COMPUTER DEPARTMENT

Internship Log book
Academic year: 2021 to 2022
Sem-II

Institute Vision

- To strive for excellence by providing quality technical education.

Institute Mission

1. To educate students with strong fundamentals by providing conducive environment.

2. To inculcate research with creativity & innovation.

3. To promote industry-institute collaboration & prepare students for life long learning in context of technological change.

4. To strengthen leadership, team-work, professional & communication skills and ethical standards

Department Vision

- To produce competent computer professionals having strong fundamental knowledge, technical skills and work ethics.

Department Mission

1. To promote growth of an individual by imparting comprehensive/ prerequisite knowledge using latest tools and technologies.

2. To inculcate professionalism, social awareness and to promote creativity, research aptitude by mentoring the students.

3. To establish industry institute interaction to enable student to cater to ever changing industry demands and to nurture entrepreneurial qualities.

4. To provide state-of-the-art environment and opportunities for soft skills and professional skills.

Table of Content

Sr. No	Content

Internship Student Details

Roll No: TACO19108

Name of the Student: Ojus P. Jaiswal

Contact No: 7030569559

Name of the Internal Guide: Mrs. Nalini Jagtap

Name of the Company: TALAKUNCHI Networks Pvt. Ltd.

Address of the Company: 9th floor, 901, Quantum Tower Kalpataru Plazam, Chincholi Bunder Rd, Nadiyawala Colony 2, Malad West, Mumbai, Maharashtra 400064

Name of the External Guide: Mrs. Poojitha Nandimandalam

Duration of Internship: 2 Months

Mrs. Nalini Jagtap	**Mrs. Nalini Jagtap**
Name & sign of the Internal Guide	**Internship Coordinator**

Dr. D. Y. Patil Pratishthan's

DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT & RESEARCH

Approved by A.I.C.T.E, New Delhi , Maharashtra State Government, Affiliated to Savitribai Phule Pune University

Sector No. 29, PCNTDA , Nigidi Pradhikaran, Akurdi, Pune 411044. Phone: 020–27654470, Fax: 020-27656566
Website : www.dypiemr.ac.in Email : principal@dypiemr.ac.in

Schedule

Sr. No.	Activities to be carried out
1	Selection of Industry for Internship
3	Acknowledgement Letter/Offer Letter from Industry
4	Acknowledgement from Students
5	Week-I submission Report
6	Week-II submission Report
7	Review-I
8	Week-III submission Report
9	Week-IV submission Report
10	Review-II
11	Report submission
12	Final Presentation
13	Certificate of Internship from Industry
14	Completion Certificate from College

(Note: Submit Report for Each Week(E.g. 6 week-6 reports)
to your respective Internal Guide)

Review – I

Rubrics

	Excellent (4)	Good (3)	Satisfactory (2)	Need improvement (1)
First review Timeline **Score:**	Complete Internship work is done	Half of the Internship is done	Little part of Internship done	Not done
Explanation **Score:**	Explanation is detailed and clear	Explanation is clear	Explanation is a little difficult to understand	Explanation is difficult
Content **Score:**	Subject area mastery is demonstrated	Subject understanding is demonstrated	Basic understanding of subject is not met	Lack of understanding of project area
Presentation **Score:**	Information is presented with knowledge and creativity	Information is presented with acceptable knowledge and creativity	Information is presented with limited knowledge and minimal creativity	Information is unclear or lacking and is presented with little creativity
Amount of information **Score:**	All topics are addressed and all questions answered	All topics are addressed and most questions answered	All topics are addressed and few question answered	All topics not addressed and less questions answered

Overall Score:

COMPUTER DEPARTMENT   DYPIEMR

REVIEW – I

Date:

1. **Submission of Offer/Acknowledge Letter from Industry:**

2. **Submission of Weekly Reports(Two Weeks):**

3. **Submission of one page report for Review-I:**

4. **Comments to improve:**

Mrs. Nalini Jagtap

Internal Guide

Mrs. Nalini Jagtap   **Mrs. P.P.Shevatekar**

Internship Coordinators   **HOD Computer**

Review – II

Rubrics

	Excellent (4)	**Good (3)**	**Satisfactory (2)**	**Need improvement (1)**
Internship work **Score:**	Complete Internship work is done	Half of the Internship is done	Little part of Internship done	Not done
Explanation **Score:**	Explanation is detailed and clear	Explanation is clear	Explanation is a little difficult to understand	Explanation is difficult
Content **Score:**	Subject area mastery is demonstrated	Subject understanding is demonstrated	Basic understanding of subject is not met	Lack of understanding of project area
Presentation **Score:**	Information is presented with knowledge and creativity	Information is presented with acceptable knowledge and creativity	Information is presented with limited knowledge and minimal creativity	Information is unclear or lacking and is presented with little creativity
Amount of information **Score:**	All topics are addressed and all questions answered	All topics are addressed and most questions answered	All topics are addressed and few question answered	All topics not addressed and less questions answered

Overall Score:

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REVIEW – II

Date:

1. **Submission of Weekly Reports(3rd,4th Week):**
2. **Submission of one page report for Review-II:**
3. **Presentation Done (Yes/No):**
4. **Submission of Final Detailed Report**
5. **Completion of Log Book:**

Mrs. Nalini Jagtap

Internal Guide

Mrs. Nalini Jagtap   **Mrs. P.P.Shevatekar**

Internship Coordinators   **HOD Computer**

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Log Entries

S.No.	Date	Discussion	Student sign	Guide sign
1	10 January, 2022 to 16 January, 2022	I attended orientation session and got the access of Learning Management System (LMS). For first two weeks we have to attend sessions on LMS for basic understanding of our domain. On the first week, I completed sessions on introduction to Ethical Hacking in which we were told about its definition, importance in digital world, and the job opportunities.		
2	17 January, 2022 to 23 January, 2022	n second week, I completed sessions on Kali Linux and Linux Commands in which we were taught about how to download and install Kali Linux on our systems. Then we were taught why we use Kali Linux for ethical hacking and the commands that will come handy while using it. These commands are used in shell which helps us use OS without using GUI. Shell commands are very powerful and can be used to do tedious task very easily.		
3	24 January, 2022 to 30 January, 2022	In third week, we were given project no. 1 i.e., Authentication Bypass. In this project we have to use SQL injection for logging in to sites with any username and passwords. This is used for testing if website is vulnerable to SQL Injections.		
4	31 January, 2022 to 6 February, 2022	In fourth week, we were given project no. 2 i.e., Scanning using OWASP ZAP. In this project we have to use OWASP ZAP tool which automates the process of finding vulnerabilities in website. In this tool we have to just give URL of website and the tool will automatically test for various vulnerabilities. Then it gives us detailed report of tests done and vulnerabilities found.		
5	7 February, 2022 to 13 February, 2022	In fifth week, we were given project no. 3 i.e., Scanning for Open ports and attacking them. In this project we have to use Nmap scanning for checking open ports and Rapid7 for exploiting open ports.		

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6	14 February, 2022 to 20 February, 2022	In sixth week, we were given project no. 4 i.e., System Hacking. In this project we have to use tools like Hydra, Auxiliary Module, NSE Scripts, John the Ripper and Crunch. These tools can be used for brute forcing activities which will give us access to system. Once we gain access, we can use data present in system for our own benefits. That's why testing system is important as these vulnerabilities might be present and can be exploited.		
7	21 February, 2022 to 27 February, 2022	In seventh week, we were given project no. 5 i.e., Exploiting Server Vulnerabilities. In this project we have to use tools and commands like SMTP Open Relay, Zone Transfer, NetBIOS Enumeration, Wireshark and DOS Attack. These tools can be used for brute forcing activities which will give us access to server, sniffing traffic and denying access to server. Once we gain access, we can use data present in system for our own benefits. That's why testing server is important as these vulnerabilities might be present and can be exploited and it is also possible to deny access to user.		
8	28 February, 2022 to 10 March, 2022	In the last ten days of internship, we were given time for submitting our projects that we have completed in previous 5 weeks. We were given recordings of sessions that was conducted during each week for live execution of projects. Doubt sessions were also held for our convenience. After successful submission, we were awarded certificate of participation, project completion and internship completion.		

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Acknowledgement Letter/Offer Letter from Industry

CERTIFICATE
OF PROJECT COMPLETION

TALAKUNCHI

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Ojus P. Jaiswal

has successfully undergone Industrial Program on Cyber Security.
from Talakunchi from 20th Nov, 2021 to 20th Jan, 2022 and
successfully completed the projects on
- Authentication Bypass
- Scanning using OWASP ZAP
- Scanning for Open ports and Attacking them
Under the guidance of the mentor and company representative

27-Jan-2022

DATE

Poojitha N

1stop
Keep Growing

PROJECT HEAD

TN-2201000125

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Certificate of Internship