



Department of Computer Science & Engineering (IoT, CyberSecurity including Block Chain Technology)

Report on One Day Hands-on Workshop “Cybersecurity- Web Penetration Testing Using OWASP Mutillidae and Burp Suite”

- 1. Name of the Department:** Dept. of CSE [IoT, Cybersecurity including Blockchain Technology]
- 2. Type of Event:** One Day Workshop on “Cybersecurity- Web Penetration Testing Using OWASP Mutillidae and Burp Suite”
- 3. Venue:** DBMS/CG Laboratory, Ground Floor, RRCE, Bangalore
- 4. Date & Time:** 23.7.2024, 9.00AM
- 5. Resource Person:** Dr. Bejoy B J, Professor
Dept. of CSE, Christ University
Kengeri, Bangalore
- 6. Staff Coordinators:** All Faculty Members
- 7. Students attended:** 4th Semester (52 students)

8. Outcome of the Programme:

Students are gained the information on following topics

- The objective of this workshop is to help the students on Practical Web Penetration Testing focuses on this very trend, teaching you how to conduct application security testing using real-life scenarios.
- The students know how to Mutillidae installed, on the Windows operating system.
- Showing hints and setting security levels
 - This application is meant for web application professionals who want to practice web application type vulnerabilities. (For example, SQL Injection, Cross-Site Scripting, and so on.) While practicing, Mutillidae offers you the option to display hints, in case you are blocked and you can't find the vulnerability that you are trying to solve.



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- First, on the top menu, click the Toggle Hints button to enable/disable hints. Next, click on Show Popup Hints to enable the pop-up hints, and you will notice that the text changes to Hide Popup Hints, in case you change your mind and want to disable it again:



OWASP Top 10

- The Open Web Application Security Project (OWASP) is a community dedicated to helping people and organizations with application security topics. If you'll be working as an AppSec expert, then OWASP should be your bible; they have plenty of help sections that will make your life much easier. Just follow their guidelines and tutorials at <http://www.owasp.org>.

- The OWASP community defined the Top 10 vulnerabilities related to web applications. As for Mutillidae, it dedicated a menu to these vulnerabilities. On the left menu, you will see the OWASP items organized by year (the latest is the OWASP Top 10 for 2017; see the following screenshot). OWASP always keeps this list updated with the latest web vulnerabilities:





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Technologies and Tools:

The course will include following:

- Xampp application
- OWASP Mutillidae
- MYSQL Database
- Apache Server
- WordPress
- Web Analytics

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An Autonomus Institute approved by VTU, UGC & AICTE

Dept. of Computer Science & Engineering

[IoT, CyberSecurity including Blockchain Technology]

HANDS-ON WORKSHOP

ON

“WEB PENETRATION TESTING USING OWASP
MUTILLIDAE AND BURP SUITE”



23 July,
2024

Dr. Bejoy B J
Professor
Christ University
Resource Person

09.00
AM

PRINCIPAL

DR. R.BALAKRISHNA

VENUE

DR. A .P.J.ABDULKAMAL HALL

VICE PRINCIPAL

DR.J.AMUTHARAJ

RECTOR

DR.A.K.MARIAPPAN

HOD

DR. SHASHIDHAR V

FACULTY
COORDINATOR

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Dr. Balakrishna R-Principal, Dr. Dr. Shashidhar V-HoD, Prof. Smitha M S-Assistant Professor giving small token of appreciation Dr. Bejoy B J, Professor, Dept. of CSE, Christ University



Mr. Sunag-4th Semester student giving welcome address on One Day Hands-on workshop on “Cybersecurity- Web Penetration Testing Using OWASP Mutillidae and Burp Suite”

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(b)



(c)

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(d)



(e)

(a), (b), (c), (d), (e) Dr. Bejoy B J-Resource Person from Christ University taking the section

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(f)



(g)

(f) & (g) Workshop group photo with Dr. Bejoy B J, HoD, Faculty members & Students

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