

IIMT
COLLEGE OF ENGINEERING
Greater Noida
— Aim For Excellence —



InfoMania

A Quarterly Publication of

DEPARTMENT OF INFORMATION TECHNOLOGY

Volume 7, Issue VII, Jan - March 2022



IT DEPARTMENT
IIMT COLLEGE OF ENGINEERING

A Message from the desk of Editor, InfoMania

Welcome to the VII issue of our Newsletter, InfoMania!

For this edition I am really proud that we are about to bring up this issue with the moments that are to be remembered as we have articulated the activities of the IT Department in a frame of achievements by our faculties, our students and staff. These activities have provided us a fantastic experience in collaboration of knowledge sharing, learning, with extensive participation from every member of the Department on expanded horizon.

As an Editor of “Info Mania” it is always my aim that I should maintain the balance between all the contents of the newsletter so that our reader can enjoy the experiences shared here as the part of it.

I am a firm believer that by creating new venues for learning in a way that our readers are going to enjoy the visuals by presenting them in an accordable memory will be of worth as they will definitely feel the necessity of it.

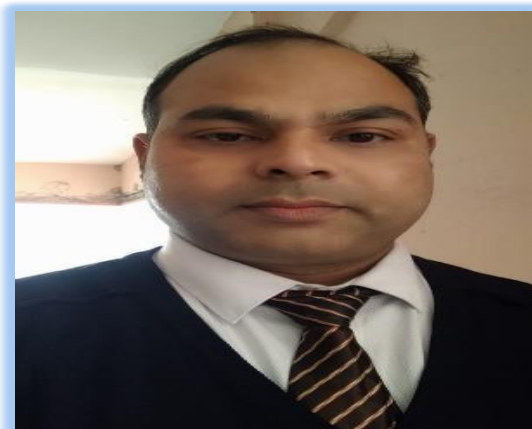
At IT Department we create, we impart, we support and we cater the need of skills and talents of our students through our departmental and academic activities.

Being the IT department, it is always our responsibility to provide our students a combination of soft skills and personality development activities to make them corporate ready in a best way.

I am really thankful to Director Sir, Dean Sir and my supportive faculty members who have supporting me in bringing up this issue in a creative form.

Activities:

- WORKSHOP
- GUEST LECTURE
- ALUMNI CONNECT
- SESSION ON HOW TO SOLVE CASE STUDY
- SESSION ON INNOVATION DEVELOPMENT AND TECHNOLOGY

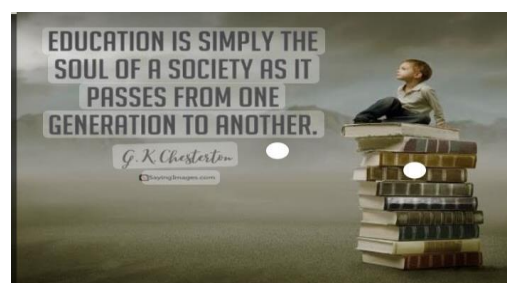


Dr. Mahendra Sharma

Editorial Board Director, Info Mania

IT Department

IIMT COLLEGE OF ENGINEERING



QUOTE OF THE QUATERLY

Faculty Corner

1) AICTE Sponsored One week Short Term Training Program:

Title of the Training Program : Cloud Computing And Internet Of Things

Faculty Participated: i) Ms. Roopali Gupta

TRAINING PROGRAM OBJECTIVE : The Cloud Computing and IoT is significant because an object that can represent itself digitally becomes something greater than the object by itself. No longer does the object just relate to the process; it now connects to surrounding objects and database data, permitting “big data” analytics and insights. This technology has evolved from the convergence of wireless technologies, micro electromechanical systems, micro services and the internet. Consumer IoT took another revolutionary path, either by becoming connected – for example, speed sensors on a bike – or being newly invented. In other instances, such as in healthcare, things have been there but not widely used, such as patient health status.

Objectives:

- The objective of the FDP is to introduce fundamentals of IoT with its applications.
- The program would help the participants to understand the key concepts behind IoT.
- Identify the Technologies which are more appropriate for various types of networking knowledge of various IoT architectures such as Wireless Sensor Networks.
- This FDP also focuses on exploring various research opportunities and challenges in the field of IoT and its applications.
- Help developing socially useful projects and converting them into products.



2) Faculty Development Program:

Title of the FDP: Quantum Computing: Challenges and Opportunities

Faculty Participated: Mr.Chaman Kumar

FACULTY DEVELOPMENT PROGRAM OBJECTIVE : The Distributed computing and IoT is huge on the grounds that an article that can address itself carefully becomes an option that could be more noteworthy than the item without help from anyone else. No longer does the article simply connect with the cycle; it presently interfaces with encompassing items and data set information, allowing "huge information" investigation and experiences. This innovation has developed from the intermingling of remote advances, micro electro mechanical frameworks, miniature administrations and the web. Customer IoT followed another progressive way, either by becoming associated - for instance, speed sensors on a bicycle - or being recently imagined. In different occurrences, for example, in medical services, things have been there yet not broadly utilized, like patient wellbeing status.



DEPARTMENTAL ACTIVITIES

ALUMNI CONNECT SESSION

ON
21-01-2022

Alumni Connect session was organized on 21st January 2022. The speaker for the session was Jeet Saxena. He is alumnus of batch 2008-2012. He is currently working as a software engineer in NCR Corporation, Hyderabad. He is having more than 8 years of experience in software industry. He is currently working on a project that handles the payment gateway for the transactions. Before NCR Corporation he was working with Aveva Solution LLP India on a project that provides software solution to the customers that deals with the steel fabrication. Basically he is a back-end developer working on ASP Core REST APIs and also works on database designing, SQL queries and stored procedures. Before Aveva he worked for Cybage Software pvt ltd, which is a service-based company, there he worked for a Fleet management domain project. He discussed the myths and reality about the corporate. He told the things required for self motivation and also told that never try to over smart by giving wrong answers. He told to focus on oops and also on one backend like my sql or sequel. What all things required for company placement point of view. Overall, the session was very interesting and motivating.




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Department of Information Technology

ALUMNI CONNECT



Jeet Saxena
Batch : 2008 - 12

Senior Software Engineer
NCR Corporation
Hyderabad

Mode Online
Microsoft Teams

21st January, 2022 | 01:30 PM to 02:30 PM

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ALUMNI CONNECTSESSION ON BASICS OF ANDROID APP DEVELOPMENT ON 04-02-2022

The IT department organized an Alumni Connect Session on the topic “Basics of Android App Development” on 4th Feb 2022. The speaker for the guest lecture was Mr. Alok Kumar who is alumnus of batch 2015-2019 currently working as a software developer in Modcoder, Noida which is a service based company providing App web development services. He started his session by introducing students on basic building blocks of Android and its UI designing and what should be idea to maximize the implementation of Android’s applications.

The workshop had a significant focus on problem-solving. He tried to cover many topics from the competition and placement viewpoint and discussed all issues briefly by showing their implementation. In the end, few questions were discussed related to the session. The session was full of knowledge and motivation for all the spectators.

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Department of Information Technology

ALUMNI CONNECT

Topic

**Basics of Android App
Development**

ALOK KUMAR
2015 -19
Software Developer (Android)
Mobcoder, Noida

Mode Online
Microsoft Teams

04th February, 2022 | 01:00 PM to 02:00 PM

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SESSION ON “HOW TO SOLVE CASE STUDY”

INTRODUCTION: This session was brief about “HOW TO SOLVE CASE STUDY”. This session on case study is a method of analysis and a specific research design for examining a problem. A unique opportunity for us to reconnect with the case study method to teach management in the classroom environment. The objective of using this method is helpful in understanding the theoretical concepts, application of managerial tools and problem solving methods.


THEME: HOW TO SOLVE CASE STUDY

DATE and DAY: 11-02-2022 (TIME: 10:00 AM – 11:00 AM)


Speakers Information

S.No	SpeakerName	Speaker organization	Designation
1.	Mr.Sunil Dua	T.I.M.E	Senior Regional Head


INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)



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MoE IIMT ENGINEERING INNOVATION CELL & DEPARTMENT OF IT
 is Jointly Organizing
 — TOPIC ON —
HOW TO SOLVE CASE STUDY



Guest Speaker
Mr. Sunil Dua
 Senior Regional Head
 T.I.M.E.

Mode online

 Microsoft Teams

Date: 11th February, 2021
Time: 10:00 AM - 11:00 AM

Coordinator


Ms. Aruna Singh
 Assistant Professor
 Department of IT

PATRONS

Dr. Sanjay Pachauri
 President,
 IIC IIMT

Dr. S.S Tyagi
 Director,
 IIMT College of Engineering

Dr. Mahendra Sharma
 Associate Professor
 Department of IT

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SESSION ON “PROCESS OF INOVATION DEVELOPMENT & TECHNOLOGY READINESS LEVEL(TRL)” & “COMMERCIALIZATION OF LAB TECHNOLOGIES & TECH –TRANSFER”

INTRODUCTION: This session was brief about “**Process of Innovation Development & Technology Readiness Level (TRL) and Commercialization of Lab Technologies & Tech Transfer**”. The main objective of this session was to discuss –Generating Ideas, capturing ideas, beginning innovation, developing a business- effectiveness strategy, Applying Business Improvement, and Decline.

THEME: PROCESS OF INNOVATION DEVELOPMENT & TECHNOLOGY READINESS LEVEL (TRL) AND COMMERCIALIZATION OF LAB TECHNOLOGIES & TECH TRANSFER

DATE and DAY: 22-02-2022 (TIME: 10:00 AM – 11:00 AM)

Speakers Information

S.No	SpeakerName	Speaker organization	Designation
1.	Mr. Baldivya Mitra	KIET Group of Institutions, Ghaziabad	Assistant Professor



**INSTITUTION'S
INNOVATION
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**MoE IIMT ENGINEERING INNOVATION CELL & DEPARTMENT OF IT
is Jointly Organizing**

— Session on —

**“PROCESS OF INNOVATION DEVELOPMENT & TECHNOLOGY
READINESS LEVEL (TRL)” & “COMMERCIALISATION OF LAB
TECHNOLOGIES & TECH-TRANSFER”**



Guest Speaker
Mr. Baldivya Mitra
Assistant Professor
KIET Group of Institutions, Ghaziabad

Mode Online



Date: 22nd February, 2022 | Time: 10:00 AM to 11:00 AM

PATRONS

Prof.(Dr.) S.S. Tyagi
Director
IIMT College of Engineering

Prof.(Dr.) Sanjay Pachauri
IIC, President
IIMT College of Engineering

Coordinator

Ms. Roopali Gupta
Assistant Professor
Department of IT

Dr. Mahendra Sharma
HOD, IT
Department of IT

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WORKSHOP ON DATA ANALYTICS ON 23-02-2022

The IT department organized an online guest lecture on the topic " Data Analytics" on 23 Feb 2022. The speaker for the guest lecture was Mr. Atma Kumar Rai who is a dedicated IT professional with 8 years of experience, focusing on software project deliveries.

The workshop had a significant focus on problem-solving. He tried to cover many topics from the competition viewpoint and discussed all issues briefly by showing their implementation. In the end, few questions were discussed related to the session. The session was full of knowledge and motivation for all the spectators.




**DEPARTMENT OF INFORMATION TECHNOLOGY
IS ORGANIZING**

— Workshop on —

Data Analytics

Speaker

Mr. Atma Kumar Rai
Data Science Training Head

Venue : Computer Lab 2
Date : 23rd Feb., 2022
Time : 10.30 AM to 12:30 PM



Patrons

Prof. (Dr.) S.S. Tyagi
Director
IIMT College of Engineering

Dr. Mahendra Sharma
HOD, IT
IIMT College of Engineering

Coordinator

Ms. Roopali Gupta
Assistant Professor
IIMT College of Engineering

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