Department of Information Technology Activity Report 2022-23

S.NO	NAME OF ACTIVITY	ACTIVITY TYPES	DATE
1	QUIZ COMPETITION	Minor Departmental Activity	24 th September 2022
2	CODING COMPETITION	Minor Departmental Activity	29 th September 2022
3	Alumni Talk Series	Departmental Activity	10 th November2022
4	Student Development Program on "HOW TO CONVERT YOUR IDEA INTO A PRODUCT"	IIC Activity	18 th November 2022
5	Workshop on "CREATIVITY AND INNOVATION"	EDCell Activity	23 rd November 2022
6	Workshop on "PROBLEM SOLVING AND IDEATION"	IT	25 th November 2022
7	Guest Lecture on "DATA ANALYTICS USING PYTHON"	Departmental Activity	29 th November 2022
8	Conclave on "COMMUNICATION TECHNOLOGIES"	Departmental Activity	21st December 2022
9	Workshop on ENTREPRENEURIAL MOTIVATION AND BUSINESS IDEA	IIC Activity	17 th February 2023
10	WORKSHOP ON "ENTREPRENEURSHIP SKILL ATTITUDE AND BEHAVIOUR"	IIC Activity	21st February 2023
11	Coding Competition on "PROBLEM SOLVING AND IDEATION"	Minor Activity	23 rd February 2023
12	Workshop on "QUALITY ASSURANCE AND QUALITY CONTROL"	Alumni Activity	17 th March 2023
13	Workshop on "GIT HUB"	Alumni Activity	6 th April 2023
14	Session on Up skilling and UPSC	Departmental Activity	15 th May 2023
15	Workshop on "WEB DEVELOPMENT"	Departmental Activity	16 th May 2023

Minor Departmental Activity on QUIZ COMPETITION on 24th September 2022 by Mr. SachinBansal

The department of IT organized "Minor Activity ON QUIZ COMPETITION" ON 24thSeptember. The entire students of IT department fully participate in this quiz. Department conduct this quiz on whatsapp platform. This activity is coordinated by the Mr. SachinBansal, Assistant Professor of IT Department. We provide the E-certificate for the winner of the quiz.

Online Quiz Invitation.



Minor Departmental Activity on CODING COMPETITION on 29th September 2022 by Ms. Laveena Sehgal

An Inter-department Coding competition was held at IIMT College of engineering, Greater Noida on Sept 29, 2022. The coding competition was conducted by MsLaveenaSehgal, Assistant professor, Department of Information Technology. The competition began with five coding questions asked in which every participant have to solve three for winning and judgement was based on time complexity & feasibility of code. The coordinators has explained rules of the competition. Students participated in coding competition with great enthusiasm. Finally result was declared on the same day and top 3 students were selected. Result was declared on the basis of marks attained including time limitation.



Alumni Talk Series on 10thNovember 2022ByBibhakarJha

The IT department organized an Alumni Connect Session on 10th November 2022. The speaker for the guest lecture was Mr. BibhakharJha who is alumnus of batch 2018-2022 currently working as a Full stack Developer in Healthassurepvt.Ltd.

He started his session by sharing his college journey. He discussed year wise important subjects and topics to be focused. He shared how to prepare for companies and the things need to be focused when you prepare for companies. He also advised to work on at least 3 projects during your engineering. He suggested students to work in at least one startup company which is product based to learn the things thoroughly.

The main objective of the session is to share his experience with students that will help them to make the academic good as well as provide a good path for their effective placements. Apart this he also discussed about the market strategies and the types of technologies used in industries, what types of skills are required by candidates etc.

In the end, few questions were discussed related to the session. The session was full of knowledge and motivation for all the spectators.



IIC Activity - Student Development Program on "HOW TO CONVERT YOUR IDEA INTO A PRODUCT" on 18th November 2022 by Dr. Ajay Sharma

The department of IT organized a Student Development Program on the topic of "HOW TO CONVERT YOUR IDEA INTO APRODUCT" on 18th November 2022. The speaker for this program is **Dr.Ajay Sharma**who has started career as a Global Service Delivery Manager in IBM India Pvt.Ltd and having more than 15 years of experience in this domain.

There were more than 60 students from IT department attended this program. He discussed about the various research ideas and how to establish our own startups in the field of product development. In this program various learning techniques and steps for converting our innovative ideas into product development has been discussed. He explained students how idea becomes a product, when the idea is converted in to kind of tangible and definable offering, at a price, covering its costs and it also makes profit. If it is physical product, it comes with a specification and if it is a service, you should be able to define the process, input and output and the benefits. Then the product should be repeatable, that you should be able to produce more in number, with reasonable consistency and at cost that makes it viable and earn some profits. Products should be engineered well, so that reproduction does not require the same expertise that was required when it was designed first time. Often one uses tooling in the case physical product or a process in the case of service or a combination of the two, to ensure standardized output as defined.



ED Cell Activity - Workshop on "CREATIVITY AND INNOVATION" on 23rdNovember 2022 by Dr. Ajay Kumar Singh

The Department of IT organized a workshop on "Creativity and Innovation" on 23rd November 2022 at 03:00 PM onwards under ED cell. The guest Speaker is Dr. Ajay Kumar works as a Professor at RKGIT Ghaziabad. This activity was organized by Mr. Chaman Kumar, Assistant Professor of IT.

The Entrepreneurship and Innovation program combines theoretical and empirical perspectives with the development of practical skills and opportunities for the application of knowledge to real-life organizational issues that are faced by those who are establishing and managing organizations that are driven by innovation.

Dr. Ajay Kumar highlighted topics such as having the attitude of a millionaire, networking and becoming an entrepreneur. According to him, entrepreneurs should have a mindset similar to that of a global company and be prepared to encounter adversities along their path as entrepreneurs.



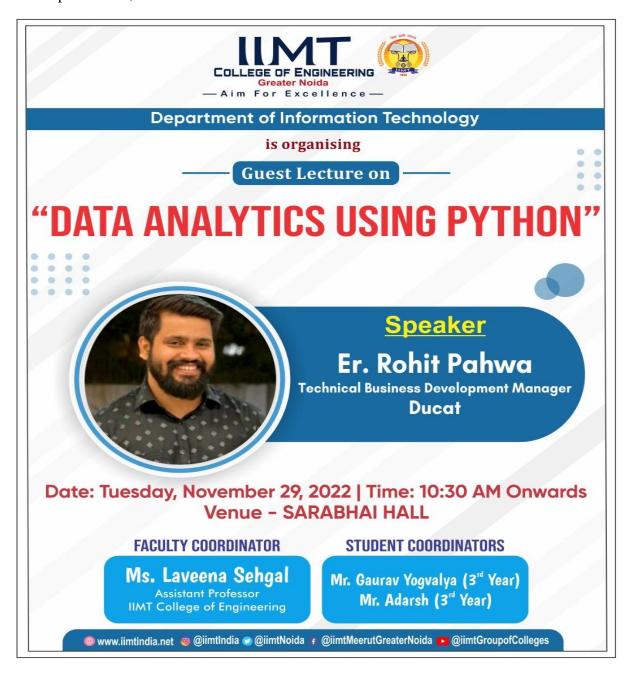
IIC Cell and the Department of IT have organized workshop on "Problem solving and Ideation". Mr Ravi discussed about Problem solving in context of software development and IT industry. He discussed in depth about problem solving and ideation. In analyzing problem few steps involved :- Define the Problem, Define the goals, identify root cause of the problem, develop action plan, evaluate results and continuously improve. Approaches for problem solving:- White hat [Facts], Red hat [Feelings], Black hat [Negative], Yellow hat [Positive], Green hat [Creativity] and Blue hat [Control]. Ideation is the creative process of generating, developing, and communicating new ideas. These ideas can be understood as a basic element of thought that can be visual, concrete, or abstract." "The process of coming up with an idea that can be turned into something valuable is called ideation." These are some of the simplest definitions for Ideation on the internet. For our purposes, we can further simplify it as: Ideation is the first step towards tinkering - this is the step where a student will/should start thinking - about a new idea, a new concept, or a new solution to an existing or new problem. The whole idea is to start thinking. Once the students become responsive and start sharing ideas, ask them to concentrate on, and identify one problem statement - any problem/issue that they would like to work on.



Departmental Activity –Guest Lecture on"DATA ANALYTICS USING PYTHON" on 29th November 2022 by Er.RohitPahwa

The department of IT organized a Guest Lecture on the topic of "DATA ANALYTICS USING PYTHON" on 29th November 2022. The speaker for Guest lecture is Er.RohitPahwawho is Technical Business Development Manager in Ducat. He discussed about how Data Analytics can appear to be a complex process for a beginner, which we can easily understand the important aspects of implementing Data Analytics with Python by working along with the following steps: Step 1: Set Up a Python Environment. Step 2: Learn the Basic Concepts of Python.

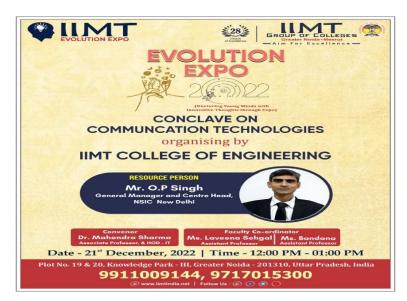
He explained Data Analysis is the technique to collect, transform, and organize data to make future predictions, and make informed data-driven decisions.



Conclave on "COMMUNICATION TECHNOLOGIES" on 21st December 2022 by

MrO.P.Singh

A Conclave was organized by department of Information Technology, IIMT College of Engineering, Greater Noida . The conclave coordinators Ms.LaveenaSehgal, Assistant Professor, Ms. Bandana Kumari, Department of Information technology invited a renowned and distinguished personality, Mr.O.P.Singh is currently associated with National Small Industries Corporation (NSIC)an ISO 9001:2015 certified Government of India Enterprise under the Ministry of Micro, Small and Medium Enterprises (MSME) as General Manager and Centre Head of NSIC Technical Services Centre situated at Okhla, New Delhi. He started his presentation by describing important part in various projects towards the furtherance of the MSME Sector in India and across the globe, recently, he played a key role in setting up Industry 4.0 compliant Centre-Of-Excellence: "Advanced Training Centre" at NTSC Okhla enabled with State-of-the-Art training and Common-Facility-Services in AR-VR, 3D Printing, Automation, Industrial Robotics & CMM while connecting institutions from the industry under one roof. He discussed about various Training Programs in contemporary fields such as Android App design with Kotlin, Data Science with Python, AI, Interior Design, and Digital Forensics. The event co-ordinator began the session by a thought provoking brief and introduced the Guest Speaker in a short while. The Guest Speaker delivered a wonderful Conclave session on Communication Technologies and finally session ended by giving vote of thanks given by the Event Co-ordinator.





Workshop on "ENTREPRENEURIAL MOTIVATION AND BUSINESS IDEA"

The Department of IT organized a workshop on "ENTREPRENEURIAL MOTIVATION AND BUSINESS IDEA" on 17 FEB 2023 at 11:00 AM onwards under IIC. Mr. SonuPrakash is the CEO & Founder of APPWARS Technologies Pvt. Ltd. He is a Motivational Speaker, Life Coach & Entrepreneur.

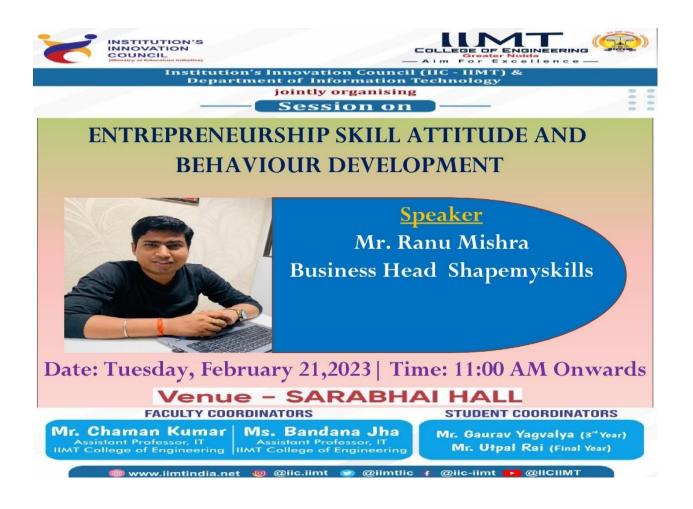
Mr. SonuPrakash highlighted topics such as having the attitude of a millionaire, networking and becoming an entrepreneur. According to him, entrepreneurs should have a mindset similar to that of a global company and be prepared to encounter adversities along their path as entrepreneurs.





WORKSHOP ON "ENTREPRENEURSHIP SKILL ATTITUDE AND BEHAVIOUR"

The Department of IT organized a workshop on "ENTREPRENEURSHIP SKILL ATTITUDE AND BEHAVIOUR" on 21 Feb 2023at 11:00 AM onwards under IIC. The Chief guest was Mr. Ranu Mishra is an expert in Java / python / business development currently Business Head Shapemyskills.





The Department of IT organized a "Coding Competition" on 23 Feb 2023 at 1:40 PM. The competition was open to all undergraduate students of various engineering disciplines.

The competition was held in one round wherestudents were given two hours to solve a set of coding problems using any programming language of their choice. The problems were designed to test the participants' problem-solving skills, programming proficiency, and time management abilities. The problems were declared winners of this competition.



IIMT COLLEGE OF ENGINEERING, GR.NOIDA

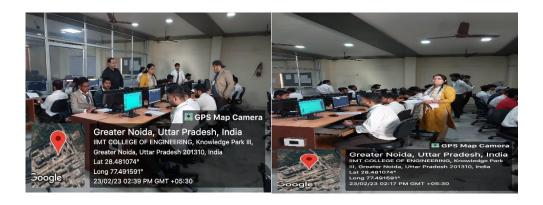
DEPARTMENT OF INFORMATION TECHNOLOGY
Conducting

Coding Competition Under Coding Club

Club Faculty In charge: Ms . Bandana Kumari Assistant Professor

Date: Thursday, February 23,2023 | Time: 1:40 PM

Club Student coordinators: Sandhya Amrit, Soham Sarkar, Tanu & Naval Kishor Jha



Workshop on "QUALITY ASSURANCE AND QUALITY CONTROL"

The IT department organized an Alumni Connect Session on the topic "Workshop on QA & QC" on 17th March' 2023. The speaker for the workshop was Mr.KaranParihar&Mr.Siddharth Mishra they are alumnus of batch 2017-2021 currently working as a Quality Control Engineer & Quality Analyst Engineer. They started their session by sharing their college journey. The workshop started by sharing an overview about QA/QC.





Workshop on "GIT HUB" on 6TH April 2023 byMr.Alok Kumar

The IT department organized an Alumni Connect Session on the topic "Workshop on GIT HUB" on 6th April' 2023. The speaker for the workshop was Mr.Alok Kumar .He is alumnus of batch 2015-2019 currently working as an Android Developer in Delloite. He started his session by sharing his college journey. The workshop started by sharing an overview about GIT HUB .He started his workshop by introduction of GITHUB. He explained the difference between Git and Github as that's a common doubt and also while making a new account having a unique username is important.

He explained using Visual Studio and Ubuntu's terminal. All examples and scenarios were covered i.e., Making a new repository, Public and Private repositories, forking repositories, making changes in forked repositories, pulling/pushing the changes on/to terminal/github.

On GitPages, he taught how to host a static webpage on github server using git pages and were shown practically by hosting a sample website. It was an interactive session; all doubts were cleared patiently. The session was full of knowledge and motivation for all the spectators.



Photos of the Workshop



Workshop on "WEB DEVELOPMENT" on 16TH May 2023 by Mr.Naman

The Department of IT organized a Workshop on "Web development" on **16th May 2023** at 11:00 AM. The workshop was conducted by Mr. NamanTyagi industry expert who shared his expertise and knowledge with the participants.

The aim of the workshop was to provide a better understanding of the latest trends and technologies in web development, Content Management Systems (CMS), User Experience (UX), and Responsive Web Design (RWD). It also emphasized the importance of SEO (Search Engine Optimization) and its impact on website rankings, visitor traffic, and business growth.

Participants were engaged in interactive sessions that helped them to gain a better understanding of the practical aspects of web development. Through hands-on exercises and activities, they were able to explore various tools and techniques used in web development and apply them to real-world scenarios.

The workshop was a great success, and the participants found it to be extremely informative and valuable. They have gained insights and knowledge that will help them to improve their web development skills and create more effective and engaging websites.



Photos of the Workshop

