



**NEW HORIZON**  
**COLLEGE OF ENGINEERING**  
New Horizon Knowledge Park, Ring Road, Marathalli  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade. Accredited by NBA

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### Report on “Network Security and Cyber Threats with a Focus on Firewalls”

#### Workshop

**Name of the Event** : Network Security and Cyber Threats with a Focus on Firewalls  
**Event Date** : 30/03/2026  
**Speaker Details** : Rajavarapu Manoj Kumar, Security Consultant – SIEM, Microland, Bangalore.  
**Venue** : Falconry Seminar Hall  
**Audience** : 6<sup>th</sup> semester students who opted for the open elective course Advanced Networking.

#### Gist of the Event:

During the session, the speaker explained various cyber threats such as malware, phishing, ransomware, and denial-of-service attacks. Real-world examples were discussed to highlight the impact of these threats on individuals as well as organisations. A major emphasis was placed on the role of firewalls in protecting systems from unauthorised access and strengthening network security.

The resource person described different types of firewalls and their working mechanisms in a clear and simple manner. The session also covered how firewalls filter network traffic based on predefined security rules. Students were introduced to practical scenarios to help them understand how firewall protection is implemented in real-world environments.

Interactive discussions were encouraged throughout the session, resulting in active student participation. Many students asked questions and clarified their doubts, making the workshop highly engaging and informative. The inclusion of case studies further enhanced understanding by connecting theoretical concepts with practical applications.

The workshop provided students with an opportunity to learn beyond textbooks and gain exposure to current cybersecurity practices and challenges. Overall, the session was informative, interactive, and highly beneficial for all participants, receiving positive feedback from the students.

## Glimpses of the Event:



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**Workshop**

### Network Security and Cyber Threats with a Focus on Firewalls

📅 30<sup>th</sup> March 2026      ⌚ 02:00 PM - 04:30 PM  
📍 Falconry Seminar Hall      👥 6<sup>th</sup> Semester Students

 **Mr. Rajavarapu Manoj Kumar**  
Security Consultant – SIEM, Microland

Faculty Coordinator: **Dr. Florance G**, Senior Assistant Professor - CSE  
Convenor: **Dr. B. Rajalakshmi**, Professor & Head - CSE  
**Dr. R. J. Anandhi**, Dean - Academics  
**Dr. Manjunatha**, Principal

Organised By  
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Coordinator

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