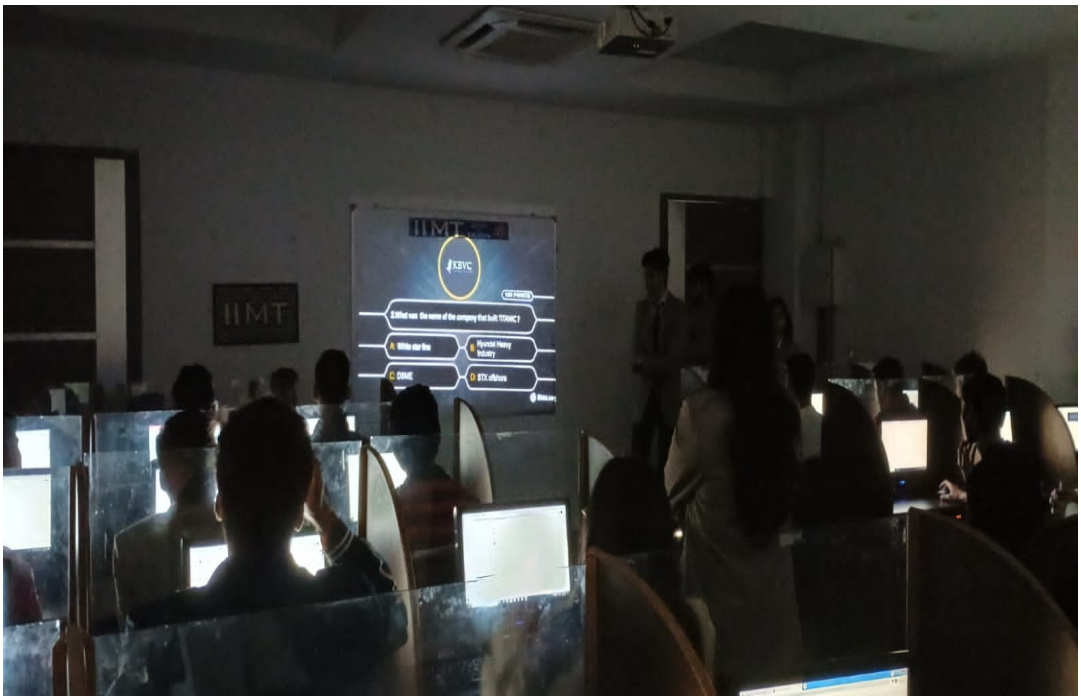
IIMT
COLLEGE OF ENGINEERING
Greater Noida
— Aim For Excellence —

Department of MCA


IIMT
KBVC
IIMT

Activity no -1

INFINITY2K3 ACTIVITY -KAUN BANEGA VIRTUAL CAROREPATI (KBVC)

Date: 12 December 2023

Faculty coordinators were

- **Dr Roopsi Rathi**
- **Mr Kameshwar Singh**
- **Mrs. Nimmi**

1. **Objective of the Event:**
    - To provide a different learning mode for the participating students.
2. **Learning Outcomes of the sessions:**
    - Participants learnt a lot many new things and enjoyed as well.
    - Students organized the event very nicely and shown their team spirit under the guidance of the faculty coordinators.
3. **The result of the event is as follows:**

IIMT College of Engineering

Infinity -2k23

Result of Virtual KBC

Dated: 12 Dec 2023

S. No	Name	College	Course	Position
1	ADITYA RAJ	IIMT College of Management	BBA	First
2	RAMA RAMAN	IIMT College of Engineering	MCA	Second
3	JATIN TYAGI	IIMT College of Engineering	MCA	Third

FACULTY COORDINATOR SIGN

12/12/23

HOD MCA SIGN

Activity no -2

IIMT
COLLEGE OF ENGINEERING
Greater Noida
— Aim For Excellence —

DEPARTMENT OF MCA

Evolution Expo 2023

15th December, 2023 10:00 AM – 5:00 PM

ROBO CAR (PROTOTYPE)

DESCRIPTION

This is a human controlled car a type of robot that can be operated by human hand movements. The user wears a glove with sensors like an IR sensor. The sensors record the hand movements in a desired direction, which results in the motion of the robot.

Social Relevance:-
Defense
Rescue Team
Medical field
Industries

Cost Incurred:-
Prototype or Rough Model: 3000\-
Market Price: According to Selected Field

Supervised By:-
- Prof.(Dr.) Naveen Kr Sharma
HOD MCA
- Mr Kameswar Singh
Asst Prof. MCA

Team Members Names:-
Jai Prakash Katiyar
Harsh Shukla
Ankur Singh
Sarika Dwivedi
Rishabh Singh

REAL TIME WEATHER PREDICTOR (PROTOTYPE)

DESCRIPTION

The real time weather predictor is the most reliable way to stay up-to-date with the weather in real time. It has is the best combination of hardware and software technology

Features:-
Provide update of real time temperature and humidity present in the environment.

Cost Incurred:-
Cost: Rs 1500/-

Supervised By:-
- Prof.(Dr.) Naveen Kr Sharma
HOD MCA
- Mr Kameswar Singh
Asst Prof. MCA

Team Members Names:-
Sonali Singh
Payal Priya
Chirag Kumawat
Md. Adil
Anant Kumar

www.iimtindia.net @iimtIndia @iimtNoida @iimtMeerutGreaterNoida @iimtGroupofColleges

16 DEPARTMENT OF MCA
IIMT
COLLEGE OF ENGINEER
Greater Noida
Aim For Excellenc
IIMT
MCA
Master of Computer Application
₹3 Crore
IIMT
Evolution
MCA
1st Year

EVENT REPORT ON

Evolution Expo

Date: 15 December 2023

Faculty coordinator: Mr Kameshwar Singh, Asst.Prof.(MCA)

On the 15th December, 2023, an evolution expo was organised by the IIMT group of colleges, providing a platform for innovation and creativity.

Two teams comprising from MCA 1st and 2nd year students enthusiastically participated.

- MCA 1st year Team showcased a prototype of "Real-time weather monitor". The real time weather predictor is the most reliable way to stay up to date with the weather in real time. It has the best combination of hardware and software technology.
- MCA 2nd year team presented a prototype "Robo car". This is a human controlled car a type of robot that can be operated by human hand movements. The user wears a glove with sensors like an IR sensor. The sensors record the hand movements in a desired direction, which results in the motion of the robot.

The diverse participation across departments painted a vivid picture of the collective knowledge and creativity within the college premises.

Objectives:

- Give a platform to the students to exhibit their Prototype.

- And a chance to meet with the industry experts for the fruitful comments for the same.

  Out comes

  - Students gained versatile knowledge from the panellist ad industry experts for their presented projects.
  - Students also got the suggestions for the enchantment of their prototype.

Activity no -3 Industry Visit

Activity Report on

Industrial Tour

ORGANIZED BY DEPARTMENT OF MCA

Session(2023-2024)

1. **Objective :**

- To make the students aware about industry culture.
- To enlighten students about the importance of tour and its positive impact.
- To motivate the students to create new opportunities and improve quality of life through innovative ideas.

2. Outcomes:

- This Industrial visit is very helpful in our future practical Life & bring a positive change in our thinking & practical behaviour regarding Education & specializing our technical skills.

- Got practical knowledge about the advancement in technology in computer science.
- Use of programming in field of computer science and engineering.
- Information on different parts & use of different languages with multiple tools.
- Management of manpower and computers.
- Different courses offered by training section.

IIMT
COLLEGE OF ENGINEERING
Greater Noida
— Aim For Excellence —
Department MCA
Innovation Club Activity
INNOVATIVE WEB PAGE DESIGNING
Web Design
21st December, 2023
10:00 AM Onwards
Venue : Computer Lab
Faculty Coordinator
Dr. Roopsi Rathi
Assistant Professor
MCA
Student Coordinators
Vishu Verma,
Sonali Singh
Scan for Registration
www.iimtindia.net
Follow Us

Activity no -4

SESSION ON: INNOVATIVE WEB PAGE DESIGNING

ORGANIZED BY - DEPARTMENT OF MCA

1. **Objective:**

- The objective of innovative web page designing for students is to enhance creativity, promote user engagement, and provide a platform for practical application of coding and design skills.
- It helps students develop a holistic understanding of web development while encouraging originality and effective communication through design elements.
- To inspire students to use creativity to develop new opportunities and enhance their quality of life.

2. **Outcome of the event:**
   Around 45 participants from MCA departments were present in the event along with the department faculties & HOD. Enhancing creativity, encouraging user interaction, and offering a platform for the real-world application of coding and design abilities are the goal of innovative web page design for students. It fosters creativity and effective communication through design aspects, and it assists students in gaining a comprehensive understanding of web development. Every student performs brilliantly in this competition. The event was judged by Dr. N.K. Sharma (HOD of MCA dept.) and Mr. Raj kumar Assistant Prof. (MCA). The winners of this competition are:

Name of Winner	Position
Akash Kumar Chauhan (MCA 1st year)	**1st**
Md Javed Akhtar (MCA 2nd year)	**2nd**
Veerendra Prakash (MCA 3rd year)	**3rd**

3. EVENT COORDINATOR: Dr. Roopsi Rathi

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

IIMT
COLLEGE OF ENGINEERING
Greater Noida
— Aim For Excellence —

National Education Day

November 11, 2023
10:00 am onwards
Sarabhai Hall

Participate in Following Events

- Debate
- Innovative Ideas
- Elocution Competition

FACULTY COORDINATORS

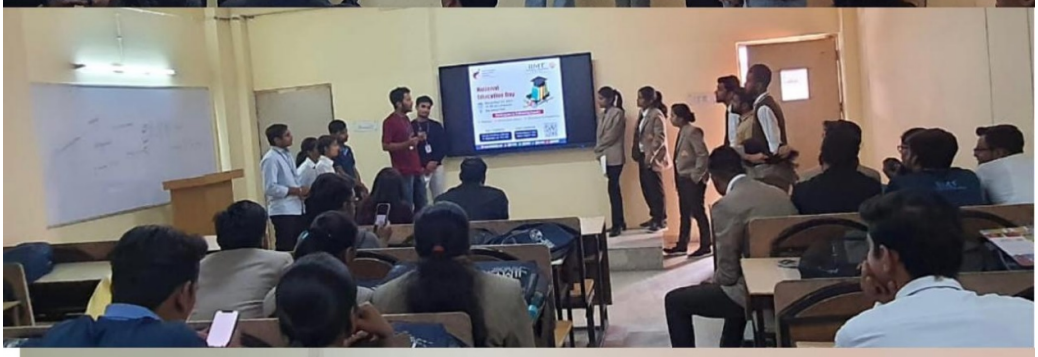
Prof. (Dr.) N.K.Sharma, HOD MCA
Dr. Roopsi Rathi, Asst. Prof., MCA

STUDENT COORDINATORS

Pratibha Dahiya (1st Year)
Abhinav Singh (1st Year)

Scan for Registration

www.iimtindia.net @iic.iimt @iimtlic @iic-iimt @IICIIMT



Activity no -5

National Education Day

JOINTLY ORGANIZED BY IIC-IIMT COLLEGE OF ENGINEERING & DEPARTMENT OF MCA

1. **Objective of the sessions:**

- To make the students and faculties aware about National Education Day.

- To enlighten students about the importance of education and its positive impact on the nation's development and well-being.

- To motivate the students to create new opportunities and improve quality of life through innovative ideas.

2. **Outcome:**Around 54 participants from MCA departments were present in the event along with the department faculties & HOD. All the participants were divided into 8 teams, (each team has 6 students). Team OMRON, Team The Squad, Team Justic league, Team IIMTian, Team Black Panthers, Team SP, Team Super Sonic and Team Ferrari Race.
    - **Event 1: Debate** The event was judged by Mr. Kameshwar singh Assistant Prof. (MCA) and Dr. N.K.Sharma (HOD of MCA dept.). At the end of this event winners were announced by Dr. Roopsi Rathi, Assistant Prof. (MCA). The team Justic League was the winner of this event.
    - **Event 2: Innovative Ideas:** The event was judged by Mr. Raj kumar Assistant Prof. (MCA) and Dr. Sakuldeep singh (MCA dept.). The team Black Panther was the winner of this event.
    - **Event 3: Elocution Competition:** The event was judged by Dr. Roopsi Rathi Assistant Prof. (MCA) and Mrs.NImmi Assistant Prof. (MCA).Vishwam Pandey was the winner of this event.

3. **Faculty coordinator:** Dr. Roopsi Rathi, Assistant Professor (MCA)

IIMT
COLLEGE OF ENGINEERING
Greater Noida
— Aim For Excellence —

DEPARTMENT OF MCA

is organising

Workshop On

DATA ANALYTICS

Speaker

Er. Rohit Pahwa

DATA SCIENCE EXPERT

DUCAT INDIA, NOIDA

DATE: 17th OCTOBER, 2023 | TIME: - 10:00 AM ONWARDS

VENUE- C.V. RAMAN

DR. N.K. SHARMA
HOD, MCA

CO-ORDINATOR

MR. KAMESHWAR SINGH
ASSISTANT PROFESSOR
DEPARTMENT OF MCA

SCAN

www.iimtindia.net Follow Us :

Activity No-6

Workshop on DATA ANALYTICS

ORGANIZED BY DEPARTMENT OF MCA, IIMT COLLEGE OF ENGINEERING

1. **Objective:**

- **Data Collection and Pre-processing:** To teach students how to collect and preprocess data for analysis, including data cleaning, transformation, and handling missing values.

- **Data Analysis Techniques**: To provide an overview of different data analysis techniques such as descriptive statistics, exploratory data analysis, and inferential statistics.

- **Data Visualization**: To teach students how to effectively visualize data using tools like Python libraries (e.g., Matplotlib, Seaborn) or data visualization software (e.g., Tableau).

- **Statistical Analysis**: To cover statistical tests and techniques used in data analytics, including hypothesis testing and regression analysis.

- **Machine Learning Basics**: An introduction to machine learning concepts and algorithms, as they are often used in data analytics.

- **Real-World Applications**: To showcase real-world applications of data analytics in various industries, such as healthcare, finance, marketing, and e-commerce.

2. Outcome: The session was coordinated by Kameshwar Singh, Assistant Prof, MCA Department. This session was started with the brief introduction of the Guest speaker by the anchor, Ms. Sandhya Kumari (student coordinator). Speaker was Rohit Pahwa, Data Science expert, DUCAT INDIA Noida. Around 95 participants from MCA departments were present in the session including the faculty members. The session was very interactive in between the speaker and participants.

3. Faculty coordinator: Mr. Kameshwar singh, Assistant Professor (MCA)