

DEPARTMENT OF INFORMATION TECHNOLOGY

# INFOBUZZ



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**PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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

# IT DEPARTMENT

## VISION

To create globally competent professionals by imparting quality technical education, research aptitude and analytical skills to meet challenges in IT industry, thus contribute to the welfare of society.

## MISSION

M1: To nurture students with knowledge and programming skills of different IT domains necessary for development and testing of quality software solutions.

M2: To provide an integrated, responsive and comprehensive academic ecosystem with enhanced teaching and learning to promote intellect and excellence in research.

M3: To mentor students with applied problem solving and critical thinking leading to innovative and sustainable solutions to societal problems.

M4: To collaborate and exchange expertise with industry, research organizations and academic institutions.

## PROGRAM EDUCATIONAL OBJECTIVES

- The graduates will have core competencies in IT fundamentals necessary to solve hardware, software and integrated engineering problems relevant to IT industries.
- The graduates will be proficiently engaged in development of IT products and services to cater to the industry needs or perform as innovators or entrepreneurs.

- The graduates will successfully pursue higher education or career paths in research.
- The graduates will professionally function with social awareness, responsibility and ethical norms.

## **PROGRAM SPECIFIC OBJECTIVES**

PSO1

Design, develop and test software applications and project management solutions of real world problems.

PSO2

Be competent in emerging areas of Information Technology

# EDITORIAL TEAM

## FACULTY EDITOR



MS. MITU SEHGAL

## STUDENT EDITORS



SHRIJAL



SURESH

# Best out of waste Competition

Techno GearHeads club of IT department has organized Best out of waste Competition on April 21, 2021. Best out of waste is a creative approach to waste management that encourages people to repurpose and up cycle waste materials that would otherwise be discarded. 50 students had participated in this activity. Out of which 2 students secured position. Neeraj Jha secured first position and Shiva secured second position. The event was organized by Ms. Rashmi Makkar .



# An expert talk on Microsoft Azure

An expert talk on the topic of Microsoft Azure was organized by the department of information technology organized on 19<sup>th</sup> April 2023. The aim of the talk was to spread awareness about the cloud computing particularly MS – Azure. Mr Sarthak Jain, Head of Community, ReSkill, Noida was resource person for the expert lecture. He discussed about the various Microsoft certification program that students can pursue. He told the importance of earning such certificates for their careers.

The event was organized by Dr. Neeraj Gupta.



# Workshop on Artificial Intelligence

The Department of Information Technology organized one day workshop on Artificial Intelligence on 5<sup>th</sup> April 2023. Mr Jitendra Kumar, Data Scientist at Appwars Technology Pvt. Ltd., Noida was resource person for the workshop. The main objective of the event was to make students aware about the various opportunities that lie with Artificial Intelligence and its allied branches viz Machine Learning and Data Science.

The event was organized by Ms. Rashmi Makkar.



# Alumni Talk on “Campus to Corporate”

The Department of Information Technology organized an Alumni Talk on the topic “Campus to Corporate”. The talk was delivered by Mr. Shubham Pandey currently working as system administrator. The objective of the event was to make students aware about how can to prepare themselves for the role in corporate. He told students to specialize in particular domain of computer science like UI/UX, Devops, Machine Learning and others.

The event was organized by Ms. Rashmi Makkar.





# An expert talk on Cyber Security

An expert talk on the topic of cyber security was organized by the department of information technology organized on 12<sup>th</sup> April 2023. The expert talk was with aim to spread awareness about the digital risks and cyber crimes. Mr Anshul Pandey, CEO, Euniac Ltd., Noida was resource person for the expert lecture. Mr. Pandey cited various incidents where companies data were locked and huge monetary loss were incurred by these companies.

The event was organized by Ms. Rashmi Makkar and Dr. Neeraj Gupta.



# **STUDENTS ACHIEVEMENTS**

- **Mayank participated in Rab Battle competition held at Maitreyi College, Delhi and secured First Position.**
- **Mayank participated in Rab Battle competition held at PGDAV college, Delhi and secured Second Position.**
- **Tiya participated in Declamation Competition at KIET, Ghaziabad, UP and secured First position.**
- **Tiya participated in Quiz Competition at Jagannath community college, Delhi and secured Second position.**
- **Rahul participated in Quiz Competition at Jagannath community college, Delhi and secured Second position.**
- **Kalpna participated in Poster making competition at K R Magalam University and secured Third position.**
- **Tiya participated in Declamation Competition at K R Magalam University and secured Second position.**

# STUDENTS ACHIEVEMENTS

- Chirag Garg participated in Coding event Competition at Geeta University, Panipat and secured Third position.
- Ruksana participated in Poster making Competition at IB College, Panipat and secured Second position.
- Kalpna participated in Shlok ucharan Competition at IB College, Panipat and secured Third position.

# Faculty achievements

- **Harminder Kaur published a patent on “A SMART IOT AND ML-BASED Equipment FOR EARLY LANDSLIDE PREDICTION” in January’2023.**
- **Sorabh Gupta and Harminder Kaur published a patent on “An AI, ML, and IoT-powered system for tracking, diagnosing, and halting the spread of Dengue fever” in January’2023.**
- **Mitu Sehgal published a patent on “System and Method for Routing Electric Vehicle from Current Postion to Destination using Artificial Intelligence” in March’2023.**
- **Nitisha Aggarwal,Mitu Sehgal, Ashima Arya published a paper “An Empirical Analysis of Cyber Crimes ,their prvention measures, and laws in India” in International Conference on Parallel, Distributed and Grid Computing (PDGC) in march’22.**
- **Ashima Arya,Mitu Sehgal,Neha Bhatia, Nitisha Aggarwal published a paper “An Approach to Criminal Suspect Prediction Software using Machine Learning Classifiers” in International Conference on Computing, Communication, and Intelligent Systems (ICCCIS) in march’22.**
- **Mr. Gagan Dua completed one week FDP on “Advanced Excel with Data Visualization” from 13-17 Feb,2023.**