



**PANIPAT INSTITUTE OF
ENGINEERING & TECHNOLOGY**

(Approved by AICTE, New Delhi & Affiliated to Kurukshetra University, Kurukshetra)



Only **NBA** accredited
department in Haryana

BE A NEXT-GEN INNOVATOR

MATCHING SEQUENCE

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COMPUTER SCIENCE & ENGINEERING 4-YEAR PROGRAMME



PIET is awarded with
5-Star rating by
MHRD Innovation cell
and AICTE.
(October' 2020)



Awarded with Best Institute for
Innovation and Start-up
Entrepreneurship by Asia Today
(April' 2021)



PIET is the only Institute
in Haryana to establish
AICTE IDEA LAB

Future-ready Curriculum Programme Overview

Ever since its inception, the Computer Science & Engineering Programme aims to foster technical and analytical skill-sets. Students learn to develop innovative solutions for complex real life problems using existing and novel technologies. Seminars, corporate trainings and workshops by experts are conducted as part of the programme to prepare students as future software professionals. Some of its key features are:

01

Member of IEEE Student branch and CSI to support project and research based learning.

02

Labs on current trends like Robotics and Data Science are also established.

03

Latest technology like Impartus and Plicker is used to improve teaching learning process.

IEEE Student Branch

The IEEE Student Branch of PIET was formed on 18th July, 2019. This on-campus Student Branch intends to provide opportunities for students to connect with peers and academicians from other institutes, along with professionals, engineers, and scientists with the support of the local IEEE Section, Thus encouraging students to be a part of the global IEEE community. Developed at IIT Bombay, Spoken Tutorial is an initiative of MHRD, Government of India, and a part of National Mission on Education through Information and Communication Technology (NMEICT). Benefiting from Spoken Tutorial, PIET partnered with IIT Bombay so that students can learn additional skill-sets, pursue certificate courses in Software and enhance their future prospects. This training focuses on providing Computer and Software training to the students associated with the university. Training sessions are conducted in the computer lab through distance learning mode.

PIET has successfully implemented Blended Learning via Spoken Tutorials by IIT BOMBAY for all engineering disciplines (C/C++, SCILAB, LINUX, C AND CPP, JAVA, QGIS, QCAD, OPEN FOAM, C, CPP and ADVANCE CPP).



Bringing global best knowledge Centre of Excellence

DELL EMC has established a Centre of Excellence at the institute, where a variety of courses are designed and delivered considering the trends in the industry. These courses provide the employability skills and knowledge to expand job opportunities in the future. Through the Centre of Excellence, initiative are undertaken that help students build a solid foundation on big data. It also enables students to design and build big data analytic solutions to solve business problems and improve decision making. Through these programmes, learners begin to understand prevalent issues, challenges and best practices in implementing big data analytic solutions across organisations.

On 4th January, 2020 "**Greenomatics**" Team of CSE Department has emerged as winners Title in "**Young IT Professional Award**" organised by Computer Society of India. Students of CSE 3rd Year developed an **AI Based Project to improve Crop Yield of Indian Farming**.



Smart India Hackathon: Team participated in SIH-2019
Team Name: SHINKANSEN (6 students)

Academic Framework

Curriculum covers following domains:

COMPUTER PROGRAMMING

COMPUTER ORGANISATION

MICROPROCESSOR

MULTIMEDIA TOOLS

SOFTWARE ENGINEERING

COMPUTER GRAPHICS

MOBILE COMPUTING

INFORMATION SECURITY

OPERATING SYSTEMS

CLOUD COMPUTING

NETWORKING

DATA WAREHOUSING
& DATA MINING

ALGORITHM DESIGN
& ANALYSIS

INTERNET &
WEB PROGRAMMING

Leadership focused learning outcomes

On completion of the programme, Students will be able to:

Comprehend, understand and analyse Computer Engineering and Information Technology problems and relate them with real life.

Impart exhaustive knowledge of Computer Science & Engineering to cater the industrial needs, undertake and excel in higher studies and innovation in related engineering and management fields.

Promote collaborative learning and spirit of team work through multidisciplinary projects and diverse professional ethics.

Inculcate a conviction to believe in self, impart professional & ethical attitude; become an effective team member, infuse leadership qualities and build proficiency in soft skills; gain the ability to relate engineering with the social, political and technical issues.

Prepares you for jobs of the future

- Application Analyst
- Data Architect
- Graphic Designer
- Programmer Analyst
- Data Scientist
- Business Intelligence Analyst
- Database Manager
- Information Security Analyst
- Software Developer
- Data Engineer
- Computer Programmer
- Data Warehouse Developer
- Network System Engineer
- Web Developer
- Computer Network Architect

Securing ambitions Placement Partners



Panipat Institute of Engineering & Technology

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