

# International seminar on Cyber Security and Ethical Hacking

organized by

Department of Computer Science

Date: 18-08-2023

Venue: Padmabushan Fr.Gabriel Seminar Hall

## Report of the event

The dignitaries lead by our very own principal Rev.Dr.Sr.Blessy, the chief guest **Ms. Sreelakshmy Palliyil**, Senior Red Team Security Consultant, Abu Dhabi UAE, **Dr. Sr. Rose Bastin**, Self-financing course coordinator, Ms.Reesha P U, Head, Department of Computer Science, Ms.Ambili Jacob, Faculty, Department of Computer Science, occupied the dias. The function began with the prayer song. Presidential address was delivered by Rev.Dr.Sr.Blessy. Ms.Reesha P U welcomed the gathering and the Guest of honor. **Ms. Sreelakshmy Palliyil**, Chief Guest for the occasion inaugurated the function. **Dr. Sr. Rose Bastin** presented the felicitation address. The vote of thanks was delivered by Ms.Ambili Jacob.



The International Seminar on Cyber Security and Ethical Hacking held on 18th August 2023 was a significant event in the field of cybersecurity and ethical hacking. The seminar aimed to bring together experts, researchers, practitioners, and enthusiasts from around the world to discuss and share insights on the latest trends, challenges, and advancements in cybersecurity and ethical hacking. The event featured a distinguished resource person, Sreelakshmy Palliyil, who is a renowned authority in the field.

### **TECHNICAL SESSION – I**

The session **Ms. Sreelakshmy Palliyil** began after a short tea break. The talk began with an overview of the current cyber threat landscape, emphasizing the increasing frequency and complexity of cyberattacks. Ms. Palliyil discussed various types of cyber threats, including malware, phishing, ransomware, and distributed denial-of-service (DDoS) attacks.



The audience was enlightened about the significance of ethical hacking in identifying vulnerabilities before malicious hackers can exploit them. Ms. Sreelakshmi Palliyil stressed that ethical hackers play a crucial role in enhancing an organization's cybersecurity posture by identifying weaknesses and suggesting appropriate remediation measures.



## TECHNICAL SESSION - II

The afternoon session was handled by Mr. Dhanoop R, Cyber Security Analyst, TechByHeart Kochi. The event commenced with a warm welcome to all attendees, followed by an introduction to the speaker, Mr. Dhanoop R. His expertise and accomplishments were highlighted, establishing his credibility as a resource person for the day's talk. The talk was structured to cover various aspects of cybersecurity and ethical hacking, providing attendees with a comprehensive understanding of the subject matter.



Mr. Dhanoop began the talk by explaining the fundamental concepts of cybersecurity, emphasizing the importance of protecting digital assets, sensitive information, and critical infrastructure from cyber threats. He discussed the various types of cyber threats such as malware, phishing, ransomware, and insider attacks. The speaker introduced the concept of ethical hacking, clarifying its distinction from malicious hacking. He highlighted the ethical hacker's role in identifying vulnerabilities within systems, networks, and applications to strengthen their security posture.

**ST JOSEPH'S COLLEGE**

(AUTONOMOUS), IRINJALAKUDA

REACCREDITED BY NAAC(4TH CYCLE) WITH A++ GRADE



## **DEPARTMENT OF COMPUTER SCIENCE**

### *International Seminar on Cybersecurity & Ethical Hacking*



**MS. SREELAKSHMY PALLIYIL**  
SENIOR RED TEAM SECURITY  
CONSULTANT, ABU DHABI UAE



**MR. DHANOOP R**  
CYBERSECURITY ANALYST AT  
TECHBYHEART, KOCHI

**2023**

**FRIDAY**

**18**

**AUGUST**

**10AM to 4PM**

**PADMABHUSHAN FR. GABRIEL SEMINAR HALL**

**PAPER PRESENTATION COMPETITION ON  
17TH AUGUST 2023**



## ST. JOSEPH'S COLLEGE

(AUTONOMOUS), IRINJALAKUDA

RE-ACCREDITED BY NAAC WITH A++ IN 4TH CYCLE

### DEPARTMENT OF COMPUTER SCIENCE

#### ABOUT THE COLLEGE

St. Joseph's College for women is a Christian minority institution affiliated to the University of Calicut and is managed by St. Joseph's Educational society of the Congregation of the Holy Family. Established in 1964, the legacy of the institution flourished along the years with the increase in demand for higher education facilities for women from the segregated strata. The College an answer to the ever increasing demand for higher education of women, was reaccredited in the fourth cycle at A++ level in 2023 by the National Assessment and Accreditation Council (NAAC)- an autonomous institution under the UGC.

#### ABOUT THE DEPARTMENT

The Department was established in the year 2012 with a UG programme in Computer Science. Since its inception, the Department has progressed with a vision and a strong commitment to developing competent programs, uncompromising standards of excellence providing state of the art computing facilities and training to students. The Department has well equipped computing laboratories and a rich repository of software covering a wide spectrum of applications. Department now offers two PG programmes-MSc Data Analytics, MSc Computer Science, Two UG programmes -BCA and B.Voc Software Development and various Certification courses.

### INTERNATIONAL SEMINAR ON CYBER SECURITY & ETHICAL HACKING



**MS. SREELAKSHMY PALLIYIL**  
SENIOR RED TEAM SECURITY CONSULTANT  
ABU DHABI UAE



**MR. DHANOOP R**  
CYBER SECURITY ANALYST  
TECHBYHEART, KOCHI

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