

A Two Day Faculty Development Program on

VULNERABILITY ASSESSMENT & PENETRATION TESTING



19th – 20th January 2024

10.00 AM - 05.00 PM

Topics that will be covered include:

- *Introduction to Cybersecurity*
- *Importance of VAPT in securing systems*
- *Introduction to Vulnerabilities and Threats*
- *Overview of Penetration Testing*
- *Legal and Ethical Considerations*
- *Tools Used in VAPT (Nmap, Wireshark, Metasploit, Burp Suite etc.)*
- *Penetration Testing Methodology*
- *Exploitation Techniques*
- *Post-Exploitation and Reporting*
- *CTF Challenge*



Centre of Excellence in Cyber Security



Jawaharlal Nehru Technological University Hyderabad
Kukatpally, Hyderabad-500 085

About CoE in Cyber Security :

Centre of Excellence in Cyber Security, JNTUH has been established with an objective of providing training for the faculty & students, to facilitate Research & Innovation by identifying the skill gaps in the field of Cyber Security and Forensics.

Course:

The two-day FDP aims to provide faculty with a solid foundation in Vulnerability Assessment and Penetration Testing (VAPT) by covering essential cybersecurity concepts, networking fundamentals, and an in-depth understanding of common vulnerabilities and threats. Participants will gain hands-on experience with popular VAPT tools, learn ethical and legal considerations, and develop practical skills in conducting vulnerability assessments and penetration tests. The program's ultimate goal is to equip attendees with the knowledge and practical insights needed to identify and mitigate security risks effectively in a professional setting.

Eligibility :

Faculty from any College or University.

Registration Fee :

The Registration fee for the course is Rs.1500/- (Fifteen Hundred) to be paid in online mode only. Certificate will be issued on successful completion of the course.

Resource Persons :

Resource persons are drawn from reputed organizations.

How to Apply:

Interested participants have to submit the google form on or before 17-01-2024.

<https://forms.gle/9iqv1WHYTSDpo1X37>



Prof. Katta Narasimha Reddy
Hon'ble Vice-Chancellor



Prof. A. Goverdhan
Rector



Prof. M. Manzoor Hussain
Registrar

For further Details:

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Prof R. Sridevi
Director

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