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## GOVERNMENT ENGINEERING COLLEGE, PATAN

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### Code-Hives Club Computer Science and Engineering Department

#### Summary Report

**Event Name:** Expert Talk On Network Security

**Event Speaker:** Mr. Krupalu Vora (GEC Patan Alumni, 2023 Passout)

**Seminar Duration:** 1 hours

**Total Students Attendees:** 127

**Seminar Date:** 29th August 2025, Friday

**Seminar Time:** 1:15 pm to 2:15 pm

#### Highlight of event:

- The event witnessed active participation from students, who showed great interest in understanding the modern-day challenges and solutions in Network Security.
- The session began with a warm welcome by the coordinators, setting the stage for an insightful expert talk.
- Mr. Krupalu Vora, GEC Patan alumnus, shared his expertise on Network Security, focusing on real-world issues and security challenges.
- The talk covered practical security mechanisms, common vulnerabilities, preventive measures, authentication & authorization concepts, JWT (JSON Web Tokens), and role-based authorization techniques to strengthen network safety.
- The session was interactive, with students engaging in discussions and gaining clarity on technical aspects of securing networks.
- Topics Covered During Session are:
  - Fundamentals of network security
  - Threat landscapes & intrusion detection
  - Encryption methods & preventive strategies
  - Authentication & Authorization
  - JWT (JSON Web Tokens)
  - Role-Based Authorization in secure systems
- Students learned how modern organizations implement security mechanisms like JWT and role-based authorization to protect against cyber threats and manage user access securely.

- An engaging Q&A allowed participants to clarify doubts and explore advanced concepts in network security.
- The event concluded with gratitude expressed towards the speaker, leaving students inspired to explore the domain of cybersecurity further.

## Photographs of event:





