



## Faculty Development Program



**VIT**<sup>®</sup>  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

**Title :** Enhancing Cyber Resilience through Governance, AI, and Practical Security Testing

**Date :** 2026-02-18 - 2026-02-18

**Time :** 10:00 - 17:30

**Venue :** SJT 507

### Event Outcome

- The FDP will enhance participants understanding of cyber resilience principles and practical security testing skills



#### **Resource Person 1 - Details**

**Name :** Mr Vasanth Kumar

**Designation :** Cyber Security Lead, NA

**University/ Company :** Centrico India, Chennai

**Address :** India, 600116.



#### **Resource Person 2 - Details**

**Name :** Dr Doreen Robin

**Designation :** Director, NA

**University/ Company :** Computational Intelligence Research Foundation, Chennai

**Address :** India, 600023.

### **Resource Person's Profile :**

#### **1. Profile of Mr Vasanth Kumar**

With over a decade of experience in the field of cybersecurity, he specializes in identifying and mitigating vulnerabilities across various platforms and technologies. His passion for exploring the complex world of security has driven him to master a wide array of security testing methodologies, including SAST, DAST, API security testing, mobile security testing, and network testing.

#### **2. Profile of Dr Doreen Robin**

Dr. Doreen Robin is the Director of Bethel Group of Schools and the Principal of Bethel Global School, leading with a vision for excellence in education and holistic student development. Currently, serves as an online faculty member for the University of San Diego and Southern New Hampshire University (SNHU), contributing her expertise in data science, cybersecurity, generative AI, and related fields to global learners.

The Faculty Development Programme focuses on enhancing awareness and practical skills related to cybersecurity and resilience in interconnected digital ecosystem. The morning session emphasizes the foundations of cyber resilience, addressing emerging threats, vulnerabilities, risk assessment, incident response, and recovery strategies across networks, cloud and IoT environments. It also highlights governance, compliance, and the role of AI in strengthening resilient systems. The afternoon session provides hands-on exposure to web application security through BURP Suite, covering traffic interception, vulnerability identification and penetration testing techniques. Participants explore common web attacks, ethical hacking practices and remediation strategies through practical demonstrations and case studies. Overall, the FDP equips faculty members with both strategic understanding and practical tools to effectively teach and apply cyber resilience concepts.

#### **Burp Suite**

**Coordinator's: Prof. SOMASUNDARAM S K 19612 - Associate Professor Grade 1 - SCOPE**  
**Prof. MOHANA SUNDARI L 19606 - Assistant Professor Sr. Grade 1 - SCOPE**