THE PIET OFFERS B. TECH. IN FOLLOWING BRANCHES:

- COMPUTER SCIENCE & ENGINEERING
- INFORMATION TECHNOLOGY
- ELECTRONICS & COMMUNICATION ENGINEERING
- MECHANICAL ENGINEERING
- ELECTRICAL & ELECTRONICS ENGINEERING
- CIVIL ENGINEERING

PANCHWATI INSTITUTE OF ENGINEERING & TECHNOLOGY
MEERUT (U.P.)
An ISO 9001: 2008 Certified Institute
Vision

To produce skilled manpower of the highest quality to meet complex technological needs for economic development of the country.

Mission

To transform the institute into one of the leading technical institutions of the country with the aim of producing engineers of high calibre having technical competence of internationally accepted levels.

Chairman's Message

A prerequisite of leadership is to look beyond the present. Foresighted vision, sense of mission & passion are required to achieve the noble objectives. Our objectives are to develop competent human resource in the field of Engineering & Technology Education and make them innovative to meet the challenges faced with global competitiveness resulting in strong, economic & social condition of the country.

The Institute offers Technical programmes of the highest academic standards. Our programmes are designed to provide education to students who come from various places & from a wide range of educational backgrounds.

Panchwati welcomes students for professional studies and exciting careers in Engineering & Technology.

Pankaj Goel
Chaiman

Vice Chairman's Message

भारत एक कृषि प्रगति देश है एवं असीम प्रतिविदा अनुभव की नीति में निवास करती है। वाणिज्य श्रेणी में रहने वाली जनता मुख्य-सृजन करने के लिए सर्वश्रेष्ठ है, इसी कारण यह अपने बन्धुओं की शिक्षा पर कम ध्यान दे पाती है। जिसके बजाय वाणिज्य क्षेत्र के विद्यार्थी उन्मुक्त एवं तकनीकी शिक्षा है जो रहते हैं। तल्स्वर में वाणिज्य शिक्षाएँ शारीरिक शिक्षा की लद्दाह में अपने की उम्र आने हैं। राजमी प्रदाता का उल्लेख है कि वाणिज्य शिक्षाओं की ऐसी तकनीकी शिक्षा प्रदाता का इमर्जन ने रहने एवं उच्च तकनीकी वो शक्ति रखने, परिवार एवं शेयर की इनामयां को पूरा करने के चौहर के स्तर पर वह एक बड़ा मूल्यवान विद्यार्थी है।

मैं नहीं प्रेरित विद्यार्थी के पथवी विराज में स्वतः करता हूँ।

कृपया गौणलंक ग्रहण करें

Vice Chairman

Treasurer's Message

आदर्श प्रेरण्य संपर्क एवं दिशा नियामन,
अपने विद्यार्थी आकांक्षा के अनुसार साहय तथा जस्ता संघन उद्धव प्रेम के नव-निर्मित संचारी की श्रेणी में अधिकतम विद्यार्थी का प्रशासन तथा स्वास्थ्य प्रदान करने में सक्षम रहता है। अतः, पंचवती ऐंकुशक में सर्वश्रेष्ठ विद्याभूमि तथा के सर्वस्तर में से में बनाए रखकर रखता हूँ। विद्यालय की प्रतिष्ठा में यह वर्ष की आपकी सहायता की अवधारणा करता हूँ।

हर दीवाली का प्रमुख उद्देश्य बिन्दुएं एवं विद्वान के विद्यार्थी को उच्छ प्रदान करना एवं उनके समाज के विश्वसनीय कर्म को मिलाता है। स्कूल के आमतौर पर टैक्सी और में इसमें से विद्यार्थी को अपनी प्रतिक्षा की विवादन का अवसर देना है। इस प्रात: हर बार इस खनिज का प्रशिक्षण तथा इसी प्रकार अवसर प्राप्त कर रहा है। इस के बीच छात्रों के समय को ध्यान में रखकर हृदय उनके दर्शन सार्वजनिक विषय में गौरव करता हूँ।

इस वर्ष इमर्जेंस संपर्क एवं एक समाज है कि पंचवती संघन में शर्म से फिन्चलिंग एवं जीवन में परिवार यह आपस में अपना दायित्व प्रदान करते में सक्षम रहे।

मुझे आवश्यक है कि नैतिक धृतियों एवं आशीर्वाद संग्रह को सादृश्य निर्माण रखें।

जगदीश कुमार
विद्यालय
Secretary's Message

Joint Secretary's Message

Director’s Message

In the present era of globalization, the technical education system is facing many challenges. Manufacturing firms and service organizations are being set-up with the state of the art of latest technologies and management practices. These new brands of industries and service sectors need altogether a group of highly motivated and meticulously trained skilled persons. Therefore, the concept of technical education now has been converted into world class standard to cope up with the latest development taking place. These days, in addition to good technical knowledge, prominent hard and soft skills, like professional communication, creative thinking, project management, decision-making skill, team work attitude, leadership qualities and deep sense of quality consciousness have become most essential. The overall personality development of a person has become the main theme of the technical education system.

Keeping these facts in mind, the management of PIET made a vision to become global competitor in world class technical education and is continuously striving to achieve its goals. The institute has excellent infrastructural facilities, well developed laboratories, digital library, dedicated and competent faculty and technical staff. The regular institute industry interaction, industrial visit & active participation in-house seminars are the tools which will be used for value addition of students. The objectives are set to meet the mission of producing world class technocrats, future managers and researchers, who can transform India. The PIET is an excellent institute where students can convert their dreams into reality.

I, wholeheartedly, welcome all the aspiring and brilliant young students to join this institute to excel in their chosen fields in future.
About PIET

As per the Vision & Mission of the Trust, Panchwati Institute of Engineering & Technology (PIET) has been conceptualized and established with an objective to work out and develop a dependable model for growth, consistency and significant breakthrough in cutting edge technology and innovation of national and international standards. The fast diffusion of core engineering fields like Computer Science & Engineering, Electronics & Communication Engineering, Mechanical Engineering, Information Technology and Electrical & Electronics Engineering, has the potential of bringing improvement in productivity and efficiency in every aspects of life and consequently turning out to be a key factor of economic growth.

Panchwati is committed to prepare future technocrats with innovative curriculum and meticulous pedagogy for training. The programmes offered are unique and fall in line of national and international standards. We encourage students to opt for science based/ open elective subjects from different streams which shall not restrict them to one area but open new avenues in their field of interest. Teachers are encouraged to use innovative tools in their teaching. We ensure that our students will possess the necessary skills like innovation, creativity, critical thinking, collaboration with industries etc.

The Institute offers innovative programmes complemented by experimental learning in real world situation that allow the students to combine classroom learning and their exposure to the industry to understand current trends in their field of interest.

Introduction

The Institute provides an invigorating and competitive atmosphere, created by excellent facilities and guidance provided by a highly qualified and dedicated faculty.

Academic Complex

The academic-block is aesthetically designed and tastefully constructed.

The academic complex has ample number of Lecture-halls with comfortable furniture for students and computer oriented instructional facility for the teaching staff. Besides Lecture-Halls there are separate halls for tutorials and specially designed rooms for seminars and conferences; a must requirement for generating free flow of new ideas.

Quality Policy

ISO 9001:2008 CERTIFICATION

In pursuit of excellence in engineering education, PIET has been awarded ISO 9001:2008 Certification by OSS Certification Services Pvt. Ltd., New Delhi (Accreditation by the Joint Accreditation System of Australia and New Zealand).

Quality Policy

"We shall develop PIET into a Centre of Excellence for technical education and other emerging related areas so as to enable students to realise their full potential and contribute to the development of the society. This shall be done through adherence to ISO 9001:2008 and continual improvement through achieving objectives and review."
**Department of Physics**

Department of Physics is a pioneer department among UPTU Colleges in terms of academic qualifications and achievements of faculty. The subject provides students with fundamental knowledge of physics, together with problem-solving skills, and an understanding of engineering. It is designed to address the need of students seeking innovative careers in today's technological age.

**Laboratory:** Department has well-equipped laboratory to impart practical training to all its students. It is equipped with the latest scientific instruments which undergraduate students require. The laboratory is partitioned into two spacious rooms. One of them is meant for experiments based on general physics while the other is a dark room meant for specialized experiments. Erudite faculty and lab assistants are always there to assist them and encourage them for perseverance.

---

**Department of Chemistry**

While Chemistry is a science in its own right, it also supports and interacts with other scientific disciplines. Its concern with biology, physics, medicine, material science and other core disciplines, it makes effective contributions to find solutions of problems facing the world today and to the improvement of the condition of mankind tomorrow.

**Laboratory:** The department laboratory has all necessary facilities for Applied Chemistry. It is equipped with quality instruments like Calorimeter, pH-meter, Oven, Electronic balance and necessary glass wares and Lab reagents etc.

---

**INFRASTRUCTURE**

---

**Department of Mathematics**

Mathematics is indispensable for the engineering community. The objective of teaching mathematics is to find the right balance between practical applications of mathematical equations and in-depth understanding. The students are explained why knowledge of mathematics is essential for their future engineering work. The able teachers teach them that mathematics is a language for expressing physical, chemical and engineering laws. The general equations are illustrated by practical numerical examples in order to impart the surfacinatomistic approach as well as the deep learning approach.

---

**Department of English**

The Department of English realizes that besides being a global language, English has evolved as the language of science, trade and business. Therefore, it attempts to address all aspects of diverse field of professional and technical communication in English. It is commendable in arming the students' communicative skills par excellence, to meet the needs of today and corporate challenges of tomorrow.

**Laboratory:** The department has a well-furnished, fully air-conditioned Professional Communication Lab with remarkable ambience for learning. The lab teaching familiarizes students with different rhetorical functions of scientific English. The student-teacher interaction in Lab is thirty to one. The students get regular practice sessions of presentation techniques, group discussion, mock interviews, kinesics, phonetic exercises, etc. to inculcate flawless conversational and professional skills. They also learn to write letters and prepare reports and resumes effectively in formal and business situations.

---

**Course Offered**

**B.Tech.**

(4 Years) Programme

<table>
<thead>
<tr>
<th>Branches</th>
<th>Total Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science Engineering</td>
<td>120</td>
</tr>
<tr>
<td>Information Technology</td>
<td>60</td>
</tr>
<tr>
<td>Electronics &amp; Comm. Engineering</td>
<td>60</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>60</td>
</tr>
<tr>
<td>Electrical &amp; Electronics Engineering</td>
<td>60</td>
</tr>
</tbody>
</table>

---

[Image]
Department of Computer Science and Engineering

The department of Computer Science & Engineering is a self-driven proactive nerve center, which caters to the need of ever-growing technological sphere of academic, research & training in computing concepts, tools and techniques in the profession of computer science and information technology. The department can boast of sufficiently large IT infrastructure with many more ambitious projects in the pipeline in the years to come.

Laboratories: Centrally the Department is responsible for smooth operation & maintenance of complete IT infrastructure of the institute. Over 200 state of the art branded P- IV personnel computers & thin client equipped with the standard application software platforms. The department is equipped with following labs:

- Computer Programming Lab (C, C++, Java)
- Computer Organization Lab
- Computer Architecture Lab
- DBMS Lab / Project Lab
- Software Engineering Lab
- Computer Networking Lab
- 2 MBPS broadband link for 24 x 7 internet connectivity
- Language Lab
- Internet Lab
- A set of high-end dedicated servers are deployed in a fully networked configuration based on the latest concept of server computing.

Department of Information Technology

Information technology has ballooned to encompass many aspects of computing and technology and the term is more recognizable than ever before. IT professionals perform a variety of duties that range from installing applications to designing complex computer networks and information databases. The department seeks to combine excellence in IT education and research with service to the industry. Our vision is to be recognized as an innovative and leading Information Technology Department in the State and beyond. We offer IT courses to the students by maintaining equilibrium between software and hardware subjects. The software subject propels on Internet and Web based technologies while hardware course mainly focuses on network & communication technology.

Laboratories: The department is equipped with the following labs:

- Data Structure Lab
- Computer Organization Lab
- Web Technology Lab
- Software Engineering Lab
- DBMS Lab
- Object Oriented Programming Language Lab

Department of Electronics & Communication Engineering

Electronics & Communication Engineering, also referred to as Electronics & Telecommunication Engineering is an engineering discipline which uses the scientific knowledge of the behavior and effects of electrons to develop components, devices, systems, or equipment (as in electron tubes, transistors, integrated circuits, and printed circuit boards) that uses electricity as part of its driving force. Both the terms denote a broad engineering field that encompasses many subfields including those that deal with power, instrumentation engineering, telecommunications, semiconductor circuit design, and many others.

Laboratories: To cater the practical needs of students the department is equipped with the following labs with state of the art infrastructure:

- Electronics Engineering Lab - I & II
- PCB & Electronics Workshop
- Digital Electronics Lab - I & II
- Instrumentation & Measurement Lab
- Electrical Engg. Lab
- Micro Processor Lab
- Automatic Control & Machine Lab