



DEPARTMENT OF MCA

Report Submission: 27/07/2026

Semester:	II	Academic Year:	2025–26	Venue:	CSE Seminar Hall, Acharya Institutes
Event Date:	24/07/2026	Time:	09:00 AM to 01:00 PM	Duration:	04:00 Hours

TYPE OF EVENT: WORKSHOP

EVENT NAME: HANDS ON CYBERSECURITY WORKSHOP

Target Audience:	II Semester MCA Students	Number of Participants:	72	Event Coordinator:	Dr. A. R. Deepthi
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Objectives:

1. To provide participants with practical exposure to fundamental cybersecurity concepts, tools, and techniques.
2. To develop hands-on skills in identifying, analyzing, and responding to common cyber threats and vulnerabilities.
3. To enhance awareness of safe digital practices and prepare participants for industry-relevant cybersecurity challenges.

Program Introduction:

The Hands-on Cybersecurity Workshop is designed to provide participants with practical exposure to essential Cybersecurity concepts, tools, and techniques. Through interactive activities and real-time demonstrations, the workshop aims to enhance participants' ability to identify cyber threats, protect digital systems, and adopt safe online practices for industry readiness.

Theme of the Event:

Empowering Students with Hands-on Cybersecurity Knowledge and Skills.



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Resource Person(s):

Mr. Tej Pratap, Product Security Engineer, Bytes Encrypt Pvt. Ltd, Bengaluru

Mr. Anshul Gupta, Cybersecurity Leader, Bytes Encrypt Pvt. Ltd, Bengaluru

Mr Chinmay, Security Engineer, Bytes Encrypt Pvt. Ltd, Bengaluru.

Detailed Report:

The Department of MCA, Acharya Institute of Graduate Studies, organized a Hands-on Cybersecurity Workshop on 24 July 2026 from 09:00 AM to 01:00 PM at the CSE Seminar Hall, Acharya Institutes, for MCA students to enhance their practical knowledge of cybersecurity, ethical hacking, and digital security practices.

The programme commenced with a welcome address by Ms. Sree Gowri, who welcomed the resource persons, faculty members, and students. The event was anchored by Ms. Rachana, Ms. Sinchana, and Ms. Dhanusha. The workshop was conducted by Mr. Tej Pratap (Product Security Engineer), Mr. Anshul Gupta (Cybersecurity Leader), and Mr. Chinmay (Security Engineer) from Bytes Encrypt Pvt. Ltd., Bengaluru.

The resource persons delivered insightful sessions on contemporary cybersecurity challenges, cyber threats, ethical hacking, vulnerability assessment, secure digital practices, and the importance of protecting digital assets. They also highlighted career opportunities in domains such as Ethical Hacking, Penetration Testing, Security Operations Center (SOC), Cloud Security, Digital Forensics, and Cyber Threat Intelligence. Students were encouraged to pursue industry certifications, internships, and practical projects to strengthen their technical competencies.

A major highlight of the workshop was the hands-on practical session, where students actively participated in live demonstrations involving phishing attacks, password security, network security, vulnerability analysis, and the use of cybersecurity tools. The practical exercises enabled students to understand real-world security challenges and gain valuable industry-oriented experience. An interactive question-and-answer session provided students with an opportunity to clarify their queries regarding cybersecurity careers, certifications, internships, and industry expectations. The technical session concluded at 12:55 PM.



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The workshop was successfully coordinated by Dr. A. R. Deepti and Mrs. Farzeen Basith, ensuring the smooth execution of the programme. The event concluded with a Vote of Thanks delivered by Ms. Veena, who expressed sincere gratitude to the resource persons, the Management, the Principal, faculty coordinators, and all participants for their support and active involvement. Overall, the workshop proved to be a highly enriching learning experience that enhanced students' cybersecurity awareness, practical skills, analytical abilities, and industry readiness.

Geotagged Photographs:



Welcoming and Introducing Resource Person Mr. Pratap Singh



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Expert Session by Mr. Prathap Singh



Mr. Anshul Gupta Engaging Students in Hands-on Cybersecurity



Mr. Chinmay Sharing Practical Insights on Cybersecurity



Ms. Veena Expressing Gratitude to the Resource Persons and Participants



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Outcomes:

1. Students gained practical knowledge of cybersecurity concepts, ethical hacking practices, and techniques for identifying and mitigating cyber threats.
2. Participants developed hands-on experience with cybersecurity tools, secure digital practices, and industry-relevant techniques through live demonstrations and practical exercises.
3. The workshop enhanced students' awareness of career opportunities in cybersecurity and motivated them to pursue industry certifications, internships, and continuous skill development to become industry-ready professionals.

Conclusion and Audience Feedback Summary:

The Hands-on Cybersecurity Workshop successfully achieved its objectives by providing students with practical exposure to cybersecurity concepts, ethical hacking techniques, and industry-relevant security practices. The workshop enhanced students' technical knowledge, practical skills, and awareness of emerging career opportunities in the cybersecurity domain, motivating them to pursue continuous learning, professional certifications, and hands-on experience.

Feedback collected from the participants indicated that the workshop was highly informative, interactive, and relevant to current industry requirements. Students appreciated the live demonstrations, hands-on activities, and practical insights shared by the resource persons. The overall feedback reflected a high level of satisfaction, with participants expressing that the workshop strengthened their understanding of cybersecurity practices and increased their confidence in pursuing careers in information security.

