

SUMMER SUCCESS STORIES '24

STUDENT INTERNSHIPS AND TRAINING HIGHLIGHTS



Summer Training Program IIT Guwahati July 2024

Venue: IIT Guwahati Campus

Expert Details:

Prof. Sukumar Nandi (CSE)

Prof. Sanasam Ranbir Singh (CSE)

Number of Students: 42

Topic: Cyber Security

Mode: Hybrid

A month (July) long training program was attended by B.Tech students at IIT-G. The program commenced with an induction session led by Prof. Sanasam Ranbir, who provided a comprehensive overview of the course structure and set clear expectations. The primary instruction was delivered by Prof. Sukumar Nandi from the Department of Computer Science and Engineering at IIT Guwahati, with additional support from PhD students during the lab sessions. The curriculum encompassed critical topics including IP addresses, SQL attacks, buffer overflow vulnerabilities, cryptography, and various security measures.



Each day was structured into theoretical lectures followed by practical coding sessions, utilizing tools such as Kali Linux, Python, and Google Colab. The program concluded with the distribution of participation certificates and the assignment of projects for later submission.

Summer Training Program IIIT Delhi July 2024

Expert Details: Dr. Ojaswa Sharma (CSE)

Venue: IIIT Delhi

Number of Students: 28

Topic: AR/VR Technology

Mode: Offline

The B.Tech students attended a week-long training program at IIIT-D. Prof. Ojaswa Sharma, Associate Professor in the Dept. of CSE at IIIT-Delhi interacted with the students and emphasized on the critical role of Augmented and Virtual Reality in modern industries like education, healthcare, cinema, and gaming. Prof. Sharma discussed the history and key differences between AR and VR, followed by an overview of the course. Students delved into real-time rendering, geometric modeling, display optics, sensors, tracking, and more.

Daily hands-on lab sessions enabled them to design virtual experiences, deepening their understanding. The course concluded with a valedictory session and a competitive online exam, where Uday Srivastava and Asmi Battu emerged as top performers. Students also had the opportunity to experience a real-time VR setup using advanced headsets.



STUDENT INTERNSHIPS

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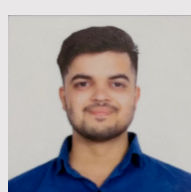
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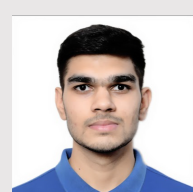
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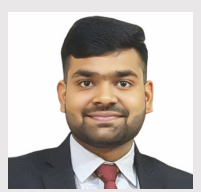
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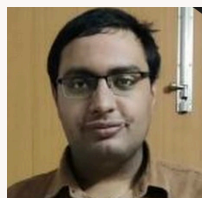
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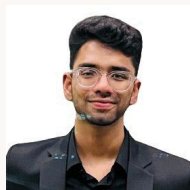
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