PANIPAT INSTITUTE OF ENGINEERING & TECHNOLOGY

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

MASTER OF COMPUTER APPLICATIONS

NEWSLETTER

January-June 2023

Master of Computer Applications

Vision of the Department

To be recognized as a centre of excellence for academic repute to create competent, ethical, and responsible Computer Applications professionals with the abilities to contribute globally to the industry, environment and the society at large.

Mission of the Department

M1: Equip students with knowledge and practical skills in computer applications in line with the needs of the industry.

M2: Foster research and innovation capabilities, imbibe ethics and values, and instill leadership in students to support sustainable development.

M3: To develop students with an analytical mindset and the competence to solve real-life problems.

M4: Facilitate linkages with industry and professional bodies, provide experiential learning opportunities, and develop responsible students with abilities to learn and work independently.

Master of Computer Applications

Program Educational Objectives (PEOs)

PEO1: Demonstrate analytical abilities, design skills, multidisciplinary competence, critical thinking, and the ability to foster innovations.

PEO2: Demonstrate leadership and supportive roles in the dynamic work environment with ethical behavior and responsibility in their professions.

PEO3: To excel in careers in the diverse domains of computer applications, higher education, and entrepreneurship.

PEO4: Adapt to evolving technologies with the ability to learn independently.

Salesforce Developer Certification

(31st January 2023 – 17th February 2023)

PARTICIPANTS : BCA/MCA, B.tech - CSE/IT

TOTAL STRENGTH: 55

EXTERNAL TRAINER : Mr. Vishal Singh

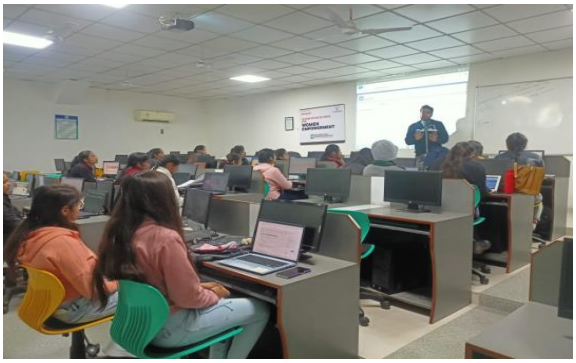
FACULTY COORDINATOR: Dr. Monika, Dr. Neha

The technologies of the fourth industrial revolution are being adopted by multiple public sector and private companies worldwide. Students, the future workforce, getting skilled in these technologies is a great challenge because of affordability, access, and availability of infrastructure in their region. To train the youth and women students on advanced technology skills and prepare them for the future of work, Honeywell has partnered with ICT Academy to establish the Center of Excellence for Women Empowerment in Panipat Institute of Engineering and Technology. It will provide the Salesforce Platform Developer Certificate to the girls students.

The outcomes of this training are:

- Understanding and analyzing business processes, such as sales and account management
- Developing CRM workflows
- Maintaining user roles and security
- Producing design documents and technical plans
- Conducting informational workshops for other teams
- Collaborating with other engineers and developers

Some glimpses of the inauguration are:



ETHNIC DAY-2k23

The Master of Computer Applications organized a Department level Event named Ethnic Day on 14th April , 2023. Under this event **DECLAMATION and POETRY Competition** was organised, keeping in mind to provide the platform to students to enhance their self confidence and communication skills. There were 7 students who participated in this competition from various classes. Students got a chance to show their talent. Students participated with great enthusiasm and made this event fruitful by their interesting poetry. Judges for this event were **Dr. Monika** , Assistant Professor (MCA) and **Ms. Rashmi Saluja** Assistant Professor(MCA) .Both the judges appreciated the students for their effort. In this event **Arti got Ist position, Vineet Mehta got 2nd position & Harsh** got **3rd position.** Winners were felicitated with certificates and best wishes.

Some glimpses of the inauguration are:

पाइट कॉलेज की रिद्धि जैन प्रथम

पानीपत। पाइट के विजेताओं को पुरस्कृत करते हुए। फोटो: हरिभूमि

हरिभूमि न्यूज ▶▶| पानीपत

- हिंदी डेक्लामेशन पोएट्री पोस्टर मेकिंग और रंगोली प्रतियोगिता का आयोजन

बैसाखी थीम पर हिंदी डेक्लामेशन पोएट्री पोस्टर मेकिंग और रंगोली प्रतियोगिता का आयोजन किया गया। पाइट कॉलेज में कंप्यूटर एप्लीकेशन विभाग ने एथनिक डे मनाया। विजेताओं को वाइस चेयरमैन राकेश तायल बोर्ड सदस्य शुभम तायल निदेशक डॉ. शक्ति कुमार और विभागाध्यक्ष डॉ. दिनेश वर्मा ने ट्रॉफी और सर्टिफि केट देकर पुरस्कृत किया। डेकलेमेशन प्रतियोगिता में रिद्धि जैन प्रथम विनीत ने दूसरा स्थान प्राप्त किया। आरती ने पोएट्री में पहला स्थान प्राप्त किया। शहीदों की याद में आरती ने ऐसी पंक्तिया पढ़ी कि वहां बैठे हर विद्यार्थी और शिक्षक के रोंगटे खड़े हो गए। पोस्टर मेकिंग प्रतियोगिता में आकांश और प्रीतपाल विजेता रहे। शुभम तायल ने कहा कि परिणाम की परवाह किए बिना हर प्रतियोगिता में हिस्सा लेना चाहिए। मनदीप कौर आकांश ईशा निधि ने कार्यक्रम का संचालन किया। इस अवसर पर डॉ. मोनिका राजन सलूजा रोहित शर्मा निशा रीमा रश्मि सलूजा डॉ. मुनीष डॉ. साक्षी बिजेंद्र रजत हेमलता वर्षा दिव्या सिंगला मौजूद रहीं।

A Farewell Party to Batch 2023

On 13th May, 2023 the students of MCA, arranged a farewell party in the title "Lamhein 2k23" to the final year ongoing students. Farewell is basically a get together kind of celebration for the senior students who will soon move to their future endeavours. Function began with the floral welcome of dignitaries of the Institute by staff and students. Lamp Lightning Ceremony was done by Sh. Hari Om Tayal (Chairman, PIET), Sh. Suresh Tayal (Member Secretary, PIET), Prof. (Dr.) Shakti Kumar (Director, PIET), Dr. Dinesh Verma (HoD, MCA) along with Heads of various Departments, Registrar sir.

Prof. (Dr.) Shakti Kumar addressed the students and congratulated all the 2023 batch passing students for successfully completing their degree. Also showed them the path to be the Technocrats of the PIET.

Sh. Suresh Tayal Sir (Member Secretary, PIET) showered his blessings on the students and gave them real life lesson that can help them in their professional life.

Sh. Hari Om Tayal Sir (Chairman, PIET) also greeted and showered his blessings on the students and ask them to stay connected with the institute so that students can help their juniors in the career and degree aspects.

Students of MCA presented very entertaining group dance, solo dance and solo song performances.

Students of 2023 batch also participated in "Ramp Walk" Competition which was judged by Ms. Nisha and Ms. Divya.

For MCA Students

Mr. Personality & Ms. Personality was won by Mr. Yogesh and Ms. Yangie

Mr. Intelligent & Ms. Intelligent was won by Mr. Aditya and Ms.Sejal

And finally, Ms. Ishika was crowned by the title of Ms. Farewell and Mr. Shivam was awarded the title of Mr. Farewell.

A token of love was presented by students of MCA to the faculty of Master of Computer Applications department.

Function was ended by a vote of thanks by Head of Department Dr. Dinesh Verma.

Some glimpses of the inauguration are:

WAR TECH - 2K23

WarTech 2k23 is a technical event that aims to bring together students, professionals, and industry experts to showcase their technical skills and knowledge. The event is designed to provide a platform for participants to interact, learn, and exchange ideas on the latest technological advancements in various fields.

The event comprises various sub events including **Appathon, Code Relay, Coding Treasure Hunt, Blind C, Lan Gaming, Black Box, Debugging, Website Development, X-Quiz IT, Case Study** . In appathon event, students were given a topic on which they were supposed to make an mobile app and to present it in front of the judges. Coding Relay was a code game which team of more than 2 students could participate, a problem statement was given to one of the member of team, student was supposed to write solution for that problem within stipulated time, after that other member of the team will continue where the first student has left the solution of problem. For Coding Treasure Hunt, students were given hints to find out the problem and their corresponding solution. In Blind C, a problem statement was given for which students were to write solution on the screen with keeping their monitor screen off. All the events were exciting and students participated with full enthusiasm. For each event, cash prize of Rs. 2100, Rs. 1500 and Rs. 1000 was given to winners. More than 30 colleges and 430 students participated in the event.

With the aim, to bring technical exposure in the students belonging to engineering, computer science and applications, along with non technical students, Master of Computer Applications organized the event on 5th May, 2023.

Some glimpses of the inauguration are:

Panipat Institue of Engineering and Technology

Master of Computer Applications

FDP on MATLAB for Solving Engineering Problems

8 May - 12 May 2023

MATLAB, short for "MATrix LABoratory," is a high-level programming language and interactive environment developed by Math Works. It is widely used in academia, industry, and research for numerical computing, data analysis, visualization, and more. MATLAB provides a comprehensive set of tools and functions for solving a variety of mathematical problems efficiently.

MATLAB finds applications in various fields, including Engineering, Science, Finance, Education and Research.

Keeping in view the surge of the Research , the Master of Computer Applications was nodal center for FDP on MATLAB from 8th may 2023 – 11th may 2023.

DEPARTMENT OF APPLIED SCIENCE

Short Term Course on

MATLAB Techniques for Solving Engineering Problems" (ICT-13)

(08.05.2023 to 11.05.2023)

SCHEDULE OF FDP

Day and Date	10:00 - 11.30 AM Session-I	11.30AM-1.00PM Session-II	L	2.30-4.00 PM Session-III
08.05.2023 MONDAY	**Introduction to Engineering Mathematics Contents and Applications of MATLAB (KCL)**	**MATLAB: Basic and 2 D & 3D plotting (KCL)**	U N	**MATLAB: Basic and 2D & 3D plotting (KCL)**
09.05.2023 TUESDAY	**MATLAB: Curve fitting toolbox (AC)**	**MATLAB: Optimization Tool (AC)**		**Practical session on MATLAB: Basics, Plotting and Toolboxes (KCL)**
10.05.2023 WEDNESDAY	**LINGO Software: Demonstration for Optimization problems (KCL/NJ)**		C	**Practical session on LINGO software (NJ/KCL)**
10.05.2023 THURSDAY	**Numerical Solution of ODEs: Methods and Applications (PNA)**		H B	**Numerical Assessment and Evaluation Session (KCL)**
11.05.2023 FRIDAY	**Application of MATLAB in Engineering: A Case Study (AS)**		R E	Evaluation & Valedictory

Glimpses of the event:

Certificate No: ICT-2467/23

National Institute of
Technical Teachers Training and Research
Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

DR. MONIKA

PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY, SAMALKHA, PANIPAT HARYANA

Participated in the AICTE Recognized Faculty Development Programme

on

MATLAB Techniques for solving Engineering Problems

Conducted by

Applied Science Department

from

08/05/2023 to 12/05/2023 (One Week)

at

Panipat Institute of Engineering and Technology,

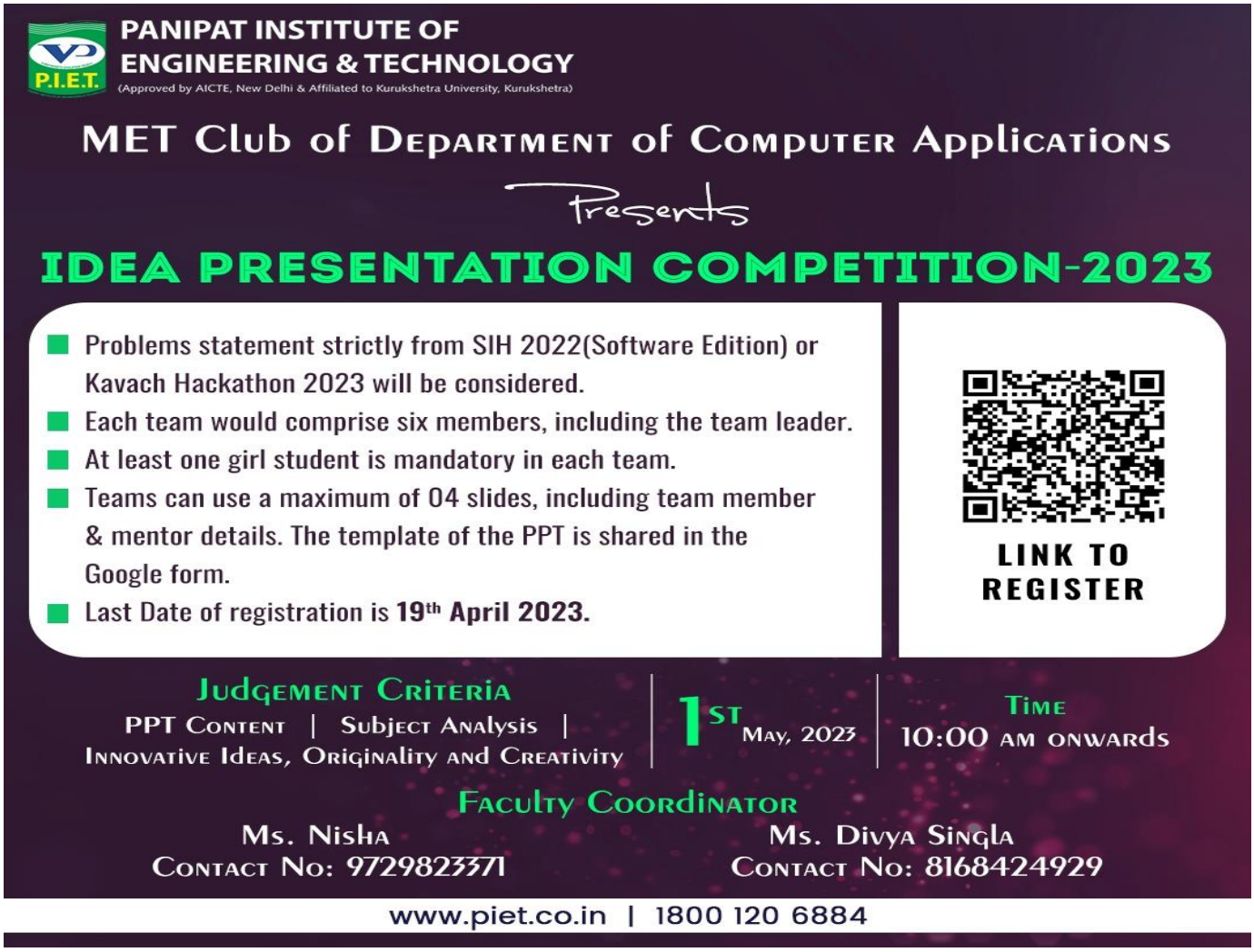
CHANDIGARH

Coordinator

Director

Idea Presentation Competition 2023

This event is based on presentations on problems given in Smart India Hackathon-2022 Software Edition, and Kavach 2023. The students can participate in a team of 4 members, in which they to solve any one problem given in SIH or Kavach and give a detailed presentation. The student will be judged based on innovative ideas, originality and creativity, PPT Content, Problem Analysis.

A total of 50 teams from BCA, B. Tech, MBA participated in the event. Students showcase comprehensive overview of the proposed solutions and their potential impact on addressing the security challenges highlighted in SIH 2022 and KAVACH 2023. It emphasizes the innovative approaches employed in solution development and outlines a clear implementation strategy for achieving tangible results. Judges from various departments have been invited to judge the event

Glimpses of the event: