

**T.E. [Computer Engg.]**

# **INTERNSHIP DIARY**

**A.Y. 2024-2025 [SEM-II]**



Sinhgad Technical Education Society's  
RMD SINHGAD TECHNICAL INSTITUTES CAMPUS  
**RMD SINHGAD SCHOOL OF ENGINEERING**

Approved by AICTE, New Delhi, Recognized by Government of Maharashtra, affiliated by S.P. Pune University



Sinhgad Institutes

**INTERNSHIP DIARY**

DEPARTMENT OF COMPUTER ENGINEERING

Bachelor of Engineering [Computer Engg.]

Name of Company:

Address

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Name of Guide: \_\_\_\_\_

Name of Company Guide: \_\_\_\_\_

**A.Y.2024-2025**

**SCHEDULE FOR INTERNSHIP WORK****[A.Y.2024-2025(Semester- II)]**

Sr.No.	Name of Activity	Date of Schedule
1	Allocation of Guides & Internship Allocation with Company details	
2	Submission of Internship report (As Per SPPU schedule Date)	
3	Final Internship Presentation (As Per SPPU schedule Date)	

## **DETAILS OF INTERNSHIP**

**A.Y.2024-2025**

<b>Roll No.</b>	<b>University Exam. Seat No.</b>	<b>Name of the Student</b>	<b>Mobile Nos.</b>

**Guide Remark & Approval:**

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***Name & Signature of Guide:***

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**T.E. INTERSHIP REGISTRATION FORM**

To,  
The HOD,  
Dept.of Computer Engg.  
RMDSSOE,Pune.

**Subject:-Registration Internship for TE-Computer Engg.**

Respected Sir/Madam,

I am the students of T.E. Computer Engineering. A.Y.2024-2025 request you to register our Internship topic for SPPU, Pune.

Roll No.	Name of Student	Mobile No.	E-mail	Signature

**REMARKS FROM GUIDE:**

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Internship Area belongs to specialized area of **WEBSITE DESIGN & DEVELOPMENT/  
JAVA DEVELOPER/NETWORKING/CLOUD COMPUTING/PYTHON,DATA  
SCIENCE,ML,AI/AWS,UI/GOVERNMENT SECTOR//OTHER.**

Date: / /202

Name & Signature of Guide:

Internship Coordinator  
Computer Engg

H.O.D.  
Computer Engg

**Faculty of Science and Technology  
Savitribai Phule Pune University  
Maharashtra, India**



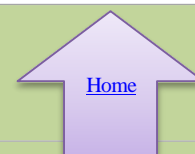
<http://unipune.ac.in>

**Curriculum  
for  
Third Year of Computer  
Engineering  
(2019 Course)  
(With effect from 2021-22)**

## Undergraduate Program–Third Year Computer Engineering(2019pattern)

Savitribai Phule Pune University														
Third Year of Computer Engineering(2019Course)														
(With effect from Academic Year 2021-22)														
Semester-VI														
Course Code	Course Name	Teaching Scheme (Hours/ week)			Examination Scheme and Marks						Credit Scheme			
		Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Term work	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
310251	<a href="#">Data Science and Big Data Analytics</a>	03	-	-	30	70	-	-	-	100	03	-	-	03
310252	<a href="#">Web Technology</a>	03	-	-	30	70	-	-	-	100	03	-	-	03
310253	<a href="#">Artificiall ntelligence</a>	03	-	-	30	70	-	-	-	100	03	-	-	03
310254	<a href="#">Elective II</a>	03	-	-	30	70	-	-	-	100	03	-	-	03
310255	<a href="#">Internship**</a>	-	**	-	-	-	100**	-	-	100	-	04**	-	04
310256	<a href="#">Data Science and Big Data Analytics Laboratory</a>	-	04	-	-	-	50	25	-	75	-	02	-	02
310257	<a href="#">Web Technology Laboratory</a>	-	02	-	-	-	25	-	25	50	-	01	-	01
310258	<a href="#">Laboratory Practice-II</a>	-	04	-	-	-	50	25	-	75	-	02	-	02
Total											12	09	-	21
Total		12	10	-	120	280	225	50	25	700	12	05	-	21
310259	<a href="#">AuditCourse6</a>													Grade
ElectiveI					AuditCourse6									
<ul style="list-style-type: none"><li><a href="#">Information Security</a></li><li><a href="#">Augmented and Virtual Reality</a></li><li><a href="#">Cloud Computing</a></li><li><a href="#">Software Modeling and Architectures</a></li></ul>					<ul style="list-style-type: none"><li>Digital and Social Media Marketing</li><li>Sustainable Energy Systems</li><li>Leadership and Personality Development</li><li>Foreign Language</li><li>MOOC-Learn New Skills</li></ul>									
Laboratory Practice II:														
Assignments from Artificial Intelligence and Elective II.														
** Internship:														
Internship guidelines are provided in course curriculum sheet.														

**Savitribai Phule Pune University**  
**Third Year of Computer Engineering (2019 Course)**  
**310255: Internship\*\***



**Teaching Scheme:**  
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**Credit: 04**

**Examination Scheme:**  
**Term work: 100 Marks**

**Course Objectives:**

Internship provides an excellent opportunity to learner to see how the conceptual aspects learned in classes are integrated into the practical world. Industry/on project experience provides much more professional experience as value addition to classroom teaching.

- To encourage and provide opportunities for students to get professional/personal experience through internships.
- To learn and understand real life/industrial situations.
- To get familiar with various tools and technologies used in industries and their applications.
- To nurture professional and societal ethics.
- To create awareness of social, economic and administrative considerations in the working environment of industry organizations.

**Course Outcomes:**

On completion of the course, learners should be able to

**CO1:** To demonstrate professional competence through industry internship.

**CO2:** To apply knowledge gained through internships to complete academic activities in a professional manner.

**CO3:** To choose appropriate technology and tools to solve given problem.

**CO4:** To demonstrate abilities of a responsible professional and use ethical practices in day to day life.

**CO5:** Creating network and social circle, and developing relationships with industry people.

**CO6:** To analyze various career opportunities and decide carrier goals.

**\*\* Guidelines:**

Internships are educational and career development opportunities, providing practical experience in a field or discipline. Internships are far more important as the employers are looking for employees who are properly skilled and having awareness about industry environment, practices and culture. Internship is structured, short-term, supervised training often focused around particular tasks or projects with defined time scales.

Core objective is to expose technical students to the industrial environment, which cannot be simulated/experienced in the classroom and hence creating competent professionals in the industry and to understand the social, economic and administrative considerations that influence the working environment of industrial organizations.

Engineering internships are intended to provide students with an opportunity to apply conceptual knowledge from academics to the realities of the field work/training. The following guidelines are proposed to give academic credit for the internship undergone as a part of the Third Year Engineering curriculum.

**Duration:**

Internship is to be completed after semester 5 and before commencement of semester 6 of at least 4 to 6 weeks; and it is to be assessed and evaluated in semester 6.

**Internship work Identification:**

Student may choose to undergo Internship at Industry/Govt. Organizations/NGO/MSME/Rural Internship/ Innovation/IPR/Entrepreneurship. Student may choose either to work on innovation or entrepreneurial activities resulting in start-up or undergo internship with



industry/NGO's/Government organizations/Micro/Small/ Medium enterprises to make themselves ready for the industry [1].

Students must register at Internshala [2]. Students must get Internship proposals sanctioned from college authority well in advance. Internship work identification process should be initiated in the Vth semester in coordination with training and placement cell/ industry institute cell/ internship cell. This will help students to start their internship work on time. Also, it will allow students to work in vacation period after their Vth semester examination and before academic schedule of semester VI. Student can take internship work in the form of the following but not limited to:

Working for consultancy/ research project,

Contribution in Incubation/ Innovation/ Entrepreneurship Cell/ Institutional Innovation Council/ startups cells of institute /

Learning at Departmental Lab/Tinkering Lab/ Institutional workshop,

Development of new product/ Business Plan/ registration of start-up,

Industry / Government Organization Internship,

Internship through Internshala,

In-house product development, intercollegiate, inter department research internship under research lab/group, micro/small/medium enterprise/online internship,

Research internship under professors, IISC, IIT's, Research organizations,

NGOs or Social Internships, rural internship,

Participate in open source development.

### **Internship Diary/ Internship Workbook:**

Students must maintain Internship Diary/ Internship Workbook. The main purpose of maintaining diary/workbook is to cultivate the habit of documenting. The students should record in the daily training diary the day-to-day account of the observations, impressions, information gathered and suggestions given, if any. The training diary/workbook should be signed every day by the supervisor. Internship Diary/workbook and Internship Report should be submitted by the students along with attendance record and an evaluation sheet duly signed and stamped by the industry to the Institute immediately after the completion of the training.

### **Internship Work Evaluation:**

Every student is required to prepare a maintain documentary proofs of the activities done by him as internship diary or as workbook. The evaluation of these activities will be done by Programme Head/Cell In-charge/ Project Head/ faculty mentor or Industry Supervisor based on- Overall compilation of internship activities, sub-activities, the level of achievement expected, evidence needed to assign the points and the duration for certain activities.

Assessment and Evaluation is to be done in consultation with internship supervisor (Internal and External – a supervisor from place of internship).

### **Recommended evaluation parameters-Post Internship Internal Evaluation -50 Marks + Internship Diary/Workbook and Internship Report - 50 Marks**

### **Evaluation through Seminar Presentation/Viva-Voce at the Institute-**

The student will give a seminar based on his training report, before an expert committee constituted by the concerned department as per norms of the institute. The evaluation will be based on the following criteria:

Depth of knowledge and skills: Communication and Presentation Skills

Team Work

Creativity

Planning and Organizational skills

Adaptability

Analytical Skills

Attitude and Behavior at work

Societal Understanding

Ethics

Regularity and punctuality

Attendance record

Diary/Work book

Student's Feedback from External Internship Supervisor

After completion of Internship, the student should prepare a comprehensive report to indicate what he has observed and learnt in the training period.

Internship Diary/workbook may be evaluated on the basis of the following criteria:

Proper and timely documented entries

Adequacy & quality of information recorded

Data recorded

Thought process and recording techniques used

Organization of the information

The report shall be presented covering following recommended fields but limited to,

Title/Cover Page

Internship completion certificate

Internship Place Details- Company background-organization and activities/Scope and object of the study / Supervisor details

Index/Table of Contents

Introduction

Title/Problem statement/objectives

Motivation/Scope and rationale of the study

Methodological details

Results / Analysis /inferences and conclusion

Suggestions / Recommendations for improvement to industry, if any

Attendance Record

Acknowledgement

List of reference (Library books, magazines and other sources)

### **Feedback from internship supervisor(External and Internal)**

Post internship, faculty coordinator should collect feedback about student with following recommended parameters-

Technical knowledge, Discipline, Punctuality, Commitment, Willingness to do the work, Communication skill, individual work, Team work, Leadership.....

Reference:

[1] <https://www.aicte-india.org/sites/default/files/AICTE%20Internship%20Policy.pdf>

[2] <https://internship.aicte-india.org/>

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**Signature of Guide:**

**Rough Sketches/Calculations**

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