

G. Narayanamma Institute of Technology and Science

(AUTONOMOUS)

(for Women)



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Shaikpet, Hyderabad – 500104



A 5 Day Online Faculty Development Program on **CYBER SECURITY**

Date: 28-05-2020 to 01-06-2020

2 Hours/Day

*Organized by: Department of INFORMATION TECHNOLOGY
In Collaboration with SUPRAJA TECHNOLOGIES*

Co-ordinator: Mr. C. Sudhakar Reddy(98853 71790)

Dr. I Ravi Prakash Reddy
HOD-IT Dept.

Dr. K Ramesh Reddy
Principal

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WORKSHOP REPORT
on
5-Day FDP on "Cyber Security"

(28 th May To 1st June 2020)

Organized by Department of IT,GNITS in collaboration with Supraja Technologies

Date: 15-06-2020

Topics Covered in 5 Day Faculty Training Program

DAY - 1 :

- Introduction about Hacking and Terminology
- Types of Hackers
- Phases of Hacking
- Impact of Hacking
- Past Cases about Hacking
- Social Engineering Attacks
- Google Dorking
- Future in Cyber Security
- Certifications in Cyber Security
- Virtualization (Virtual Box)
- General awareness (Physical Security & Password Management)
- Introduction about Bug Bounty


DAY - 2:

Information Gathering:

- Social Media
- Who-is Look Up
- Reverse Lookup
- Have I pwned & How secure is my password
- True Caller
- Hunter.io
- Netcraft/Wrapperlyzer
- OSNIT Tools
- Wave Back Machine
- Introductions about Shells
- Windows Hacking
- Wi-Fi Attacks & N-map
- Introduction about Burp Suite

DAY - 3:

- Installation about Burp Suite
- OWASP Top 10
- Sub Domain Enumeration (GitHub & GUI tools)
- Host header attack


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- Account take over (Brute forcing)
- Cross Site Scripting (XSS)
- Session Management Vulnerabilities

DAY - 4:

- Web Vulnerability scanner (Acunetix or OWASPZ)
- Data Tampering
- No Rate Limit Attack
- No SPF records vulnerability
- FOCA Tool
- Directly Listing Attack
- Introduction about Key loggers & Honey pots
- Introduction about DOS and DDOS
- How antivirus works & scanning using Virus total

DAY - 5:

- Authentication Misconfiguration Vulnerability
- File Upload Vulnerability
- SQL injection
- Introduction about Juice Jacking
- Adb pull attack
- Android Hacks
- Introduction about Dark web and carding
- Cyber Attacks/Frauds

Participants

Jayashree S. Pabli
 Bhageshwari Rakkal
 Ms. N. Venkateshwarly
 S. Sandhya
 B. Geetha Kumari
 D. Naga Swetha
 T. RAJESH
 K. Sueha Reddy

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HOD CSE

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