

# **Techfest 2018**

## **Cyber Security Hackathon**

Duration: **Continuous 6 Hours**

Venue: **Trident Academy of Technology, Bhubaneswar**

The Hackathon is for participants to dive into problems of security vulnerabilities, Often groups of 2 individuals form around a project, such as hacking into the target web application according to the OWASP top 10 Vulnerabilities. We will provide 3 Web Application Target, and the team will perform the hacking attempts to hack those targets. There will be some terms & conditions will be specified for the projects before the Hackathon.

They have to perform at least 2 Segment out of 3 Projects.

One Project will be: Hack into Target

2nd Project will be: Secure the Target

Participants will Hack the Target as per Guidelines and then implement the security to the web applications as it will be secured.

Hacking begins with project introductions. Participants that bring projects to the event have an opportunity to briefly (5 minute max) explain what they are working on at the very start of the event so that other participants can join that project. At the end of the event, a wrap-up session gives each project a chance to demonstrate some accomplishments.

Best Ideas will be shortlisted for Presentation Platform to Jury.

### **Hackathon Objectives**

- Identification of talent and technical and creative skills in cyber security
- Educational environment (teaching and learning) for the improvement of cyber security skills and secure software development.
- An environment that facilitates the development of social skills, promoting collaboration, teamwork and networking with Innovation.
- Development of skills and experience of a competitive environment.
- A recreational setting that promotes enjoyment and entertainment.

### **Technology Stack:**

- Apache Server
- PHP Based Web Application
- OWASP Model Vulnerability
- HTML, CSS, JS, Bootstrap based Front end
- Database : MySQL