

IIMT

COLLEGE OF ENGINEERING

Greater Noida

— Aim For Excellence —




INFOMANIA

Department Of
Information Technology



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A Workshop

April-June 2023

VOLUME XII, ISSUE 2
NEWSLETTER

From Chief Editor's Desk



(Dr.) Mahendra Sharma

HOD IT

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 readers can enjoy the experiences shared here as part of it.

I am a firm believer that by creating new avenues for learning in a way that our readers are going to enjoy

the visuals, 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 for 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 the Director, and Dean for their able guidance, and my faculty members who have supported me in bringing up this issue in a creative form.

(Dr.) Mahendra Sharma | Chief Editor & HOD Dept. of IT

A Good
Education
is a Foundation for a
Better Future

April-June 2023

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Faculty Corner

Research Paper Presented In (International Conference On Data Analytics & Management) (ICDAM-2023)

Prediction of Criminal Activities Forecasting System and Analysis Using Machine Learning



Dr. Mahendra Sharma | Ms. Laveena Sehgal

Research Abstract:

Automation and autonomous systems are two of the few creative superpowers that propel entire fields to new heights. Machine intelligence will arrive to make such automated machines intelligent enough to complete their duties with power of outcome, thereby significantly reducing human interference in redundant methods. Great technological advancements can be linked to tasks that are made much easier and more discernible by mechanization. Our application adheres to the aforementioned principles by developing a product that reduces physical work for jobs that can be automated and processed while resolving the primary issue statement at hand.

Surveillance cameras are currently necessary for ensuring public safety, but they are only video-producing devices with no built-in intelligence. Because of the increase in material from security cameras, intelligent video feeds are now required for automatically recognizing abnormal occurrences. The primary goal of the project is to improve community safety by automating measurement assignments and reviewing crimes from real Closed-Circuit Television (CCTV). This is accomplished by entrusting the task of identifying criminal behavior to a structure that can recognize and distinguish it for more effective monitoring. We present a model in this study that can distinguish between specific offences with a precision of 0.94 and 0.95 for violence and maltreatment, respectively.

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Certificates



Alumni Speak

The IT department organized an Alumni Connect Session on 6th April' 2023. The speaker was Mr. Alok Kumar an alumnus of batch 2015-2019, currently working as an Android Developer in Delloite. He started his session by sharing his college journey. The programme started by sharing an overview about GIT HUB .He started by introduction of GIT HUB. 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 Git Pages, 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.

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ALUMNI ASSOCIATION

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DEPARTMENT OF INFORMATION & TECHNOLOGY
Organising
Workshop on GitHub
ALUMNI CONNECT

Mr. Alok kumar
(Batch 2015-2019)
Company: Deloitte
Designation: Software Engineer

Venue : COMPUTER LAB

Thursday, 6th April, 2023 10:00 AM ONWARDS

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Alumni Connect Session in Progress

April-June 2023

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A Workshop On Up skilling and UPSC

The IT department organized a workshop on the topic “UPSKILLING AND UPSC” on 15th May' 2023. The speaker for the workshop was Mr. Rishav Sharma .He is currently working as Professor in PhysicsWallah. He worked as Credit Risk Manager with top leading banks and had been state topper in various exams like CAT, SNAP, IIFT and many more exams.

He mentored 50000+ students in UPSC journey. The workshop started by sharing numerous benefits of UPSC preparation. He advised the aspirants for the UPSC Civil Services Exam to begin their preparations early. As a result of learning and the information obtained, the individual will become a scholar, an analyst, and a learner who can see the big picture.



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Department of Information Technology
is organising
Session on
UPSKILLING AND UPSC

Speaker
Mr. Sumit Rewari
Founder & CEO
PHYSICS WALLAH

DATE: 15th MAY 2023 | TIME: - 03:00 PM - 05:00 PM
VENUE- KRISHNA HALL

COORDINATOR: DR MAHENDRA SHARMA (ASDC, PROF & HOD IT) IIMT COLLEGE OF ENGINEERING
FACULTY COORDINATOR: MS. LAVEENA SEHGAL ASSISTANT PROFESSOR IIMT COLLEGE OF ENGINEERING

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The session on Up skilling and UPSC in progress

April-June 2023

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A Workshop On Web Development

The Department of IT organized a Workshop on “Web development” on 16th May 2023 at 11:00 AM. The workshop was conducted by Mr. Naman Tyagi 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.



Workshop On Web Development In Progress

April-June 2023

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A Workshop On Essentials For Ip Entrepreneurs & Start-ups

The Department of IT organized a Workshop on “Essentials for IP Entrepreneurs & Start-ups” on 8th June 2023. The workshop was conducted by Prof. Rajnish Prakash industry expert who shared his expertise and knowledge with the participants.

Participants were engaged in interactive session 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, as the participants found it to be extremely informative and valuable.



Workshop on “Essentials for IP Entrepreneurs & Start-ups” in progress

April-June 2023

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Department Of Information Technology



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