DEPARTMENT OF INFORMATION TECHNOLOGY

INFOBUZZ

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P.I.E.T.

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 techical 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
M.TECH, B.TECH
(ASSISTANT PROFESSOR)

STUDENT EDITORS

SHREYA GUPTA

KANIKA NARANG

Farewell Party "HASTA LA VISTA- 2K22"

On 08.06.2022 the students of B.Tech (3rd Year) arranged a farewell party "HASTA LA VISTA- 2K22" for final year students. Following students stole the show with their eye catchy performances.Sunaina secured Ms. Farewell Award whereas Shubham Pandey was titled as Mr. Farewell; Harshita as Ms. Personality Award whereas Kashish was titled as Mr. Personality.Shreya was honored with Ms. Topper award and Utkarsh was honored with Mr. All-Rounder Award.
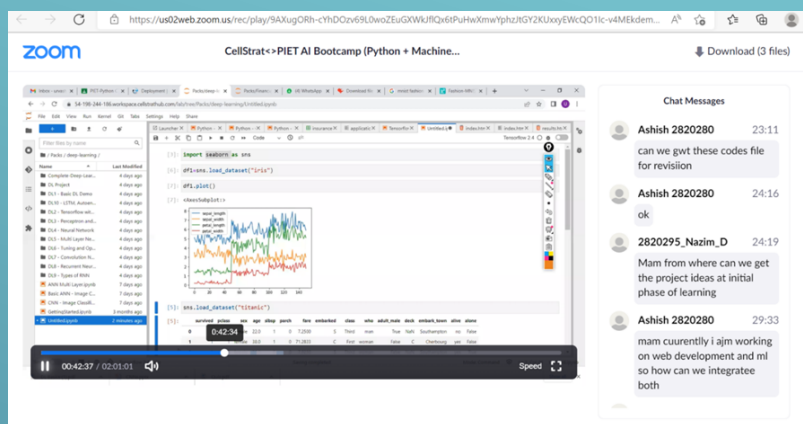
The Tips on Cracking GATE exam and Pursuing Higher Studies

On Friday, 25th March, 2022, Tarif Khan gave the tips on cracking GATE exam and pursuing higher studies. The students got to know about the scope of higher studies as well as about the strategy to qualify the national level engineering exams.Arun Khanchi talked about pursuing higher studies in abroad. Discussed about IELTS and other eligibility criteria for different countries.

The event was organized : Mr. Rattan Deep Aneja, AP, IT Deptt.

Workshops of AI Boot Camp

The 5 workshops of AI boot camp were continued afterwards and conducted positively from March 25, 2022 to March 29, 2022 for two hours being orated and carried on by respected Ms. Urvashi Bansal, Cellstrat team. The workshop was very well organized and students were provided with a Cellstrat AI platform where they can do there hands-on and access the course via Google Classroom with provided credentials. The cellstrat onboarding instructions, zoom joining link, Google classroom link were very well taken care by Cellstrat and Piet team.
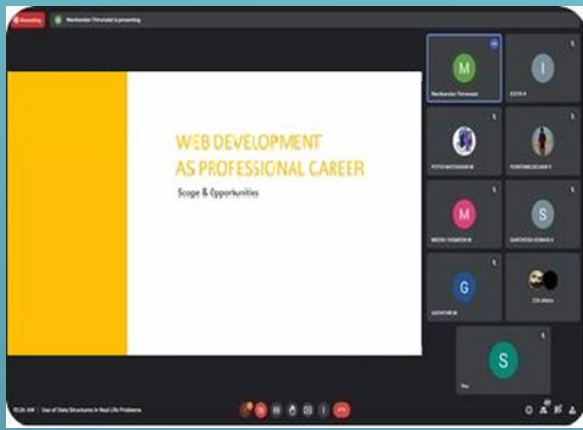
The event was organized by: Department of IT

Workshop on Microsoft Products

Mr. Kritish Gupta (Alumni, IT Department, PIET, 2014-2018 Batch) visited PIET on 2nd June 2022. He delivered a session on Microsoft products and briefed about the career opportunities in IT Industry. Students of IT Final year, Pre-final year and 2nd year got benefitted. Students were very curious to know more about the technology and asked many queries to the presenter. It was a wonderful and interactive session.

The event was organized by: Mr. Rattan Deep Aneja, AP, IT Deptt.
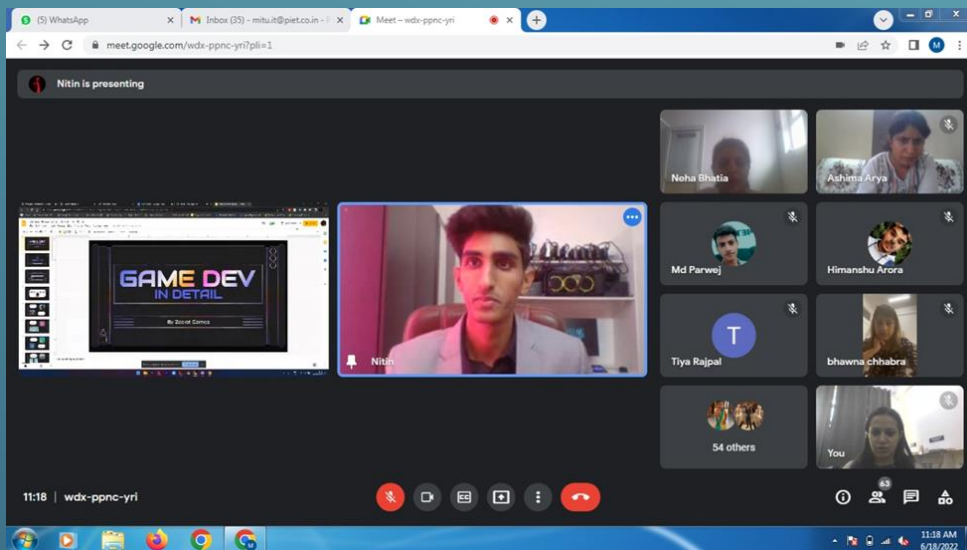
Alum Talk on Career Guidance Program

Abhishek, an Alumni of IT, PIET 2014-2018 Batch on 11 June 2022 conducted an online session for PIET students. He is Project Manager in Lyxel and flamigo, Gurugram. He has started with the topic 'Web Development as a Professional Career' - Scope and Opportunities. He also, briefed about the career options and demands in web development, digital marketing and upcoming need in the IT field, project and internship opportunities.

The event was organized by : Mr. Rattan Deep Aneja, AP, IT Deptt.

Game Development

Department of Information Technology has successfully organized a Webinar (Web-based Seminar) on Game Development for 2nd, 3rd and 4th year students on Saturday, June 18, 2022. The webinar was delivered by Mr. Nitin Kumar, Founder, Zeolat Games. Further, Mr. Nitin told about Unity 3D interface for games development, different job profile, global demand of game developer and how much a person can earn in this field.

The event was organized by : Ms. Neha Bhatia, AP, IT Deptt.

Ms. Ashima Arya, AP, IT Deptt.

Importance of Data Analytics in Industry

Department of Information technology organized an Expert Talk on importance of Data Analytics in industry on 25th June 2022. The expert talk was delivered by Ms. Sipika, Technical Trainer, Bebo Technology Services, Chandigarh. explained the Basic Building Blocks of Data Analytics and also addressed the challenges and demand of data scientists in IT industry and also stressed on deep understanding of mathematics for becoming data science expert. She acquainted us with the scope of Data Science and Data Analytics and encouraged us to choose the field as it holds much importance in the upcoming times.
The event was organized by : Dr. Vaishali Mehta, Professor, IT Deptt.
Ms. Harminder Kaur, AP, IT Deptt.

The Quality of Education

On Tuesday, 15th March, 2022, Mr. Rattan Deep Aneja spoke about the quality of education during the pandemic and how the pandemic affects the future of education. He addressed the issues arising due to the excessive use of electronics for online education, which in turn affects the mental health of the people, especially the students. He said that the quality of higher education is the prime focus of higher education and we cannot build a sustainable and prosperous nation without human resource development which mainly depends on the vitality of higher education and skill-based activities.
The event was organized: Mr. Rattan Deep Aneja, AP, IT Deptt.

International Conference on IOT- AI & ML

1st International Conference on IOT- AI & ML in Information Technology was organized by Department of Information Technology, Panipat Institute of Engineering and Technology, Samalkha collaborated with IFERP on 30 & 31, March, 2022. The main goal of this conference is to bring the new innovations in the field of Internet of things, Artificial intelligent and machine learning from our entire world. Total number of papers received is 145. Out of this 77 were accepted and 69 papers were registered

T-Shirt Painting Competition

On Wednesday, 16th March 2022, To celebrate the festival of Colors, Tehno Gearheads club under Department of Information Technology organised a T-shirt Painting Competiton named "Rang De" Co-ordinated by Faculty members Ms. Karuna(Assistant Professor,IT) and Ms. Ashima Arya(Assistant Professor, IT).
The event was organized by : Ms. Karuna, AP, IT Deptt.

C Programming Test

On 14 April, 2022 Techno Gearheads club under Department of Information Technolgy organized a C Progarmming Test in order to check coding skills of students and to enhance the thinking ability of students. The 55 students from Computer Science and Engineering, Information Technology and Department of computer application Programs have taken a keen interest in solving the problems and exhibited the programming skills acquired.

The event was organized by : Ms. Karuna, AP, IT Deptt.

Ms. Harminder Kaur, AP, IT Deptt.

Quiz Based on Data Structures in Online Mode

Deprtment of Information Technology conducted a Quiz based on Data Structures in online mode on January 28, 2022. The Quiz had 3 rounds and 132 students from distinguished departments (B.Tech-IT, CSE and DCA) participated in the Quiz Competition.

The competition started with a bang of 132 participants who underwent 1st Round of Quiz consisting of multiple choice Questions.

The event was organized by : Ms. Karuna, AP, IT Deptt.

Ms. Payal, AP, IT Deptt.

Research Paper writing and Presentation Competition

A Research Paper writing and Presentation Competition was organised by Department of Information Technology on May 18, 2022. Aim of this competition is to enhance the research and analytical skills of the students in their respective specialization. Around 40 students participated in the event and all performed to their best capability.

The event was organized by : Ms. Karuna, AP, IT Deptt.

Ms. Ashima, AP, IT Deptt.

Placement List

S. No.	Student Name	University Serial No.	Employer Name
1	Abhishek Rathi	2818362	ARNOWA
2	Akshay Kumar	2818413	NAGARRO
3	Anjali Kumari	2818257	WIPRO
4	Ansh	2818392	WIPRO
5	Bablu	2818359	WIPRO
6	Harshit	2818398	NAHAR
7	Harshita Arora	2818396	NAGARRO
8	Himanshu	2818360	CAPGEMINI
9	Jatin	2818411	BIGOH
10	KanikaNarang	2818401	HEXAWARE
11	Kashish	2818372	COFORGE
12	Mohit Sharma	2818422	CELEBAL
13	Naveen	2819931	ARNOWA
14	Neeraj Kumar	2818409	WIPRO
15	Nishant	2818368	NAGARRO
16	Nitesh Rana	2818358	FORCEBOLT
17	Niyati	2818373	INFOSYS
18	Pankaj	2818356	ATOS SYNTEL
19	Parkash	2818397	RTS
20	Prince Kumar	2818365	TCS
21	Prince Raj	2818385	WIPRO
22	Raushan Kumar	2818366	CAPGEMINI
23	Ritik	2818381	WIPRO
24	Sahil	2818412	CELEBAL
25	Sakshi	2818371	TCS
26	Sanket Munjal	2818354	TCS
27	Sanyam Arora	2818416	NAGARRO
28	Saurabh Kumar	2818393	WIPRO
29	Shivani	2818384	NAGARRO
30	Shreya Gupta	2818404	WIPRO
31	Shubham Pandey	2818367	TCS
32	Simran	2818378	CAPGEMINI
33	Sudarshan Shandilya	2818388	BENZEEN AUTO PARTS
34	Sunaina	2818355	WIPRO
35	Utkarsh Pandey	2818363	DWAO
36	Vaibhav	2818379	THINQLOUD
37	Umang	2818387	CLOUD ANALOGY
38	Anand Kumar	2818395	BENZEEN AUTO PARTS
39	Vishal	2818374	CELEBAL
40	Deepanshu Sharma	2818361	CLOUD ANALOGY
41	Faisal	2818389	CLOUD ANALOGY
42	Jagriti Kamra	2818352	CLOUD ANALOGY
43	Sakshi	2818408	CLOUD ANALOGY
44	Vikas Singh	2818382	CLOUD ANALOGY

Faculty Achievements
Publication by faculty

1. Vaishali Mehta paper "Multivariate economic analysis of the government policies and COVID-19 on financial sector" got published in International Jounal in January'2022

2. Mukesh Chawla paper "An Intelligent Framework for Alzheimer's disease Classification Using EfficientNet Transfer Learning Model" got publised in IEEE CONFERENCE 2022 International Conference on Emerging Smart Computing and Informatics in March'22

3. Ashima Arya, Neha Bhatia,Bhawna Kukreja,Payal Chhabra got paper entitled "A Novel Method for Securing Online Banking Transactions" publised in International Journal of Innovative in Research Technology in March'2022

4. Ashima Arya,Mitu Sehgal paper "An approach to Arificial intelligent system for Touism industry" got publised in First International Conference on IOT-AI & ML in Information Technology in March'2022

5. Sourabh Gupta,Vaishali Mehta,Harminder Kaur published a Patent "A method and system for safe and secure conveyance schemes in metropolises using blockchain and IOT" in April'2022

6. Vaishali Mehta, Harminder Kaur published a Patent "A System & Method For Smart Irrigation System Based On Iot & Ml" in April'2022

7. Rattan Deep Aneja published a paper "A Soft Computing Based Novel Hybrid Optimization Algorithm H3PGAB3C And Its Application To Routing In WMNS" in International Journal of Information Technology in June' 2022

8. Ashima Arya,Mitu Sehgal publish a paper "Impact of Big data analytics in E commerce in India" in International conference in June'22

9. Ashima Arya Kaur published a Patent "Sweat Sensor Based Wearable Intelligent Device to Detect Emotional States of a Patient using Deep Learning" in April'2022

10. Ashima Arya Kaur published a Patent "Sensor Based Intelligent Smart Watch for Early Prediction of Stroke in Paralyzed Patients" in April'2022