guidance
- Importance of Tutor System
- Motivational sessions
- Sessions on Latest Industry Demand/Technologies
- Visit to Industry & nearby places
- Interaction with Student Council
- Introduction of Club Activities







## TRANSPORT FACILITY

Safety and added comfort, both are the prime concerns of Poornima. To bestow with the same, the fleet of buses provide pick and drop facility to students coming from within a radial distance of 50Kms. The buses give a comfortable travelling experience.

## MEDICAL FACILITIES

A healthy body makes for a healthy mind. In order to ensure your well-being, Poornima has tie-ups with renowned hospitals to take care of any kind of emergency. At Poornima, you will be covered by a comprehensive medical insurance to meet all kinds of exigencies.

## OTHER FACILITIES IN CAMPUS

- TV Rooms, Saloon for Girls
- Sewage Treatment Plant
- Amphitheatre & Multi Utility Hall
- In campus HDFC & ICICI ATM
- Solar water heater in all hostels
- Auditorium: Arbuda Convention Centre
- Hi-Tech air conditioned computer labs setup
- CCTV surveillance along with security guards
- Courts : Basketball, Volleyball, Badminton
- Indoor Games: Chess, Carrom, Table Tennis
- AR-VR Lab
- Robotics Lab
- Yoga Center
- Gymnasium
- Open Air Theatre
- Conference Hall
- RO Water Purifier
- Centralize Cloud Kitchen
- ICT enabled Board Rooms





# Student Achievements & Participation

Poornima Group believes that by providing opportunities to students to participate in co-curricular and extracurricular activities will help them to enhance their skills and aptitudes. To achieve this students are motivated to participate in various fields. Students have brought laurels to the institute in various fields.

## GLIMPSE OF ACTIVITIES



Team Poornima Group won 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> positions in **ANTARRAJ Tech Fest** at BIT Mesra



Team Poornima Group won 1<sup>st</sup> position in the Idea Storm event in **ESUMMIT 2K24**, IIT Roorkee's Jaipur Zonal



Team Poornima Group won 1<sup>st</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> positions in **SPHINX-AEROMODELLING** Event, 2023



Team Poornima Group won 1<sup>st</sup> & 2<sup>nd</sup> positions in **GIRLS KABBADI** RTU Inter Collegiate Sports Tournament, 2023



Team Poornima Group won 1<sup>st</sup> position in **BOYS HANDBALL** RTU Inter Collegiate Sports Tournament, 2023



Team Poornima Participate in Table Tennis and Score 1<sup>st</sup> Runner Up at IIT Jodhpur in **VARCHAS SPORT EVENT**







Awarded Excellence in Education by **Mr. Rohit Sharma**,  
Captain of Indian Cricket Team, Ppowered by LEO1



Winner in  
**Project Exhibition Regional Meet**



Team Poornima Group won 3<sup>rd</sup> Position in **Project Expo – 2.0**



Winner in **National American Football Championship**



Winner in Table Tennis, Badminton & Shot put at **Ekalvya - Sports Meet**



Second Runner – Up in **West Zone Hand Ball Championship**

## Patents Published (2023-24)

### Title of Invention

- IoT based Lock System with Inbuilt Notification Sending System
- A GSM based wearable monitoring system to track physiological parameters
- Auto Wheels- the Luggage Carrier
- Foldable Remote controlled smart tent on wheels for homeless population
- IoT Based Smart agriculture monitoring system with fencing using Arduino
- Vital Measuring Ambulance Drone
- Temperature dependent electrical device which is controlled by atmospheric humidity
- Biometric enabled sanitary napkin vending machine with smart assistant & location aware system
- A pneumatic based system to support a body to sit, stand and walk around\*
- Design & Development of FDM Metal 3D printer by using Welding Technology\*

### Application No.

IN 202411018744  
IN 202411018745  
IN 202411018747  
IN 202411019266  
IN 202411019267  
IN 202411019268  
IN 202411018746  
IN 202411019265  
IN 202411020578  
IN 202411020577

\*Awaited



# Social Responsibility: Paathshala



At Poornima learning continues beyond the classroom walls. Here students are made socially responsible towards society. Whether it's planting trees, helping hand to poor, donating or raising funds for flood victims, blood donation, visiting orphanages, old age homes to help the needy & isolated people, etc. such activities are organized at regular intervals because changing the world is in our culture.

## GLIMPSE OF ACTIVITIES



## Helping Hands Club

Helping Hands Club is engaged in various activities like Shared Birthday Event, Food, Clothes and Blanket Donation drive, Yoga Day, Plantation, Swachhata Pakhwada, Amrit Mahotsav, Utrayan for the benefit of poor, orphanage kids and old age people of society. The club received a grant of one lakh by AICTE-SPICES.



## Startup's

### POORNIMA ENTREPRENEURS

S. No	Name of Startup	Name of the student	S. No	Name of Startup	Name of the student
1	Aerophantom	Rahul Sharma	12	Olxtech (Bech Do)	Yash Saxena
2	Auxicux Consultancies	Abhinav Tiwari	13	Pawstrack Pro	Ranawat Dalpat Singh
3	Bitesfly	Bhavya Agarwal	14	PIE Star Interactive Studio	Vikash Sharma
4	Book of Youth	Priyanshi Goyal	15	Readingbox.in	Amit Jangid
5	CAFTRO	Sourav Sharma	16	Rent N Earn	Ankit Khemani
6	Comacks	Arpit Singh	17	Servicemen App	Dhruv Gupta
7	Digital Darzi	Himanshu Hingorani	18	Staqia	Lakshya Jain
8	Kanha Ji Handicrafts	Gaurav Prajapat	19	Technobuild Pvt. Ltd.	Abhishek Parashar
9	Local Eyes	Yuvraj Dagur	20	Teknokrshak	Rajendra Choudhary
10	M/s. Breadnbutter Tech	Saksham Saxena	21	V-gthr	Dhruv Sharma
11	Mooontech	Jeki Panchal	22	Webtech.IT	Saurav Singh





**Poornima College Alumni Society** and **Poornima Institute Alumni Society** (Formerly Poornima Alumni Association) were founded in 2006 with the goal of uniting all graduates as a family. It began with only 140 students and since then has grown to almost 17,000 students.

Every alumnus today represents Poornima's past and is a milestone in the Poornima Group's progress. Our basic values and organizational purpose are inscribed by alumni achievements and contributions to their companies and society. A new committee of office bearers was elected by the general body as well as founder members of the Poornima College Alumni Society - Mr. Arvind Balan, Mr. Sudhanshu Goyal, and Mr. Ashok Jain from this session.

Our alumnus had given their employers a competitive advantage. They also assist us by discussing Poornima with their colleagues, mentoring junior students, recruiting Poornima students, and attending alumni events. We are renowned throughout the world because of them. As a result, Alumnus has always played an important role in the growth of the Poornima Group.

The Alumni Society conducted various session on Career Guidance, Personality Development, Engineering-Efficiently & Effectively, Design Tools, Value Added Engineering, Placement Process and many more

## POORNIMA COLLEGE ALUMNI SOCIETY

### Executive Committee

Name	Post
Shashikant Singhi	Chairman
Renu Singhi	Advisor
Dipti Lodha	Secretary
Rahul Singhi	Treasurer
Arvind Balan	Member
Rekha Nair	Member
Ashok Kumar Jain	Member
Sudhanshu Goyal	Member

## POORNIMA INSTITUTE ALUMNI SOCIETY

### Executive Committee

Name	Post
Shashikant Singhi	Chairman
Renu Singhi	Advisor
Dipti Lodha	Secretary
Rahul Singhi	Treasurer
Manoj Singh	Member
Priya Mathur	Member
Simranjeet Singh Sudan	Member
Anchit Aneja	Member





# Students' Council

Students' Council in Poornima Group is a body that acts as a bridge between the students and the management. The members of the council serve as a liaison between the student body and the college administration.

The primary purpose of the students' council is to represent the interests of the students in matters related to academics, extracurricular activities and campus life. The council works towards ensuring that the students have voice in the decision-making process of the institution and that their concerns are heard and addressed.



## CHAIR



**BHAVIK LOUNGANI**

## CO CHAIR



**ADITI CHAUDHARY**

## CO CHAIR



**SUJAL SHARMA**

## CHAIR



**SALONI MITTAL**

## CO-CHAIR



**HIMANI SHARMA**

## CO-CHAIR



**SAMYAK GUPTA**



# Impeccable Placements: Your Testimony to Success

In the changing global scenario, a suitable job is of paramount importance for the students graduating from any discipline. We, at Poornima, have a full-fledged Training and Placement Cell working towards the fulfillment of the students' aspirations of having the best professional career.

The Training and Placement Team at Poornima is dedicated towards achieving 100% placement record and leaves no stone unturned in preparing recruitment schedule of the year by inviting HR Teams from all the corporate sectors to ensure smooth functioning of the Campus-Recruitment process.

Poornima Group's vision is to make its students globally competitive. For Poornima, on campus placement of its students is not a challenge but a simple outcome of efforts being put during the graduation. To make the students industry ready, we believe in running the programs with the industry and its partnership. Poornima has signed MoUs with multinational companies like-VVDN Technologies Pvt Ltd, Ingenuity Gaming and Celebal Technologies to set up their Research & Development wings and build future manpower right from the first Year of graduation with the ultimate goal of making students globally competitive.

## Placement statistics of passing out batch of 2023

COMPANIES VISITED ON CAMPUS	350+
NO OF PLACEMENT OFFERS	1600+
PLACEMENT FOR EE, CIV & ME	79%
HIGHEST PACKAGE	₹ 45 LPA
AVERAGE PACKAGE	₹ 5.45 LPA

## Placement statistics of passing out batch of 2024

COMPANIES VISITED ON CAMPUS	350+
NO OF PLACEMENT OFFERS	1500+
PLACEMENT FOR EE, CIV & ME	87%
HIGHEST PACKAGE	₹ 12 LPA
AVERAGE PACKAGE	₹ 5.40 LPA

## INTERNSHIPS

Internships are the best way for students to gain the work experience necessary to find a job after graduation. In fact, nearly 7 out of 10 internships culminate with a full time job offer after successful completion of the program. Student's pathway to employment starts with landing in a right internship. The students of Poornima University pursued the internship in following companies for a rigorous training:

- Activant Solutions
- Alok Industries Limited
- Asian Paints
- BARC
- CAD Desk
- Computronics System Pvt. Ltd.
- Duferco Asia PTE Ltd.
- Genus Power Infrastructure
- Habilelabs Pvt. Ltd.
- Huhtamaki PPL Ltd
- iDream Tech
- JMRC
- Koide
- Locus RAGS
- Mozark Group
- Orient cables
- Raffles
- Schindler India Pvt. Ltd.
- Siyaram Silk Mills Ltd
- Tafe Motors and Tractor
- Torrent Power
- Vision Automation Solutions
- Adani Power Limited
- Arden Telecom
- ATMECS Technologies
- Barclays, Dubai
- Capgemini India Ltd.
- Diffusion Engineers Ltd.
- Energy and Firetech India
- Gram Power India Pvt. Ltd.
- Hackwithinfy
- Hyundai Motor India Ltd.
- India Bulls
- Johns Electric
- KPTL
- Mahima Group
- National Aluminium Company Ltd
- Pinnacle Infotech Solutions
- Ranosys Technologies
- Shilpa Alloys Pvt. Ltd.
- Sopra Steria
- Tata Motors Ltd
- Triveni Terbines
- Wipro Ltd. (Elite NLTH)
- Airport Authority of India
- ARG Group
- AU Small Finance Bank
- BHEL
- Caprihans India Ltd.
- DMRC
- Exide Industries Ltd.
- Greenply Industries Ltd
- HDFC Bank
- IBM India
- Infosys Ltd.
- JSW Steel Ltd.
- L&T Infotech Ltd
- Mangalam Cement Ltd
- National Elect. Equipments
- Prism Johnson Ltd.
- Reliance Jio
- Shriram Transport Ltd.
- Synoriq-Qriyo
- TCS
- UXArmy Software Pvt. Ltd.
- Wipro Ltd. (WILP)
- Alkem Laboratories Limited
- Ashok Leyland
- Bajaj Auto Finance
- BYJU's (Think & Learn)
- Collabera Services Pvt. Ltd.
- DRDO
- Genpact
- GVK
- Hike Education
- ICICI Prudential Life Insurance
- JCB India
- KEC International Ltd
- Link Ruit
- Mobiloitte
- Nilon's Enterprises Private Ltd
- Prologis Freight India Private Ltd
- RSWM Ltd.
- Signature International Pvt. Ltd
- Synopsis
- Thrillophilia
- V2 Solutions
- Zycus Infotech Private Limited



# Our Top Recruitment Partners

					
					
					
					
					
					
		<b>3600+ Offers in 400+ Companies</b> (Last 3 Years)			
					
					
					
					
					
					

# ★★ *Impeccable Placements* ★★

(Last 3 Years)

## STUDENTS OFFERED 30 LACS & ABOVE PACKAGE



**AANCHAL ASNANI**  
Amazon



**GAURAV PIPADA**  
Tekion



**APREKSHA MATHUR**  
Flipkart

## STUDENTS OFFERED 10 LACS & ABOVE PACKAGE



**Harsh Rathore**  
Cimpress



**Mayank**  
Cimpress



**Yaduttam Pareek**  
Cimpress



**Kunal Sharma**  
Cimpress



**Mayank Agarwal**  
Cimpress



**Nitu Pandel**  
Cimpress



**Shiwang Gupta**  
Cimpress



**Aditya Mishra**  
Maersk



**Mann Sethi**  
Maersk



**Sejal Jain**  
Maersk



**Lakshay Jain**  
Maersk



**Himanshu Singh**  
Synopsis



**Rohit Mathur**  
Rt Camp



**Lovish Yadav**  
Cimpress



**Utkarsh Paliwal**  
Cimpress



**Chirayu Khandelwal**  
Optum



**Gayatri Rupchandani**  
Optum



**Riya Modi**  
Optum



**Eshika Mittal**  
Optum



**Khushbu Pareek**  
Optum



# Rajasthan Technical University (RTU) Merits

## Meritorious Students of Last 3 Years



**DIVYA RASTOGI, CIV**  
RTU Merit No. 1



**RAHUL MEENA, ME**  
RTU Merit No. 1



**AKSHITA RASTOGI, CSE**  
RTU Merit No. 3



**LOVELY JAIN, IT**  
RTU Merit No. 4



**PRANJAL RAJORIYA, CIV**  
RTU Merit No. 4



**ANIL GUPTA, CIV**  
RTU Merit No. 5



**RANJEET THAKUR, CIV**  
RTU Merit No. 6



**LEKHA TIWARI, ME**  
RTU Merit No. 6



**MADAN MOHAN MEENA, CIV**  
RTU Merit No. 9

## Faculty Achievement

**Dr. Garima Mathur**

Awarded Certificate of Appreciation from DST Rajasthan, on the occasion of International Women's Day-2023 for the commendable contribution in the field of Science & Technology.

**Dr. Shilpi Jain**

Awarded Best Researcher Award 2023 from Institute of Technical & Scientific Research

**Dr. Priya Mathur**

Received a grant of Rs. 2 Lakh for a project from RTU Kota under TEQIP-III

**Dr. Mukesh Chandra**

Awarded I2OR National Academic Excellence Award on National Science Day

**Dr. Payal Bansal**

Awarded Academic Excellence Award: 2023-24 on International Women's Day & Elected as a Senior Member of IEEE.

**Dr. Rajkumar Satnakar**

Awarded Research Innovation Champion Award-2023

**Dr. Suchi Dave**

Awarded Women of Wonder-2023 by Mrs. Vasundhara Raje Former Chief Minister of Rajasthan

Awarded Women Excellence Award-2024 (Social Activist) by Youth Federation

**Dr. Vineet Sharma**

Awarded Excellence in Research by ITS Foundation & Institution of Engineers

**Dr. Dinesh Goyal**

Empanelled as an 'Assessor (NAAC Peer Team Member)' by NAAC, MoE & also awarded CMI Level 5 Award in "Management and Leadership" under AICTE-UKIERI Technical Leadership Development Program (Amongst top 100 Academicians in Cohort 6)

**Dr. Devendra Kr. Somwanshi**

Awarded Excellence in Education by Mr. Rohit Sharma, Captain of Indian Cricket Team powered by LEO1

**& Dr. Gautam Singh**

**EARG Award Recipients :  
(Math Tech Think Foundation)**

Dr. Mahesh M Bundele, Dr. Pankaj Dhemia, Dr. Rekha Nair, Dr. Devendra Kumar Somwanshi, Dr. Mukesh Didwania, Dr. Manoj Gattani, Dr. Garima Mathur, Dr. Pran Nath, Dr. Nikita Jain, Dr. Nitesh Mudgal, Mr. Manish Dubey

# Computer Science & Engineering (Cyber Security)

## Program Overview

This program of Computer Science & Engineering (Cyber Security) is intended to mould students into well prepared Cyber Security Professionals and has been designed with a good balance between theoretical & practical aspects, analytical and architectural methods complemented by academic research and industry best practices. The curriculum is specially prepared by experts covering all the needs and aspects a Cyber-Security Engineer. Through this program, the students will learn and acquire the necessary theoretical background and hands-on technical aspects of Cyber Security. Student will develop deep understanding of analytical methods and industry practices of Cyber Industry. They become proficient in handling the cyber threats and other vulnerabilities the era.

## Thrust Areas

- Virtual Private Network Security solutions
- Security of Vehicular Communication (VC) systems
- Security of key internet protocols (Ipv4 to Ipv6), Domain Name System (DNS) and Border Gateway Protocol (BGP), Routers, Servers
- Security of wireless devices, protocols and networks.
- OS Security and trusted OS
- Automatic generation of test suites, safe programming languages

## Academic Framework

- Data Structures and Algorithms
- Mathematics for Cyber Security
- Cryptology
- Machine Learning for Cyber Security
- Advanced Computer Networks and Security
- Secure Data Management
- Ethical Hacking and Network Defense
- Python Programming

## Professional Certificate Courses

- Certified Ethical Hacker
- Certified Information System Auditor
- Certified Information Systems Security Professionals
- Certified Information System Manager (CISM)
- Certified Cloud Security Professional



## Career Opportunities

The burgeoning rate of Cyber Crimes has led to increased demand for Cyber professionals. These professionals need expertise in multiple domains of Computers. Subsequently, the job opportunities in this sector have also increased threefold. There are multiple career opportunities after completion of a Cyber Security B.Tech. Course. A few of them are given below:

- Information Security Analyst
- Ethical Hackers & Penetration Tester
- Information Security Officer
- IT Security Consultant
- Security Systems Administrator
- Cyber Security Analyst
- Security Engineer / Architect
- Cryptographers
- Digital Forensics Experts
- Cyber Security Educator

## Learning Outcomes

Students will be able to:

- Analyze and resolve security issues in networks and computer systems to secure an IT infrastructure
- Design, develop, test and evaluate secure software
- Develop policies and procedures to manage enterprise security risks
- Evaluate and communicate the human role in security systems with an emphasis on ethics, social engineering vulnerabilities and training
- Interpret and forensically investigate security incidents





# Artificial Intelligence & Data Science

## Program Overview

An Artificial Intelligence (AI) and Data Science program typically covers a wide range of topics to equip students with the knowledge and skills necessary to work in AI, Machine Learning, Data Analysis, and related areas. AI and Data Science employ scientific methods for hypothesis formulation, experimentation, and validation. This involves creating models and algorithms to represent and process data, testing these models against empirical evidence, and refining them based on observed outcomes. AI and Data Science integrate methodologies, processes, and techniques from various disciplines to extract actionable insights and knowledge from structured and unstructured data, enabling informed decision-making and automation across diverse domains and industries.

## Thrust Areas

- Natural Language Processing (NLP)
- Predictive Analytics and Forecasting
- Anomaly Detection
- Ethical AI and Responsible Data Science
- Artificial Intelligence & Deep Learning, Machine Learning
- Big Data Analytics, Image Processing & Data Mining
- Computer Network Security & Data Security
- Integrated Business Intelligence Application Development
- Software Defined Networks (SDN), Edge Computing & Cloud Technologies
- Robotics and Automation Systems

## Academic Framework

- Robotics and Intelligent Systems
- Introduction to Deep Learning
- Designing Algorithms
- Artificial Neural Network, Natural Language Processing
- Deep Learning & Artificial Intelligence
- Data Structures & Designing Algorithms
- Database Management Systems
- Computational Strategies
- Cloud and Distributed Computing Paradigms
- Mobile Technologies

## Cutting Edge Laboratories & Facilities to be developed

- Statistical Analysis Lab
- Java and Python Lab
- IoT and Cloud Computing Lab
- Machine Learning and Deep Learning Lab (In collaboration with AICTE-MODROBS)
- Natural Language Processing (NLP) Lab
- Computer Vision Lab
- Cyber-Physical Systems Lab
- Ethical AI and Responsible Data Science Lab
- Business Intelligence Lab (In Collaboration with IBM)
- Programming & Optimization Lab
- Cloud Computing Lab (In Collaboration with AWS Academy)
- Numerical Modeling Lab

## Professional Certificate Courses

- Google professional Data Engineer Certification
- SAS Certified Data Scientist
- Google Machine Learning Engineer Certification
- Microsoft Certification in Azure Data Scientist
- Red Hat Certified Engineer (RHCE)
- Certified Analytic Professional
- Cloudera Certified Associate (CCA)-Data Analytics
- Business Intelligence by IBM
- Cloud Computing by IBM



## Career Opportunities

Over the past few years, there has been a remarkable surge in career prospects within artificial intelligence (AI) and Data Science (DS) fields, aligning with the rapid pace of digitalization across industries. Some of these include:

- Machine Learning Engineer
- Data Scientist / Analyst / Architect
- AI Engineer / Solution Leader
- Machine Learning Architect
- Speech Scientist-AI & Machine Learning
- Computer Vision Engineer
- Robotics Engineer

## Learning Outcomes

Students will be able to:

- Gain understanding of AI fundamentals and intelligent agent architecture.
- Analyze and formalize the problem as a state space, graph, design heuristics and select amongst different search or game based techniques to solve them
- Develop intelligent algorithms for constraint satisfaction problems and also design intelligent systems for Game Playing
- Apply Natural Language Processing concepts for cognitive computing tasks.
- Build and evaluate data-driven models for various applications.
- Acquire proficiency in statistical data analysis for informed business decision-making.
- Apply Data Science principles to solve real-world business problems.
- Utilize data mining software for practical problem-solving.
- Employ cutting-edge tools and technologies for Big Data analysis.
- Implement advanced algorithms to construct intelligent machine systems.







# Computer Science & Engineering (Artificial Intelligence)

## Program Overview

The fusion of "Artificial" and "Intelligence" forms the term "Artificial Intelligence" (AI), representing human-made or non-natural entities endowed with the ability to comprehend and reason. AI's evolution is evident in its applications, ranging from virtual assistants like Siri to autonomous vehicles. Despite science fiction's portrayal of humanoid robots, AI encompasses a broad spectrum, including Google's algorithms, IBM's Watson, and even autonomous weapon systems.

In the realm of technology, mastering AI requires proficiency in diverse domains. This includes understanding object-oriented principles, designing robust algorithms, managing databases efficiently, creating AI systems, ensuring information security, processing images and text effectively, and managing cloud storage resources. These skills empower technologists to innovate and navigate the ever-evolving landscape of technology with confidence.

## Thrust Areas

- Autonomous Systems and Robotics
- Healthcare and Medical Technologies
- Intelligent Environments
- Legal and Ethical Considerations
- Mobile Computing Solutions
- Cutting-Edge Materials Science
- Advanced Research Computing
- Visionary Technologies in Language and Communication
- Sustainable Development and Environmental Technologies
- Cyber security and Privacy Preservation

## Academic Framework

- Computational Resources
- Algorithmic Foundations
- Reinforcement Learning Techniques
- Neural Networks and Deep Learning Models
- Specialized Artificial Intelligence Applications
- Machine Learning with Amazon Web Services
- Multimedia Technologies
- Integration of Embedded Systems
- VLSI Design, Verification, and Testing Processes
- Architectural Frameworks for Academic Development

## Cutting Edge Laboratories & Facilities to be developed

- AI Horizons Network Lab (In Collaboration with IBM India)
- Business Intelligence Lab (In Collaboration with IBM India)
- Network Programming Lab
- Programming & Optimization Lab
- IoT & Cloud Computing Lab (In Collaboration with AWS Academy)
- Java Technology Lab
- Deep Learning Lab (In Collaboration with AICTE-MODROBS)
- Integrative Modeling and Simulation Lab

## Professional Certificate Courses

- Google professional Data Engineer Certification
- SAS Certified Data Scientist
- Google Machine Learning Engineer Certification
- Microsoft Certification in Azure Data Scientist
- Red Hat Certified Engineer (RHCE)
- Certified Analytic Professional
- Cloudera Certified Associate (CCA)-Data Analytics
- Business Intelligence by IBM
- Cloud Computing by AWS
- Tensor Flow



## Career Opportunities

The realm of Computer Engineering (Artificial Intelligence) stands poised to introduce groundbreaking innovations that will reshape our world. From autonomous vehicles to automated medical diagnosis, AI promises transformative changes in both our daily lives and professional endeavors.

The allure of AI technology is currently unparalleled, fueling a surge in interest and making AI-related career paths highly sought-after in the job market. This surge has firmly established Computer Engineering (Artificial Intelligence) as one of the most prominent and promising careers within the tech industry.

- Robotics Engineer
- Computer Vision Engineer
- Data Scientist / Research Scientist
- Machine Learning Intelligent System Researcher
- Business Intelligence Developer
- Big Data Engineer / Product Manager
- AI & Data Analytics Specialist
- AI Engineer/Developer
- AI Research Scientist / Ethicist
- AI Product Manager / Consultant
- AI Entrepreneur/Startup Founder / Educator/Trainer

## Learning Outcomes

Students will be able to:

- Design AI Functions for intelligent systems like computer games, expert systems and mobile robots, among others.
- Develop an appreciation for what is involved in learning models from data.
- Apply learning algorithms to real-world problems, optimize models, and report expected accuracy.
- Discuss core concepts and algorithms of advanced AI, covering topics like informed searching, logic, reinforcement learning, deep learning, and natural language processing.
- Compare AI with human intelligence and traditional information processing, analyzing strengths, limitations, and applications to complex problems.







# Computer Science & Engineering (Data Science)

## Program Overview

The realm of Computer Science intersects with Data Science, facilitating insights from vast datasets and enabling informed decision-making. Data Science encompasses the extraction of knowledge and insights from structured and unstructured data, employing various techniques such as statistical analysis, machine learning, and data visualization. Mastery in Computer Science for Data Science equips individuals to navigate this complex landscape, leveraging computational resources and algorithmic foundations to extract valuable insights and drive innovation.

## Thrust Areas

- Data Mining and Analysis
- Machine Learning and Predictive Modeling
- Big Data Analytics
- Artificial Intelligence Applications
- Natural Language Processing
- Image and Video Processing
- Cloud Computing
- Cybersecurity and Privacy Preservation
- Business Intelligence and Decision Support Systems
- Data Visualization and Communication

## Academic Framework

- Computational Resources
- Algorithmic Foundations
- Machine Learning Techniques
- Deep Learning Models
- Data Science Applications
- Cloud Computing Infrastructure
- Security and Privacy Measures
- Business Intelligence Tools
- Data Visualization Techniques
- Communication Skills for Data Science Professionals

## Cutting Edge Laboratories & Facilities to be developed

- Business Intelligence Lab (In Collaboration With IBM India)
- Networking Lab
- Programming & Optimization Lab
- Cloud Computing Lab (In Collaboration With AWS Academy)
- Java Technology Lab
- Deep Learning Lab
- (In collaboration with AICTE-MODROBS)
- Numerical Modeling Lab

## Professional Certificate Courses

- Google Professional Data Engineer Certification
- SAS Certified Data Scientist
- Microsoft Certification in Azure Data Scientist
- Certified Analytic Professional
- Cloudera Certified Associate (CCA)-Data Analytics
- Business Intelligence by IBM
- Cloud Computing by AWS
- Data Visualization with Tableau
- Python for Data Science
- R Programming for Data Analysis



## Career Opportunities

The field of Computer Science for Data Science offers diverse career opportunities in various industries. Graduates can pursue roles such as:

- Data Scientist
- Machine Learning Engineer
- Data Analyst
- Business Intelligence Developer
- Big Data Engineer
- Artificial Intelligence Specialist
- Cloud Solutions Architect
- Cybersecurity Analyst
- Research Scientist
- Data Visualization Specialist

## Learning Outcomes

The students will have:

- Analyze and extract insights from complex datasets using computational resources.
- Apply algorithmic principles to solve real-world data science problems.
- Implement machine learning and predictive modeling techniques to derive actionable insights.
- Develop deep learning models for advanced data analysis tasks.
- Apply data science applications across various domains, including natural language processing and image processing.
- Utilize cloud computing infrastructure for scalable data analysis and storage.
- Implement security and privacy measures to protect sensitive data.
- Utilize business intelligence tools to support decision-making processes.
- Create effective data visualizations to communicate insights.
- Demonstrate effective communication skills essential for data science professionals.

# Computer Science & Engineering (IoT)

## Program Overview

The Computer Science Engineering (CSE) Internet of Things (IoT) program at Rajasthan Technical University (RTU) provides students with a comprehensive understanding of IoT technologies. Through a mix of theoretical courses and practical experiences, students gain expertise in areas such as embedded systems, sensor networks, data analytics, and cybersecurity. The program emphasizes hands-on learning, industry collaboration, and project-based experiences, preparing graduates for successful careers as IoT engineers, researchers, or entrepreneurs.

## Thrust Areas

- Sensor Networks
- IoT Data Analytics
- Data Analytics
- Embedded Systems
- Cloud Computing
- IoT Security
- Wireless Communication
- Machine Learning and Artificial Intelligence
- Smart Cities and Infrastructure
- Industrial Automation

## Academic Framework

- Software Engineering
- Object Oriented Paradigm & Programming Languages
- Data Structures & Designing Algorithms
- Database Management Systems
- Data Communication & Computer Networks
- Compiler Design & Computational Strategies
- Artificial Intelligence
- Computer Graphics & Multimedia
- Cloud and Distributed Computing Paradigms
- Mobile Technologies
- Information Security Systems
- Image Processing and Information Retrieval Systems
- Machine Learning & Big Data Analytics

## Cutting Edge Laboratories & Facilities to be developed

- C and C++ Programming Lab
- Java and Python Programming Lab
- Data Structures and Database Management Lab
- Computer Graphics Lab
- IoT and Cloud Computing Lab by IBM
- Red Hat Lab
- Web Designing Lab
- OS and Linux Lab
- Network Programming Lab
- VLSI and Compiler Design Lab
- Mobile Application Development Lab
- Big Data Analytics Lab
- Digital Image Processing Lab

## Professional Certificate Courses

- Cisco Certified Network Associate (CCNA)
- AWS Certified IoT Specialty
- Microsoft Certified: Azure IoT Developer Specialty
- Certified IoT Professional
- Certified Internet of Things Practitioner
- Certified Cybersecurity Professional
- Certified Data Analytics Professional



## Career Opportunities

For a Computer Engineer in IoT the gates of various conglomerates in the world gets open. These includes Google, Apple, Amazon, IBM, TCS, Infosys, Wipro and many more IT giants across the globe. The broader areas in which these students establish their leadership are:

- IoT Engineers
- Automation Expert
- Embedded Systems Engineer
- Data Analyst
- Cloud Engineer
- IoT Solutions Architect
- Entrepreneur
- Consultant
- Project Manager
- Researcher

## Learning Outcomes

The students will have:

- Collaborate effectively with multidisciplinary teams, communicate ideas, and present technical concepts to diverse audiences, including peers, faculty, and industry professionals.
- Gain hands-on experience with IoT hardware and software tools, prototyping platforms, simulation software, and development environments through laboratory exercises and projects.
- Apply critical thinking and problem-solving skills to design, develop, and troubleshoot IoT solutions for various applications and domains.



# Civil Engineering

## Program Overview

Civil Engineering program at Poornima is focused towards inculcating the principles of conceiving, designing, building, supervising, operating, constructing and maintaining infrastructure projects and systems in the public and private sector, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment. They work closely with other professionals from different domains to build a better place to live in. Poornima highlights the importance of team working in this discipline and also prepares students to be able to work in outdoor situations.

## Thrust Areas

- Advances in Construction Technology and Structure Designs
- Transportation Engineering and Soil Mechanics
- Hydraulics and Environmental Engineering
- Geomatics Engineering
- Artificial Intelligent, Mathematical Modeling and Software Application in Civil Engineering

## Academic Framework

- Surveying
- Fluid Mechanics
- Building Planning, Materials and Construction
- Hydraulics Engineering
- Concrete Technology
- Environmental Engineering
- Geotechnical Engineering
- Solid Waste Management
- Theory of Structures
- Transportation
- Remote Sensing and GIS
- Design of Concrete, Steel & Water Resources Structures

## Cutting Edge Laboratories & Facilities to be developed

- Concrete Lab
- Road Material Testing Lab
- Computer Aided Building Design Lab
- Survey Lab
- Material Testing Lab
- Hydraulics Engineering Lab
- Computer Aided Civil Engineering Drawing Lab
- Geology Lab
- Design of Foundations Lab
- Design of Concrete, Steel & Water Resources Structures Lab
- Project Planning & Construction Management Lab
- Centre of Excellence Geoinformatics

## Professional Certificate Courses

- Auto CAD
- Staad.Pro
- Revit
- Microsoft Project
- Sketchup



## Career Opportunities

Civil Engineers from Poornima have a versatile and impactful brand value in industries. They have been offered various roles and responsibilities till now and some of them are:

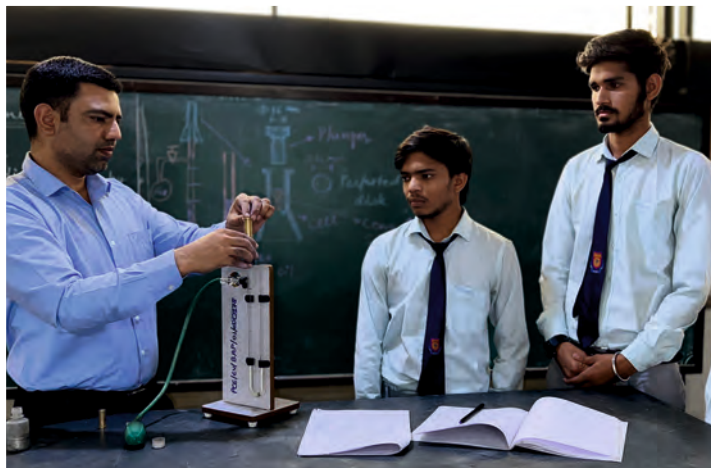
- Indian Engineering Services Officer
- Assistant Engineer (A.En.) on Government roles
- Engineer at Public sector undertakings such as AAI, IOCL, NPCIL, ONGC, HPCL, and NLC
- Junior Engineer (J.En.) on Government roles
- Site Engineer
- Project Engineer
- Design Engineer
- Construction & Maintenance Engineer
- Environmental Engineer
- Landscape Engineer
- Surveyors
- Structural Engineer
- Transportation Engineer
- Urban and Regional Planners and many more.
- Survey Research Agricultural Engineer

## Learning Outcomes

Students will be able to:

- Apply fundamental principles of science, mathematics and engineering using modern tools to solve societal and environmental problems.
- Use their practical, field survey, computer and analytic skills to build industry ready engineers to solve multi-disciplinary sustainable projects.
- Innovative ideas to improve the technical competency in engineering decisions, lifelong learning, to equip leadership qualities in diverse teams, promote and practice appropriate ethical morals to become professional engineers.







# Mechanical Engineering

## Program Overview

Mechanical Engineering is science which deals with production, operation & maintenance, thermal systems, and design of complex mechanical systems. The students are trained to understand, apply and analyze the principles of Thermal, Production and Design Engineering to solve the complex engineering problems. Mechanical Engineering discipline allows students a variety of career options. Mechanical engineering education empowers students with creative thinking skills to design an exciting product or system. It trains them to use analytical tools. This branch also enhances ability to overcome all constraints and develop the team spirit needed to design and develop various mechanical systems.

## Thrust Areas

- Robotics & Manufacturing Automation
- Automobile Engineering
- Design Engineering
- Renewable Energy
- Artificial Intelligence Systems
- Heating Ventilation and Air-Conditioning
- Advanced Materials

## Academic Framework

- Engineering Mechanics
- Engineering Thermodynamics
- Fluid Mechanics and Fluid Machines
- Manufacturing Processes
- Theory and Dynamics of Machines
- Measurement & Metrology
- Quality Assurance and Reliability
- Mechatronics
- Vibration and Steam Engineering
- Robotics and Turbo-Machines
- CNC Machines & Programming
- Refrigeration & Air-conditioning

## Cutting Edge Laboratories & Facilities to be developed

- Basic Mechanical Engineering Lab
- Programming using MATLAB
- Fluid Mechanics Lab
- Production Practice Lab
- Heat Transfer Lab
- Dynamics of Machines Lab
- Industrial Engineering Lab
- Mechatronics Lab
- Thermal Engineering Lab
- CAD & CAM Lab
- Automobile Lab
- 3D Printing Lab

## Professional Certificate Courses

- Solid Works
- Automobile Assembly
- AutoCAD
- Staad.Pro
- CNC Coding
- MATLAB
- Inventor
- Fusion 360
- CATIA



## Career Opportunities

Mechanical Engineers acquire best of the positions and contribute a lot in shaping up the future. Some of the key roles which Mechanical Engineers play are:

- Engineers in Government organizations
- Mechanical Engineers
- Production Engineers
- Design Engineers
- Automotive Engineers
- Heating, Ventilation and Air-conditioning Engineers
- Software Engineers in Integrated domains
- Embedded System Engineers
- Robotics Engineers and many more

## Learning Outcomes

Students will be able to:

- Have good fundamental knowledge of Mathematics, Science and Engineering with an ability of analyzing, designing, innovating and developing the products with practical implementation in the industry.
- Be competitive enough with ethical behaviour, communication skills and leadership qualities to promote the successful professional career working as a team.
- Have excellence multi-disciplinary approach being entrepreneur through the holistic environment inculcating an aptitude for research and lifelong learning.
- Have required knowledge of Mechanical Engineering in the fields of Thermal and Refrigeration for the growth of individual and society







# Electrical Engineering

## Program Overview

Electrical Engineering is one of the largest and most demanding technological and engineering disciplines in the world. It is fascinating due to its Government job employability specifically in the Power/Energy sector. At Poornima, our efforts are directed toward enabling scholars to understand the aspects of Electricity in terms of its generation, transmission, and distribution. Our students also have the upper hand when it comes to developing and conserving Electrical-outfit similar to Electric motors and machines, Industry process equipment, Digital and analog systems, Automation systems etc. Power generation systems, Electrical distribution systems, and electric grids are the areas in which students can work and develop startups. The need for safety, quality, economic feasibility, and sustainability of these products and systems are attracting a global market for young electrical professionals. We in Poornima empower our students for a globally competitive market to stand and make their identity.

## Thrust Areas

- Renewable Energy Sources
- Smart Grid & Micro Grid
- Intelligent Controllers & Optimization
- Drives & Control
- Distributed Generation
- Photo Voltaic materials
- Hybrid Electric Vehicles

## Academic Framework

- Power Generation Process
- Electrical Circuit Analysis
- Electrical Machines
- Power and Digital Electronics
- Signals & Systems
- Transmission & Distribution of Electrical Power
- High Voltage Engineering
- Switchgear & Protection
- Smart Grid Technology
- Artificial Intelligence Techniques
- Electromagnetic Field Theory
- Non-Conventional Energy Sources
- Power Systems and SCADA
- Control Systems
- HVDC Systems
- Power Quality and FACTS Controller

## Cutting Edge Laboratories & Facilities to be developed

- Analog Electronics Lab
- Advanced control lab
- Electrical Machines Lab
- Digital and Power Electronics Lab
- Electric Circuit Design Lab
- Measurement and Control Lab
- Microprocessors and Embedded Systems Lab
- Power System Modelling & Simulation Lab
- Computer Based Power System Lab
- Electrical Drives and Control Lab
- High Voltage Engineering Lab
- PLC Automation set up

## Professional Certificate Courses

- MATLAB
- IoT
- Programmable Logic Controller (PLC)
- SCADA



## Career Opportunities

Electrical Engineers completing their studies at Poornima have rich skillsets. Here, apart from Technical expertise, their Interpersonal skills are also honed, and this results in making a person most demanded by the dynamic Industrial environment. Some of the roles offered to Electrical Engineering students are:

- Junior Engineer
- Electrical Engineer
- Electric Motor Development Engineer
- System Engineer
- Grid Engineer/In-charge
- Design Engineer
- System Engineer
- Test Engineer
- Quality Control Manager
- Network Design Engineer and many more
- Hybrid Electric Vehicle Engineer

## Learning Outcomes

The students will have:

- The ability to formulate, analyze and apply a design process to solve electrical engineering problems.
- Successful transition into a broad range of career options including industry, government, research and professional education as lifelong learner to compete with the global environment.
- Exhibit dynamic communication and presentation skills with the quality of leadership, team management, and time management.
- Exhibit social and professional responsibility with a commitment toward ethics, equity, public, and environmental safety.







# Electronics & Communication Engineering

## Program Overview

Electronics and Communication Engineering (ECE) is a field of engineering that deals with the study and application of electronic devices, circuits, communication systems, and information processing. It encompasses a wide range of topics, including Analog and digital electronics, signal processing, telecommunications, microelectronics, control systems, and networking. The Department has received the reorganization from Rajasthan Technical University Kota of Centre of Excellence–Advanced Wireless Communication.

## RTU Recognized-Centre of Excellence-Advanced Wireless Communication Objectives:

- I. To impart knowledge about Advanced Wireless Communication to the students and the faculty from the institutions across Rajasthan.
- II. To make the resources available to advanced learners and researchers for developing solution to any societal, industrial and environmental applications using Wireless Communication.
- III. To create project based learning environment in and around the institute across the state of Rajasthan.

## Department of Electronics & Communication Engineering signed MOU to impart knowledge conducted various activities, including Training, FDP, academic programs, and knowledge-sharing initiatives:

- Poornima College of Engineering & Rajasthan LSA, Department of Tele Communications, Ministry of Communications, Govt. of India to promote engineering technologies among youth to provide them opportunity to learn and earn certifications through their active participation
- Poornima College of Engineering & CTIF Global Capsule (CGC), Denmark, to collaborate with each other for mutual goals regarding academic opportunities for students and faculty.

## Thrust Areas

- Internet of Things (IoT)
- Antenna Design
- Wireless Communication
- AI & Deep Learning
- Signal Processing
- VLSI Design and Embedded System
- Optical Communication

## Academic Framework

- Network Theory
- Digital System Design
- Analog and Digital Devices and Communication
- Microcontrollers and Microprocessors
- Microwave Engineering
- Industrial Electronics
- Control Systems
- Digital Signal and Image Processing
- Wireless Communication
- VLSI Design
- IC Technology and Nanotechnology
- RADAR & TV Engineering
- Non-Conventional Energy Sources

## Cutting Edge Laboratories & Facilities to be developed

- Electronic Devices Lab
- Digital System Design Lab
- Analog and Digital Communication Lab
- Microcontroller and Microprocessor Lab
- Microwave Engineering Lab
- Signal Processing Lab
- RF Simulation Lab
- Industrial Electronics Lab
- Wireless Communication Lab
- VLSI & Optical Fibre Lab
- RF Fabrication Lab

## Professional Certificate Courses

- Artificial Intelligence
- Internet of Things (IoT) by IBM
- Python
- Networking by RedHat
- Arduino-UNO
- Raspberry pie
- Oracle
- PLC-SCADA



## Career Opportunities

Electronics and Communication Engineers have a diverse range of career opportunities across various industries due to their versatile skill set and knowledge in electronics, communication systems, and signal processing. Here are some common career paths for Electronics and Communication Engineers:

- Telecommunication Industry
- Embedded Systems and IoT (Internet of Things)
- Electronics Manufacturing
- VLSI (Very Large Scale Integration) Design
- Wireless Communication and Networking
- Signal Processing and Image/Video Processing
- Artificial Intelligence

With a strong foundation in electronics and communication technologies, engineers can start their own businesses, developing innovative products, providing consulting services, or venturing into areas such as tech startups, IoT solutions, and niche electronics markets.

## Learning Outcomes

The students will have:

- Possess the ability to apply the recent trends and technologies in electronics & Communication engineering for the benefit of society.
- Have sound fundamental knowledge and niche skills to make themselves increasingly employable in the emerging areas of new power and energy systems, including solar power, renewable energy, electric and hydrogen powered vehicles, communication and networking solutions for the smart cities in India.
- Have the ability to be adaptable to the multidisciplinary nature of the workplace, and develop excellent Interpersonal Skills & Leadership qualities that benefit the individual & organization.







# RTU Centre of Excellence

RTU Centre of Excellence in Artificial Intelligence and Big Data powered by Microsoft, and sponsored by Celebal Technologies is a pivotal initiative of the Poornima College of Engineering towards positioning the institute as a premier destination in the field of Artificial intelligence and Big Data. Core objective is to develop skills and nurture quality human capital, create talent pipeline to meet the ever growing requirements for AI and Big Data professionals and create multiplier impact on economy, industry and society. The Centre of Excellence facilitates the implementation of impactful training programs and projects through collaborations with industry and academia, harnessing the advanced capabilities of the NVIDIA Ampere A100 GPU server. This powerful infrastructure supports deep learning and accelerated analytics, delivering exceptional performance for complex computations.



The RTU Center of Excellence for Advanced Wireless Communication, initiated by the Poornima Group, is dedicated to positioning the institution as a leader in Advanced Wireless Communication. Its primary goal is to nurture expertise and build a pool of top-tier human resources, thus creating a talent pipeline to meet the rising demand for professionals in Wireless Communication.

This initiative is designed to have a substantial impact on the economy, industry, and society by empowering skilled professionals capable of contributing effectively to ongoing advancements in this field.

Additionally, the center aims to provide resources to advanced learners and researchers to develop solutions for various societal, industrial, and environmental applications using wireless Communication.

This effort further enhances the center's mission to drive innovation, address real-world challenges, and promote sustainable development through technological advancements in wireless communication.





# Centre of Excellence (HPC)

Centre of Excellence in High performance computing for Intelligent System is funded by AICTE under MODROB Scheme and is focused on Training and skill development of students in the area of Deep learning, Neural Network Machine learning, and Computer Vision.

Having great potential to provide environment in which new ideas, Research and technology develop This Centre facilities t training and facilitate technocrats and innovators of tomorrow to become competent to face the global challenges.

Centre of excellence in High performance computing for intelligent systems conducts activities to develop skill of students in AI, ML, DL, web development. Workshops and FDP are planned to impart awareness and knowledge in emerging areas. Department has conducted many activities in past to make students professional skilled in this domain.



## Utilization of the Centre:

- This centre is governed by the students and for the students
- 24X7 Lab for all students to work, learn and practice with Online access
- High performance computing through GPUs, Cluster nodes, Servers, data centres will be achieved
- Centre with learning of students, faculty members and industrial training
- To publish research at national and international level
- To develop product for current need of country as well as need of local Patented product approach

PIET has already invested INR 52 Lakhs and established Deep learning and Neural Network lab and Internet of things lab. Deep learning & Neural Network Lab is established through AICTE MODROB Grant in Aid. In these labs, Latest Machines GPU work station, Quadro RTX 8000 (48GB) Graphic Card GPU card, Firewall, 41 computer system with Intel(R) Core (TM)i5 CPU @ (2.70GHz, 24 computer system with Core™2 Duo Processor, Arduino Uno, Raspberry PIs and sensors are available which are connected to latest tools and software for students to work in domain area of AI, ML and IoT.

## CoE Programs:

- Semester long internships at industry partners
- Online certification program
- Industry academia interactions on a regular basis
- Faculty trainings and certification courses
- Student projects with beyond syllabus concept in every semester
- Exposure to students of B. Tech. II, III and IV years with regular academic labs
- Workshops, Seminars, FDPs, Trainings/ webinars/ conferences etc. for external students and faculty members
- IPR activities

## Neural Network & Deep learning lab

- Promote Artificial Intelligence and Deep Learning
- Research in the field of Deep Learning
- To build models for a wide range of applications
- To development of new algorithms of a problem
- Research to work on projects like conversational agents i.e. chat bots and virtual assistants in various sub-domains of Deep Learning
- Improve the autonomy of AI systems in possible areas of applications.





# IDEA Lab

PIET AICTE IDEA lab has been established in 2021 at PIET Campus of Poornima Group. The lab is established under a scheme of AICTE with a total cost of Rs 1.08 Crore (out of which Rs 55 lakhs is funded from AICTE) and encourages students to implement STEM ideas to develop product prototypes. Students have 24x7 access to the state of the art lab equipment that includes: 3D Printer, CNC machine, 3D scanner, laser cutter, PCB milling machine, vinyl cutter, SMT (Pick & Place) Machine and many others for complete project development and innovation.

The aim of the idea lab is to generate and develop innovative ideas for various purposes such as new business ventures, product development, process improvement, problem-solving, and much more. It is a space where individuals can collaborate, brainstorm, and come up with solutions to existing problems or explore new possibilities. The IDEA lab encourages creativity, experimentation, and critical thinking, and provides a supportive environment for individuals to bring their ideas to life. Ultimately, the aim is to foster innovation and drive positive change through the power of ideas.

We are excited to announce that PIET AICTE IDEA lab has achieved some significant milestones in the past two year. This achievement is a testament to the hard work and dedication of our faculty members, mentors and students who have worked tirelessly to ensure that PIET AICTE IDEA lab receives the best education and training. In addition to this, our faculty members and students have won several awards and accolades for their research and innovation. We remain committed to providing our students with the best education and training possible, and to continuing our journey towards excellence .

The achievements at the PIET AICTE IDEA lab are vast and varied, reflecting the lab's core values of innovation, creativity, and collaboration. One potential achievement is the development of innovative products or solutions that solve complex problems and meet the needs of customers or communities. These solutions include new technologies, services, or processes that disrupt traditional industries, generate revenue, and create job opportunities.

In past two year only, we had successfully organized 20 FDP's, 50 Skilling Sessions, 16 Workshops on multidisciplinary topics, Internship Program, National Level Project Exhibition (Udbhav), National Level Hackathon (2nd Edition of Poornima Hackathon), SIH 2023, in that Total 30 teams are nominated from the Central Govt. side and finally 6 teams were the winners of SIH 2023, apart from this we have also published 62 Patents and signed 15 MoUs with different companies.



# International Certification

**Poornima Institute of Engineering and Technology** is the 1st premier institute to have all of its computer science engineering faculties certified by Microsoft, Udemy, Swayam, NPTEL, Oracle, Redhat and many more. PIET has its own skill development cell that focuses on both student and faculty skill development, with various International certification being one of the tools. PIET Skill Development Cell has been entrusted the responsibility to train students by providing them various courses, with objective for enhancing their Employment/ Self- Employment opportunities. PIET Skill Development Cell (SDC) has partnered with various world renowned industrial giants.

## About Microsoft certification and Azure

The Microsoft certification is a complete program that provides students with the latest technology skills in a universal economy. Microsoft Certifications delivers class-based learning, online examinations, student follow ups, labs, and instructor training and support. Microsoft offers more than 250 certifications for different levels of expertise based on associated exams.

Microsoft Azure is a cloud-based platform for developing, testing, deploying, and managing applications and services in a Microsoft-managed data centre. Azure's cloud adoption framework gives clients a collection of tools, information, and stories to help them adapt technology and business in the way that will help them achieve their goals faster. The learner will become an expert in Azure applications and architecture after completing this Azure certification course. It covers the fundamentals of cloud computing as well as cloud implementation in Microsoft Azure.

## Benefits Of Azure Certification

- Students and faculties get to learn the basics of Microsoft Azure
- It will make the user well versed about virtual networking skills and its implementation through Microsoft Azure
- This certification will be key for you to uncover an entire world of networking which is yet unexplored
- understanding of Cloud Concepts, core Azure services., Security, privacy, compliance, and trust
- It gives Students and faculties a global recognition for their knowledge, skills, and experience.
- Learners will learn how to manage Azure user and group subscriptions, billing, and role-based access control
- To implement use cases and configuration options for Azure app services and app service environments
- To design an Azure app service web app using Azure CLI, PowerShell
- A CV with gleaming certifications have an enormous advantage in terms of job prospects and earning, as it leads to a rampant gain in both.

## Certification from other agencies

Poornima believes in Continual Learning of faculty, staff and students which includes completing certification courses from other agencies like UDEMY, COURSERA, Red Hat Academy, Oracle, along with Massive Open Online Courses (MOOCs) platforms like NPTEL, SWAYAM etc. and encourages all the faculty members, staff and students to undertake the same with various incentives and credits. We have achieved more than 500 certification by our faculty, students and staff members from these platforms in last 02 years





# Residential Facilities

Poornima Hostels are home away from home for the students and provide ample scope, opportunities and facilities for all round development of personality and leadership qualities among the students. Students participate effectively in the management of hostels, food services, games and sports, cultural and literary activities. Youth events are organized regularly to promote competition in the cultural field with idle goodwill and cheer to promote competition in cultural fields. Inter college or Inter Hostel cultural and sports activities are organised and supported to fulfil these objective. They attract highly talented and acclaimed participants besides appreciative audiences. Debates, symposia and quiz competitions on current issues are also organised in coordination with the student council. In addition to the above, students are encouraged to partake in various college activities and sports events that are conducted throughout the year. Apart from it following are the characteristics features of hostels at Poornima Group:

- Anti-Ragging Squad to make Poornima Group Ragging Free
  - Separate Wardens for Boys and Girls Hostel with 24/7 Medical Facilities
  - Hygienic Mess facilities and on campus canteen for refreshment
  - Well-equipped rooms with air conditioning / air cooling system, fine interiors and solar water heating system
  - Laundry services, stationery shop & department store
- Water coolers fitted with RO water purifier
  - Guest rooms for visiting parents/ guardians
  - 24/7 Power Back Up and Wi-Fi facilities
  - Well-equipped Gymnasium with modern machines and finest interiors
  - Indoor and outdoor games facilities such as Basket Ball, Volley Ball, Squash, Chess, Carom, Cricket etc.
  - Salon facility available for girls hostellers

Category	Room Facilities	Fee
Base Room	(Double occupancy, non - air cooled room with common bathrooms & Veg. meals, inclusive of laundry electricity & water)	₹ 1,05,000/-
Air-cooled Room	(Double occupancy, Common Duct Air Cooler with common bathrooms & Veg. Meals, inclusive of laundry, electricity & water)	₹ 1,17,000/-
Air Conditioned Room	(Double occupancy with common bathrooms & Veg. Meals, inclusive of laundry, electricity & water)	₹ 1,35,000/-

- ₹ 10,000/- Hostel Caution Money (Onetime & Refundable on completion of the program)
- For add ons facilities of personal nature such as Attached Bathroom, Air Conditioner, Television, Refrigerator, Single-Occupancy, Saloon etc. are available on chargeable basis.
- For any query please contact Director, Student Welfare Poornima Group at E-mail: [dsw@poornima.org](mailto:dsw@poornima.org) / Contact: +91-9829255103









# Programs Offered

## Under Graduate programs in Engineering

Program	Duration	Campus & Available Seats	
		PIET	PCE
B.Tech. (Artificial Intelligence & Data Science)	4 Years	60	60
B.Tech. (Computer Engineering)	4 Years	180	180
B.Tech. (Computer Sci. & Engg. (Artificial Intelligence))	4 Years	60	60
B.Tech. (Computer Sci. & Engg. (Cyber Security))	4 Years	-	60
B.Tech. (Computer Sci. & Engg. (Regional Course))	4 Years	60	60
B.Tech. (Computer Sci. & Engg. (Data Science))	4 Years	60	-
B.Tech. (Computer Sci. & Engg. (IoT))	4 Years	60	-
B.Tech. (Information Technology)	4 Years	-	60
B.Tech. (Civil Engineering)	4 Years	-	60
B.Tech. (Electrical Engineering)	4 Years	30*	30+30*
B.Tech. (Elec. & Comm. Engineering)	4 Years	30*	30+30*
B.Tech. (Mechanical Engineering)	4 Years	-	30+30*

\*Approval Awaited

## Lateral Entry Admission in 2<sup>nd</sup> year of B.Tech.

Program	Duration	Campus & Available Seats	
		PIET	PCE
B.Tech. (Artificial Intelligence & Data science)	3 Years	6	6
B.Tech. (Computer Engineering)	3 Years	18	18
B.Tech. (Computer Sci. & Engg. (Artificial Intelligence))	3 Years	6	6
B.Tech. (Computer Sci. & Engg. (Cyber Security))	3 years	-	6
B.Tech. (Computer Sci. & Engg. (Regional Course))	3 Years	6	6
B.Tech. (Computer Sci. & Engg. (Data Science))	3 Years	6	-
B.Tech. (Computer Sci. & Engg. (IoT))	4 Years	6	-
B.Tech. (Information Technology)	3 Years	-	6
B.Tech. (Civil Engineering)	3 Years	-	6
B.Tech. (Electrical Engineering)	3 Years	-	3
B.Tech. (Elec. & Comm. Engg.)	3 Years	-	3
B.Tech. (Mechanical Engineering)	3 Years	-	3

## DOCUMENTS REQUIRED BY RAJASTHAN TECHNICAL UNIVERSITY FOR ENROLMENT

Document	Essential / Desirable
Aadhar Card	Essential
X Mark sheet	Essential
XII Mark sheet and/or Admit card	Essential
6 Passport size photographs	Essential
Domicile Certificate (if you are from outside Rajasthan)	Essential
JEE Score Card	Essential (If appeared)
T.C.	Essential at the time of joining
Migration	Essential at the time of joining
Photocopy of student passport, driving license	Desirable and if available
Photocopy of PAN Card and Aadhar Card of parents	Essential at the time of joining
Income Certificate/ EWS	If annual income less than 8 lacs

## Fee Structure for Session 2024-25 (I Year Students)\*

As per Government of Rajasthan State Fee Regulatory Committee and Government of India National Fee Committee

Institute	Tuition Fee (Per Annum)	Development Fee (Per Annum)	NAAC Accreditation Fee (25% of Tuition Fee) (Per Annum)	Total Fee (Per Annum)	**Autonomous Institution Fee (10% of Tuition Fee) (Per Annum)
Poornima College of Engineering	₹ 81500	₹ 12225	₹ 20375	₹ 114100	₹ 8150
Poornima Institute of Engineering & Technology	₹ 81500	₹ 12225	₹ 20375	₹ 114100	₹ 8150

\*Tentative subjected to final approval of Rajasthan State Fee Regulatory Committee for session 2024-25

\*\*As per AICTE norms, Autonomous institutions can charge 10% additional tuition fee if the autonomy is attained before or during the academic session.

### Fee Schedule

Fee Type	I Installment	II Installment	Other Fee (at the time of joining)	
Annual Fee	₹ 50000	₹ 64100	Uniform Fee	₹ 4000 (One Time)
Registration Charges	₹ 1500 (One Time)	-	Activity Fee	₹ 5000 (Per Annum)
Caution Money	₹ 7500 (One Time)		RTU Exam & Enrollment Fee	Actual (As per RTU)
RTU Development Fee	₹ 2500 (One Time)			
<b>Total</b>	<b>₹ 61500</b>			

<b>II Year (Lateral Entry Students)</b>	Lateral Entry Students [(50% of Tuition & Development Fee) + Accreditation Fee]
	All Other fees (Accreditation Fee, Reg. Fee, Caution Money, RTU Dev. Fee, Other Activity Fee, Uniform Fee, RTU Exam & Enrollment Fee etc.) will be applicable similar to other students

### POORNIMA GROUP SCHOLARSHIP FOR SESSION 2024-25

12 <sup>th</sup> % (Best Five Subjects)	Scholarship in Tuition Fee till (Subjected to availability as per PCE norms)			Continuation Rule
	Category-1	Category-2	Category-3	
≥80%	90%	60%	30%	<ul style="list-style-type: none"> <li>Further continuation of scholarship in subsequent years will be on the basis of CGPA % in previous year academic performance (% CGPA in both semester RTU theory papers)</li> <li>Students with any back will not be eligible for scholarship in all subsequent years</li> </ul>
70≤79.99%	70%	45%	25%	
60%≤69.99%	50%	35%	20%	
50%≤59.99%	30%	20%	10%	

### OR

Annual Fee will be 50% (Tuition & Development Fee) + Accreditation Fee for a candidate having 50% or above marks in XII(best five subjects) for all four years as per Poornima Group scholarship norms.

**Scholarships are on limited seats, subjected to availability on the date of admission as per Poornima Group Scholarship norms.**

#### Scholarship Eligibility (Session 2024-25)

- Applicable for branches Electronics & Communication Engineering, Electrical Engineering, Civil Engineering & Mechanical Engineering
- Students passing class XII in 2023 & 2024 are eligible for scholarship
- A candidate who is availing any kind of scholarship/ financial assistance from Government/Semi Government or any other private organizations for educational support is not entitled for Poornima Group Scholarship. Any violation of above said term will result in stopping of Poornima Group Scholarship and recovery of already granted Scholarship
- All Other fees (Accreditation Fee, Registration Fee, Caution Money, RTU Development Fee, Other Activity Fee, Uniform Fee, RTU Exam & RTU Enrollment Fee etc.) will be applicable similar to other students

#### AICTE SCHOLARSHIPS:

- AICTE provides Pragati Scholarship to girls to empower the womanhood in Science and Technology and Saksham Scholarship to the boys





# Transportation Facilities

Attention of all students is drawn towards transport fees payable during session 2024-25, which will be for a complete session (ten months) as under:

S.No.	Pickup Point	Fare (₹)
1	Bheruji Circle-25, Pratap Nagar Sec. No.11- 30, Kalimata Mandir (Haldi Ghati Marg)-45, Panna Dhay Circle-55, Bus Stand No 6 (Haldi Ghati Marg)-60, Mausam Vibhag (Near IIHMR)-65, Cheelgadi Restaurant-67, Maharana Pratap Circle-70, RajAangan Club-75, Akshaypatra-85, Dwarika Apartment Circle-93, NRI Circle-97, NRI Ka Chouraha (Jagatpura Road)-285, India Gate-101, Kumbha Gate-103, LIC Office-105, Pratap Plaza-109, 7 No.Bus Stand (Jagatpura)-277, Laxmi Sweets-111, Gaushala-113, Choudhary Petrol Pump-114, Sanganer Thana-115, Sitabari-117, Taron Ki Koont-121, Chouradiya Petrol Pump-303, SKIT Jagatpura-280, Mahima Panorama (Jagatpura)-281, D-Mart (Kendriya Vihar Road)-279, Balaji Mandir (Vatika Road)-11, Shivdaspora-7, Gulmohar Garden (Vatika Road)-99.	20,000/-
2	Chaksu-5, CBI Phatak Jagatpura-276, Durgapura Bus Stand-125, Jaipur Hospital-129, Jawahar Circle - 201, Gold Souk-204, Delhi By Pass-Getor Mode-206, Balaji Mode-212, Apex Circle-215, Kailgiri Hospital-218, Hari Marg-220, St. Anslem School-222, Jain Mandir, Sec.3 (Malviya Nagar)-223, Rungta Hospital-225, Dana Pani (Malviya Nagar)-228, Govind Marg-230, Sec. 04 & 06 Main Road (Malviya Nagar)-232, Reliance Fresh (Malviya Nagar)-234, Model Town (Shree Hospital)-271, Jagatpura Flyover-275, Jain Mandir (Mahaveer Nagar)-401, Durga Mandir (Mahaveer Nagar)-403, Maharani Farm-408, Durgapura Rly. Station-413, Gourav Tower-503, MNIT-508, K.V. No.-3-509, RTO Circle (Jhalana Dungari)-510, Krashi Karyalaya-123, Kamal & Company-133, Gatta-135, Laxmi Mandir Circle (Tonk Road)-137, Mansarovar Puliya-305, Mansarovar Sec. 6-307, Rajawat Farm-309, SFS Hospital-314, IS-322, Vijay Path-326, Hansvihar Mandir-328, Jodhpur Sweets (Mansarovar)-330, Thadi Market-335, Patel Marg-338, Ramtirth Marg-341, KV No. 05-351, Sharyu Marg-354, VT Road-357, Hira Path-360, Rajat Path-363, Kiran Path-365, Varun Path-367, Swaran Path-369, Kaveri Path-371, Stadium (Mansarovar)-373, Patrakar Colony-374, Triveni Nagar Circle-417, Gopalpura Police Chouki-418, Tempo Stand- 421, Mahesh Nagar Chouraha-424, Arjun Nagar Phatak-426, Mahesh Nagar Phatak-428, Ridhi-Sidhi-431, Narayan Niwas-433, Nehru Palace-139, Gandhi Nagar Mode-141, Sodhani Sweets (Tonk Road)-143, Rambagh Circle-145, Shiksha Sankul-511, Bajaj Nagar Tiraha-514, Gandhi Circle-516, Commerce College-518, Rajasthan College-520, Rajasthan University-523, Birla Mandir-526, JP Phatak-801, Imli Phatak-805.	30,000/-
3	SMS Hospital-153, Maharaja College-155, Ajmeri Gate-157, Sanganeri Gate-163, Ghat Gate-166, Transport Nagar-170, Kisan Dharam Kanta (Mansarovar)-372, Gurjar ki Thadi-435, 80 Feet Mahesh Nagar-437, Ganga Jamuna Petrol Pump-439, Devi Nagar-441, Sanjeevani Hospital-443, Lazeez Hotel-445, Dana Pani (Shyam Nagar)-448, Somani Hospital-450, Gautam Marg (Nirman Nagar)-452, Vijay Path Circle (Tilak Nagar)-528, Pani Ki Tanki (Tilak Nagar)-530, Jawahar Nagar (Tuti Puliya)-532, Jawahar Nagar Dairy (MPS)-535, Parnami Mandir-543, Mama Ka Hotel-548, Barf Khana-551, Sindhi Colony (Raja Park)-553, Mental Hospital-555, Kishor Karagarh-557, Dharam Singh Circle-560, Bhagat Singh Park-561, Govt. Press Circle-812, Govt. Hostel-815, Khasa Koti Circle-820, Pital Factory- 824, Dudhi Mandi-826, Collectorate Circle- 823, Chinkara Canteen-825, Power House (Hawa Sadak)-828, Ram Mandir (Hawa Sadak)-901, Nandpuri (Hawa Sadak)-905, Ram Nagar-909, Sushilpura-912, Sodala Thana-915, NBC-916, Galta Gate-171, Khole Ke Hanuman Ji-172, Purani Chungi (Delhi Bye Pass)-173, Prem Nagar Puliya (Agra Road)-174, Purani Chungi (Agra Road)-178, Mali Ki Khoti-175, Ram Garh Mode-176, Jal Mahal-177, SBI (Vaishali Nagar)-455, Bharat Appartment-458, Ghandhi Path-461, Nursery Circle-463, Gandhi Path Mode-465, Chitrkoot Stadium-468, Gupta Store- 471, Vijay Gate (Queens Road)-472, National Handloom-476, Amarpali Circle-478, Bajari Mandi (Vaishali Nagar)-479, Kanakpura (Sirsi Road)-481, Sirsi Mode-483, 21 No. Bus Stand-485, Panchayawala-482, Jaswant Nagar (Khatipura )-484, Khatipura Mode-601, Khatipura Saras Dairy-608, Shani Mandir (Khatipura)-615, Khatipura Pulia-617, Jodhpur Mithan Bhandar (Jhotwara)- 620, Lata Cinema - 623, Medical Centre (Jhotwara)-624, Kanta-625, Pankha-626, Khirani Phatak-630, Shanskar School (Khirni Phatak)-631, Bharat Petrol Pump (Jhotwara)-632, Boring Circle-636, Joshi Marg-638, Rawan Gate-642, Govindam Tower-646, Shekhawat Marg-648, Govindpura-652, Khandaka Hospital-655, Niwaru Puliya-657, Nagal Puliya-659, Vaidh Ji Ka Chouraha (Niwaru Road)-661, 34 No. Bus Stand Niwaru Old-664, Pani Paich-834, Ambabari-838, Bhawani Niketan School-840, Khaitan Hospital-844, Harmada Thana-845, Nindar Mode-846, Jhodla Power House-847, VKI No.14-848, Shastri Nagar-Petrol Pump-852, Subhash Colony-854, Science Park-856, Kanvatiya Circle-860, Biyani College-865, Mandir Mode-866, Hari Nagar (Shastri Nagar)-871, Vidhyadhar Nagar Sec. 2-877, Vidhyadhar Nagar Sec. 5,6,7,10-880, Alka Cinema-881, Agarasen Tower-883, Murlipura Main Road-885, Kediya Palace-887, Dadi ka Phatak-889, Vaidh Ji ka Chouraha (M)-892, VKI Road No. 01 & 05- 894, Kiran Palace-920, Tagore Nagar (Ajmer Road)-922, Purani Chugi (Ajmer Road)-925, Gehlot Ka Bungalow-930, DCM-935, Bhankrota-200 Ft Bypass-940, Heerapura-945, Kamla Nehru Nagar-950.	35,000/-

# Admission Process

The Centre of Electronic Governance will be conducting REAP 2024 for the admission of candidate to B.Tech program.

- Admission through REAP 2024 will be through two streams – JEE Main 2024 and Class 12 qualifying marks
- Counseling of REAP 2024 will be conducted as per schedule of REAP 2024\*
- The candidates who wish to take admission through REAP must fill the application form
- The last date of payment of application fees and submission of application form will be in the last week of June
- The I Round of counseling will be for the candidates not belonging to Rajasthan, Ex-servicemen and PwD candidates
- The II Round of counseling will commence as scheduled by REAP for the candidates belonging to the state of Rajasthan
- The III Round of the counseling will be the upward movement will commence as scheduled by REAP and if the seats remain as vacant, then the special round of counseling will be conducted

\*Subjected to REAP 2024 Guidelines & Schedule

## REAP 2024 IMPORTANT DATES:

The important dates of REAP 2024 will consist dates from the exam point of view. REAP 2024 important dates shall comprise of the dates for the commencement of the registration, application filling and merit list, counseling, etc. **Candidates can go through the REAP 2024 guideline release by REAP, CEG, RTU from time to time on their official website to be aware of the admission and counseling schedule.**

## REAP 2024 ELIGIBILITY CRITERIA\*

S. No	Particulars	Details
1	Entrance Exam	Qualified candidates of JEE Main 2024 (As per REAP-2024) or 10+2
2	Academic qualification	<p>Passed 10+2 examination with Physics and Mathematics as compulsory subjects for Computer Science &amp; Engineering (IT, Cyber, AI, AI &amp; DS, Data Science), Electronics &amp; Communication Engineering, Electrical Engineering and Physics, Chemistry and Mathematics for Mechanical Engineering and Civil Engineering.</p> <p>Obtained at least 45% marks (40% marks in case of candidates belonging to reserved category) in the above subjects taken together.</p> <p>OR</p> <p>Passed Diploma (in Engineering and Technology) examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) subject to vacancies in the First Year, in case the vacancies at lateral entry are exhausted</p>
3	Medical Fitness	Candidates must meet the standards for the medical fitness such as height, weight, and hearing & produce a Medical Fitness Certificate.





# Life at Poornima





# Life at Poornima







समाचार जगल म्युज

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विषय के पक्ष में कहा कि हमारे देश का मूल नाम भारत है यही हमारा पहचान है। इंडिया नाम अंग्रेजों का दिया है, इसलिए देश को भारत नाम से जानना चाहिए। विषय में कहा गया कि आल के इस वार्षिक दौर में देश के नाम पर बहस किए जाने का कोई औचित्य नहीं है। जरूरत है तो इस बात की कि समय और दुनिया के साथ चलकर विकास पर पर आगे बढ़ा जाए। भारती प्रभाव तो हमारी शिक्षा पद्धति, जीवन शैली, खानपान सहित जीवन के सभी क्षेत्रों पर है।

विभिन्न भाषाओं के आधार पर जूरी मेंबरों द्वारा अंतर्राष्ट्रीय युनिवर्सिटी टीमा को डिस्टे के विजेता के तौर पर 7100 रुपये और लवली प्रोफेशनल युनिवर्सिटी को रत्नराज के तौर पर 5100 रुपये का पुरस्कार दिया गया। लवली के प्रणय अग्रिवा व आंआईएस के सुनीली शिखर नेबे डिस्टेयर ने

[illegible]

**नैक से (A+) ग्रेड मिलने की खुशी को किया सेलिब्रेट**  
जयपुर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग को नेशनल असेसमेंट एंड एकेडिटेशन काउंसिल (नैक) की ओर से ए प्लस (A+) ग्रेड प्रदान की गई है। विभिन्न मापदंडों के गहन परीक्षण के आधार पर पांच वर्ष के लिए दी गई यह मान्यता कॉलेज व स्टूडेंट्स के लिए लाभप्रद साबित होगी। इस उपलब्धि को शुक्रवार को कैम्पस में सेलिब्रेट किया गया। पूर्णिमा ग्रुप के डायरेक्टर राहुल प्रिथी ने बताया कि नैक की A+ मान्यता से कॉलेज की वैश्विक प्रतिष्ठा बढ़ेगी और कई माध्यमों से कॉलेज की शैक्षणिक गुणवत्ता अधिक बेहतर होगी। इससे डिग्री को दुनियाभर के संस्थानों व नियोक्ताओं की व्यापक मान्यता मिलेगी और कई प्रमुख कंपनियां प्लेसमेंट में यहां के स्टूडेंट्स को प्राथमिकता देगी। ग्रेड से फंडिंग व ग्रांट के अवसर भी बढ़ेंगे, जो इंफ्रास्ट्रक्चर डेवलपमेंट, रिसर्च प्रोजेक्ट्स व स्टूडेंट्स के लिए नई पहलों में सहायक साबित होंगे।

## टेक फेस्ट में जिरकॉन क्लब ने जीते टॉप थ्री प्राइज

**समाचार जगत न्यूज**

जयपुर. पूर्णिमा कोलेज ऑफ इंजीनियरिंग (नैक ए प्लस) के स्टूडेंट्स के रोबोटिक क्लब 'जिरकॉन' ने गत दिनों आयोजित टेक फेस्ट अंतरराज्य में वैद्वतरीन प्रदर्शन कर टॉप थ्री पुरस्कार अर्जन नामे कए। बिद्वस, मेरसा में आयोजित इस फेस्ट के रोबो सॉकर कॉम्पिटिशन में देशभर के कॉलेजो व यूनिवर्सिटीज की टीमों को पछड़इकर जिरकॉन क्लब मेवर्स प्रथम, द्वितीय व तृतीय पुरस्कार जीतने में कामयाब हुए। क्लब के कैप्टन अनुराग सिंह रावठीय ने बताया कि रोबो सॉकर में प्रतिभागियों को अपने बनाए रोबोट्स को फील्डबॉल से गोल कवचना

थे। इसमें जिरकॉन क्लब के स्टूडेंट्स ने डकुप्ट प्रदर्शन के दम पर जजेज को काफी प्रभावित किया। जजेज द्वारा खनिष्ठ अवधारण व सुनामी अमराल की टीम को प्रथम विजेता घोषित किया गया, जबकि अशिका जैन व मितांशु कुमार मेहता की टीम द्वितीय स्थान पर और मोहित रेवार व विकास गुजर की टीम तृतीय स्थान पर रही। खास बात यह है कि ये सभी स्टूडेंट्स बीटेक फर्स्ट ईयर के हैं। राठौड़ ने बताया कि जिरकॉन क्लब पूर्णिमा कोलेज ऑफ इंजीनियरिंग के प्रथम वर्ष के स्टूडेंट्स का रोबोटिक क्लब है, जिसके द्वारा स्टूडेंट्स के लिए रोबोट्स को जुड़ी कई गतिविधियां आयोजित की जाती हैं।

PIIT में शुरू हुआ 'स्मार्ट इंडिया हैकथॉन' ग्रैंड फिनाले  
सॉफ्टवेयर सॉल्यूशंस  
तलाशने जूटा यंग टैलेंट

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**विकसित भारत@2047** अमृत काल विमर्श के तहत साइंस व टेक्नोलॉजी पर हुई चर्चा

## स्टूडेंट इनोवेशन से सुलझाएं समाज की समस्याएं

**अनुक्रम** | **विषय**

भारत काल विमरस के  
‘विक्सिम भारत 2047’ के  
अंतर्गत ‘साईंस टेक्नोलॉजी एंड  
इन्वेंटशन इन द न्यू मिलीनियम’  
थेम्स यू. मिलीनियम विषय पर  
उपलब्ध सेवान अवार्डित  
किया गया।

भारत सरकार के शिक्षा  
मंत्रालय और अंतर्राष्ट्रीय  
कार्यालय पर एक टैक्निकल  
एक्जाम (एग्जामिनेशन) द्वारा  
प्रदर्शन में अवार्डित की जा रही  
सिमेंटगो की श्रृंखला के तहत  
पुस्तिका कलेक्शन और इलेक्ट्रॉनिक्स  
में सह सेवान के द्वारा।

सेवान के द्वारा इंडियन  
नेशनल हाइड्रोजन एकेडमी, दिल्ली  
के प्रेसिडेंट प्रो. आर्याभट्टा

स्टूडेंट्स से  
संस्थानों पर  
प्रभाव, कंश  
हूए केतार  
बनाया और  
व्यापक बना  
करावें के  
के जर्नाल



क़रबक हूरा। उन्होंने डिफेंडलाइज़ेशन के लिए विकास, पैरों रखते हैं। अतः वनने के बारे में अग्रणी जाकाको की सेनेतु अग्रणी शिक्षा समथ-न्याय नोरेनशन के बारे में समर्थताओं के

समभाषन करने पर जोर दिया।

इस दौरान प्र. शाना व स्टूडेंट्स के बीच एक्टिविटी एसमोजेन और क्वेश्चन-आंसर राउंड भी हूरा। मुख्य वक्ता ने एअर में वात करते हुए सन्मीक में तेजी से आगे बढ़वाणी के बीच विचारों से जगती उच्छ्वासिताओं के बारे में



**गंगाने जा रहा है लंबी छलांग**

संस्थान में विकसित भाग्य (2047) के रहत 'गौरी' का आयोजन किया गया। प्रमुख अतिथि प्र. सोमदेव, अमराणा शर्मा व संस्थान की निदेशिका डा. शिखा खलन वर कार्यक्रम की अध्यक्षता की। निदेशिका डॉ. योशना का लक्ष्य देश की कुआवती की 100 लाख पूरे गतिशत राह बनाया है। यह भारत का यह देश है जब देश जा रहा है केन्द्र प्रत्येकत का निर्णय निर्णायक प्र. एके गंगाने में विकसित।

**पीएम मोदी के जरिए विद्यार्थियों से**  
**खुरो/खज्वाति, जयपुर।** पुर्णिमा इंस्टीट्यूट  
 ऑफ टेक्नोलॉजी में आयोजित दो दिवसीय एस आर  
 एम कार्यक्रम समापन हुआ। इसमें देश  
 के प्रसिद्ध संस्थानों के 180 से अधिक  
 स्टूडेंट्स को 30  
 टीमां में प्रारंभिक  
 साकार के लिए  
 कुछ रोल टाउप  
 प्रिंटिंग में  
 साहित्य से धार  
 आयोजित समापन किया। इस मौके पर प्र.  
 पुर्णिमा इंस्टीट्यूट साइबर से के 48 नोडल  
 इंटरनेट से वीडियो कॉन्फ्रेंसिंग के जरिए हब्स  
 सामग्री को समापन करने के लिए कुछ टीमां  
 जहाज को। इस मौके पर मोदीयुं ईक के संस्थापक  
 पुर्णिमा इंस्टीट्यूट के हाइपोर ईक, दिनेश गोपाल  
 ने विचार व्यक्त किए।

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**सनम प्री बैंड ने गाया - ये रातें ये मौसम..., हुए डांस और स्टेज प्ले**

सिटी रिपोर्टर, जयपुर  
पुनःअल टैक्सकल, अलवरल और  
सहस्र पेट्रोल पेट्रोल-2024 के  
लेहत प्रकृशक को समथ बैड ने पुराने  
गाने को नए अंदाज में स्टूडेंट्स के  
समथ गयल। बैड ने तेरी दीवानी.... ये  
रात ये मीसम.... आपकी नज़ों ने समथ  
आ के कलिल हयें.... लग जल गले....  
लिखे जो खत हयें.... एक लड़की को  
देखा ले ऐसा लगल। बैडने हयने गयल। इस  
4 विसयी सेंट्रल फिशियल सेंकुरा:  
द वलेंट ऑफ एमिग्रेडेंट केकरेयें थोप पर  
नो हय। बैडने। गानेयन। आपक सल्लेनने

अल फेस्ट की टेक्निकल टीम ने स्टूडेंट्स तकनीकी दखताते नजर आए। वहीं स्पेसियस सिम में टीम सिंगर और जीत दे देखने को मिला। दिनभर की कंफ के बाद शाम को म्यूजिकल सम सम बैठ और टीन जेनर में बढ़कर एक प्रस्तुती दी। डीजे कई गाँवों की अपनी छात्रा भूषी भिमस किया, जिन्हें स्टूडेंट्स ने जीवंत किया। फेस्ट में शनिवार बुद सिंगर अखिल स्पेन्वेला की प्रशंसा अक्सरमाये होगी।



ब्लाइंड  
म्योडस  
केरम,  
लेग रेस  
मकानव  
रॉबो सॉ  
आर को  
कलचर  
डॉस, र  
माईड  
फिल्टर  
से रंग

में बॉलिबॉल, बैडमिंटन, चेस, लॉन्ग जंप, शॉट पुट, 100 म 200 मीटर रस, टाय ऑफ वॉर, क्रिकेट, कबड्डी, ब्रेड लिफ्टिंग और टैक्स टेनिस के गुरुआ हैं। टेनिसक ब्रूटस में बीजीएमएई, मेन-पुल, ब्रूटस, रेनो वॉर, ब्लॉडिंग गैर, गो कर्टिंग, फ्री फ्रान्क, क्लब कूपन जैसी प्रतियोगिताएं आयोजित होती हैं। ब्रूटसों में सोले-डुओ डंस, सिगिंग, क्लॉसिक डेन्स प्ले, बैड वेयर प्रदर्शन, रस रमेजिंग, नुकुड डेन्स, फ्लो, मोलंगल, फेस पेंटिंग, ट्रेजर टैट और फिनिशिंग आर्कानि क्लिप ग्रा. फैशन शो में स्टूडेंट्स ने एडवेंचर प्रिजेंट के आउटफिट्स परफॉर्म किया।



# Hear Them Speak



I was pleasantly surprised by the development and progress on campus since I graduated. The new facilities and infrastructure enhancements reflect a commitment to excellence. It's inspiring to see the dedication to providing students with top-notch resources and opportunities for growth.

**Chandan Agarwal**  
Alumni, Batch 2016-20  
(Microsoft)



Sincerest of Thank You to each & every person who has helped, supported & guided me through-out my tenure. They challenged and pushed me to be better and creative in my startup IGET Tinker Labs. College arranged many Startup workshops and seminars which helped me prepare for my entrepreneurship journey.

**Himanshu Rajput**  
Alumni, Batch 2018-22  
(Entrepreneur, IGET Tinker Labs)



Recalling my college journey, I'm reminded of the intellectual challenges that honed my critical thinking and problem-solving skills. From dissecting complex theories to tackling real-world issues through research projects, every academic endeavor pushed me to think analytically and creatively. These experiences equipped me with the resilience and

adaptability needed to navigate the complexities of today's rapidly changing world

**Shalini Singh**  
Alumni, Batch 2011-15  
(Associate Director, TIE)



Rishank has been there for over 4 years and I would like to thank the faculty members for taking good care of her. Special thanks to PIET for keeping me updated about his progress. Beside studies, co-curricular activities are also given equal importance. We agree with the fact that it provides a very safe & healthy atmosphere to live and study in.

**Meenu Jain & Pawan Chand Jain**  
Parents of Rishank Jain,  
(Batch 2022-26)



Reliving the four years I spent here, each visit brings back wonderful memories. Thinking about my college days makes me curious and committed to learning throughout my life, which helps me grow personally and professionally. College taught me to ask questions, look at things from different angles, and always try to improve. The curiosity I developed in college still drives me to do my best.

**Akshit Saxena**  
Alumni, Batch 2012-16  
(SAP at HCLTech.)



My journey at Poornima have been incredible and memory to cherish for a lifetime. Being a part of Hostel fest & organizing Events & Festival with the team something which I can never forget. I am thankful to my department for providing a platform to enhance my skills and ample opportunities to showcase them.

**Tripti Agrawal**  
Batch 2020-24  
(Hosteller)



Returning to my alma mater filled me with nostalgia. The familiar sights and sounds brought back fond memories of my time here. It was heartwarming to see how the campus has evolved while still retaining its essence. Reconnecting with old friends and professors made me realize the lasting impact this institution has had on my life.

**Anushree Jain**  
Alumni, Batch 2014-18  
(A Class Marble Pvt. Ltd.)



As I reflect upon my college days in PIET, memories come flooding back—those formative years that shaped me into the person I am today. It is with great pleasure that I write this message to share my experiences, express my gratitude, and offer a glimpse into the transformative journey that awaits each and every one of you.

**Amit Choudhary**  
Alumni, Batch 2018-22  
(Income Tax Inspector)

## Notes

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## Notes

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को अपने पहले प्रयास में ही **CGPA 3.3/4** के साथ

**National Assessment and Accreditation Council (NAAC)**

द्वारा **A+ Grade** से सम्मानित किया गया है

(वैद्यता: Jan. 4, 2024 to Jan. 3, 2029)

**आभार**

सभी अध्यापकों, कर्मचारियों, छात्रों, पूर्व छात्रों एवं अभिभावकों का  
जिनके कारण संस्थान इस उपलब्धि को प्राप्त करने में सक्षम हो सका।







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