

Aryabhatta

Department of Computer Science and Engineering





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Newsletter Highlights

Workshop
Guest Lecture
Competition on Creative
Website Development

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NEWSLETTER

From Chief Editor's Desk



Dr. Ajay Kumar Gupta HOD, CSE

In 2005, the Department of Computer Science and Engineering was established, marking the beginning of a journey that initially enrolled 60 students but has now grown to accommodate 120 students annually. Our main goal has always been to provide excellent education in Computer Science Engineering.

The Department received accreditation from the prestigious NBA (National Board of Accreditation), in its second cycle, showcasing our steadfast dedication to becoming a Center of Excellence. Our vision is to deliver education and consulting services that meet global standards in computer science. Our aim is to nurture globally competitive and self-disciplined computer engineers poised to make significant contributions worldwide.

In line with the fast-paced evolution of technology and the perpetual need for innovation, we are committed to producing high-quality professionals who hold key positions in the IT industry in India and abroad.

Our Computer Science and Engineering Department offers a B.Tech program that emphasizes a profound understanding of fundamental principles and expertise in new technology, cyber security, computing devices, and computer architecture. The department boasts of fully equipped laboratories housing advanced software such as MATLAB, Oracle, Cisco Packet Tracer and many more along with an advanced project lab tailored to industry standards. Our faculty, comprising of well-qualified professors with Ph.D. and M.Tech. degrees from renowned institutes like IITs and NITs, etc ensures a comprehensive learning experience for our students.

The Computer Science and Engineering Department, accredited by the NBA (National Board of Accreditation), has been offering the B.Tech degree. course in Computer Science and Engineering since 2005. The Department's aspiration to excel among Indian colleges in its field is evident, emphasizing topnotch facilities and the dedication of its faculty members. The success of graduates landing key roles in leading organizations speaks volumes about the quality of education provided.

Moreover, the Department's commitment extends beyond technical education; it aims to cultivate leadership qualities among students, encouraging them to become job creators and entrepreneurs. This holistic approach not only contributes to individual growth but also fuels economic development and innovation.

Sustaining a positive and innovative learning environment, staying abreast of industry trends, and offering value-added courses are crucial elements in preparing students for the dynamic field of Computer Science and Engineering. By upholding this commitment to excellence, the Department will continue to uphold its reputation and produce accomplished graduates in the years to come.

Dr. Ajay Kumar Gupta Associate Professor Chief Editor & HOD Dept. of CSE VOLUME XX, ISSUE I NEWSLETTER



Workshop

"Design Thinking, Critical Thinking and Innovation Design"

The Department of Computer Science and Engineering at IIMT College of Engineering, Greater Noida conducted a Workshop on "Design Thinking, Critical Thinking and Innovation Design" on February 26, 2024. Dr. Prabhat Kumar Vishwakarma, Professor & HOD (AI & DS), curated this session with a distinguished resource person, paving the way for a profound exploration of design concepts. The session commenced with a magnificent brief by Dr. Vishwakarma, setting the context for understanding design thinking's significance in today's dynamic world. The resource person elaborated on critical thinking methodologies and their integration into the design process, emphasizing the importance of innovation and creativity. Participants were engrossed in interactive discussions and practical exercises, applying design thinking principles to real-world scenarios. The workshop facilitated a deep understanding of how innovation design drives problem-solving and enhances user experience across various domains.





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Attendees during the session

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Dr. Ajay Kumar Gupta, HOD(CSE) presenting memento to the Guest Speaker Dr. Prabhat Kumar Vishwakarma

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Guest Lecture

"Critical Design Thinking"

The Department of Computer Science and Engineering at IIMT College of Engineering, Greater Noida, organized an engaging guest lecture on "Critical Design Thinking" on February 27, 2024. Prof. S.K. Mahajan, a Senior Scientist (Retd.) from CEETI, Pilani, shared invaluable insights as the resource person, guiding students on IPR strategies. He elaborated on different types of intellectual property, such as patents, trademarks, and copyrights, and their role in safeguarding innovation. Through case studies and interactive discussions, participants gained a comprehensive understanding of how to identify IPR potential in their innovations. The session emphasized the legal and ethical aspects of intellectual property, equipping students with knowledge crucial for entrepreneurial endeavors and research initiatives. The engaging dialogue between students and the resource person showcased the session's effectiveness in raising awareness about IPR and fostering a culture of innovation protection among aspiring engineers and entrepreneurs.





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Prof. S. K. Mahajan delivering the session



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Prof. (Dr.) Prabhat Kumar Vishwakarma, presenting the memento to the Guest Speaker Prof. S.K. Mahakan

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Workshop

"Idea Validation"

The Department of Computer Science and Engineering at IIMT College of Engineering was delighted to host a captivating Guest Lecture on "Idea Validation" on 28 February, 2024. Ms. Neha Chaudhary, the esteemed Founder & CEO of Sheoran Industry Pvt. Ltd., graced the event, sharing her invaluable insights with our eager students. Session was a profound exploration into the crucial process of validating ideas, especially in the dynamic landscape of entrepreneurship and innovation. She emphasized the importance of thorough research, market analysis, and understanding consumer needs before diving into new ventures. Her real-world examples and case studies resonated deeply with our budding entrepreneurs, providing them with practical strategies and frameworks to validate their own ideas effectively. The event was expertly coordinated by Mr. Jain Singh and Mr. Sumar Kr Jha, faculty coordinators from the Department of CSE. Their meticulous planning ensured a smooth and engaging session that left a lasting impact on all attendees.







Ms. Neha Chaudhary delivering the session



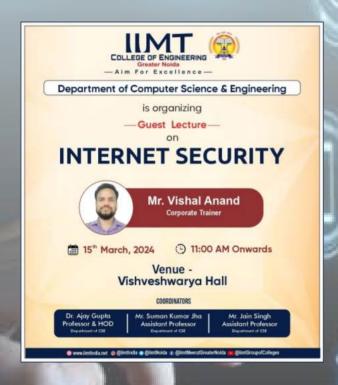
Singh, presenting the memento to the Guest Speaker Ms. Neha Chaudhary



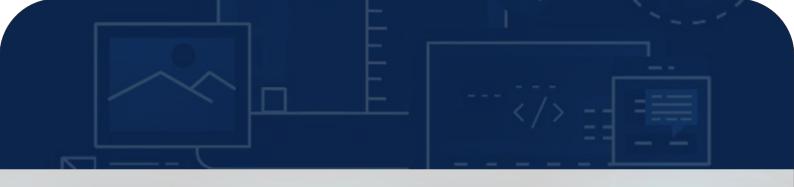
Guest Lecture

"Internet Security"

The Department of Computer Science and Engineering at IIMT College of Engineering, Greater Noida, organized a guest lecture on "Internet Security" on March 15, 2024. Mr. Vishal Anand, a renowned Corporate Trainer specialized in cybersecurity, was the distinguished resource person for this enlightening session. He discussed various cybersecurity threats, preventive measures, and best practices that are essential for individuals and organizations alike. The session not only raised awareness about cybersecurity challenges but also inspired students to pursue careers in this rapidly evolving field. By bridging the gap between theory and practical applications, events like these contribute significantly to our students' holistic learning experience.



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Attendees during the session



Mr. Vishal Anand delivering the session



"Creative Website Development"

The Department of Computer Science and Engineering at IIMT College of Engineering, Greater Noida, organized a Power Point Presentation Competition on "Creative Website Development" on March 19, 2024. Students from the Department of Computer Science and Engineering showcased their talents and skills in designing visually appealing and functional website. The competition, coordinated by Mr. Jain Singh and Mr. Sumar Kr Jha, attracted a wide range of participants eager to demonstrate their proficiency in web development concepts. The judges were impressed by the creativity, technical prowess, and attention to details exhibited by the competing teams. Participants utilized various tools and techniques to create dynamic and user-friendly website, incorporating modern design trends and responsive layouts. The event not only provided a platform for students to showcase their projects but also fostered healthy competition and collaboration within the Department.



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Ms. Priya Chauhan and Mr. Abhishek Kumar Agrahari presenting a certificate to the winner Satvik Sharma



Satvik Sharma (CSE 3rd year) participating in PPT Presentation

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Guest Lecture

"Emerging Trends in IoT Application"

The Department of Computer Science and Engineering at IIMT College of Engineering, Greater Noida, organized an enlightening guest lecture on "Emerging Trends in IoT Application" on March 22, 2024. Mr. Pawan Kumar, a seasoned Digital Marketing Trainer with expertise in IoT, shared his valuable insights with our enthusiastic students. Mr. Kumar's session delved into the rapidly evolving landscape of Internet of Things (IoT) applications, exploring innovative cases, industry trends, and future prospects in this dynamic field. Students gained a comprehensive understanding of IoT technologies, including sensor networks, data analytics, and IoT security considerations. Participants engaged in lively discussions, asking insightful questions and gaining valuable perspectives on implementing IoT projects responsibly and effectively.



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Attendees during the session



Chiest Guest Mr. Pawan Kumar delivering the session



- Aim For Excellence -**Department of Computer** Science & Engineering





CHIEF EDITOR

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