

A

Seminar and Technical Communication

310249

(2019 Pattern)
(Guidelines and Log Book)

Submitted to Savitribai Phule Pune University, Pune for the partial fulfillment of Bachelor of Engineering (UG) Degree in Computer Engineering

Third Year Computer Engineering

Academic Year : 2025-2026

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**Seminar Title : Understanding security risk of website Using cloud
Using cloud storage for direct user file Upload.**

Seminar Guide : Prof. S. C. Waje

Area of the Seminar : Cybersecurity



**Department of Computer Engineering
Pune Vidyarthi Griha's**

**College of Engineering & Shrikrushna S.
Dhamankar Institute of Management, Nashik**

Affiliated to
Savitribai Phule Pune University, Pune

General Instructions

1. Students should enter the correct information in the workbook.
2. Get all entries verified by the respective seminar guide. No changes are to be made without the seminar guide's permission.
3. Students should report to the irrespective guides as per the schedule and the visit log is to be maintained in the work book.
4. Follow all deadlines and submit all documents strictly as per prescribed formats.
5. The workbook should be produced at the time of all discussions and presentations.
6. The work book must be submitted to the Seminar coordinator after successful examination.
7. All documents and reports are to be prepared in Latex only (All the formats specifications provided adheres to MS Word but consequently applicable to final seminar report published using Latex)
8. Submit hard as well as soft copy as per guidelines

Prologue

Seminar is the first formal curricular activity at the UG level, where students are supposed to exhibit their skills and knowledge by undertaking the study of the chosen topics. For standardization in the process of Seminar conduction, an effort to provide comprehensive and meticulous guidelines helping the learners to perform with respect to certain processes and evaluation criteria.

The logbook will surely help the learner from the very first step of topic selection to the final seminar delivery. Proper recording of the activities necessarily maintains the track of progress of the learner along with neat and clear planning helping to proceed on the right path and proper documents preparation. As per the individual learner's domain interest the selected topic can be explored with determined perspective and definite methodology helping the learner to develop scientific and methodical approach in the study. In the course of the topic exploration various skills are built, directly and indirectly contributing to the development of learners.

The documentation provided in the form of the logbook will help to standardize the process with phenomenal transparency in evaluation guidelines, giving fair ideas to learner and evaluator, minimizing the possibility of error. The documented logbook will hopefully answer even the slightest queries that may arise during the whole process of the activity conduction during the semester. So, it is our joint responsibility to stick to the basics to help the learner in character building not solely aiming at the grade in performance but aiming at all-round development in this regard.



Institute

Vision

To achieve excellence in engineering education with focus on technical skills.

Mission

1. To achieve high standards of excellence in generating and propagating knowledge in engineering.
2. To impart knowledge and skill based affordable education to all classes of the society.
3. To fulfill expectations of the stakeholders by equipping students with state-of-the-art technological resources.
4. To provide an ecosystem for nurturing the spirit of entrepreneurship among students.

Department of Computer

Vision

To develop engineers with adequate knowledge for employability.

Mission

1. To promote project ideas suitable for all mankind for the betterment of society.
2. To develop engineers having great human ethics.
3. To encourage the engineers for entrepreneurship.
4. To adopt innovative teaching mechanism.
5. To promote the students for advanced studies for betterment towards the competitive world.
6. To put emphasis on technical excellence with affordable education.



Program Educational Objectives (PEOs)

PEO 1 | Possess strong fundamental concepts in mathematics, science, engineering and Technology to address technological challenges.

PEO 2 | Possess an attitude and aptitude for research, entrepreneurship and higher studies in the field of Computer Science and Information Technology.

PEO 3 | Have commitment to ethical practices, societal contributions through communities and life-long learning.

PEO 4 | Possess better communication, presentation, time management and teamwork skills leading to responsible & competent professionals and will be able to address challenges in the field of IT at global level.

Program Outcomes (POs)

PO 1 | Engineering Knowledge: An ability to apply knowledge of mathematics, computing, science, engineering and technology.

PO 2 | Problem Analysis: An ability to define a problem and provide a systematic solution with the help of conducting experiments, analyzing the problem and interpreting the data.

PO 3 | Design / Development of Solutions: An ability to design, implement, and evaluate a software or a software/hardware system, component, or process to meet desired needs within realistic constraints.

PO 4 | Conduct Investigations of Complex Problems: An ability to identify, formulates, and provides systematic solutions to complex engineering/Technology problems.

PO 5 | Modern Tool Usage: An ability to use the techniques, skills, and modern engineering technology tools, standard processes necessary for practice as a IT professional.

PO 6 | The Engineer and Society: An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems with necessary constraints and assumptions.

PO 7 | Environment and Sustainability: An ability to analyze and provide solution for the local and global impact of information technology on individuals, organizations and society.

PO 8 | Ethics: An ability to understand professional, ethical, legal, security and social issues and responsibilities.

PO 9 | Individual and Team Work: An ability to function effectively as an individual or as a team member to accomplish a desired goal(s).

PO 10 | Communication: An ability to engage in life-long learning and continuing professional development to cope up with fast changes in the technologies/tools with the help of electives, professional organizations and extra-curricular activities.

PO 11 | Project Management and Finance: An ability to communicate effectively in engineering community at large by means of effective presentations, report writing, paper publications, demonstrations.

PO 12 | Life - Long Learning: An ability to understand engineering, management, financial aspects, performance, optimizations and time complexity necessary for professional practice.

Program Specific Outcomes (PSOs)

PSO 1 | Professional Skills: The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying complexities.

PSO 2 | Problem Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

PSO 3 | Successful Career and Entrepreneurship: The ability to employ modern computer languages, environments, and platforms in creating innovative career paths to be an entrepreneur, and a zest for higher studies.

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1. About Seminar

The word *seminar* is derived from the Latin word *seminarium*, meaning "seed plot". It refers to a course of intense study relating to the student's major intended for the improvement of technical knowledge of the student. The ability to articulate ideas is an important life skill which will be required outside the academic world in the world of work, for interviews, consulting experts, getting and understanding advice and giving work presentations etc. Seminars give practice in these general skills and help students to develop confidence. It is an important way of learning - by discussing and questioning issues, students can clarify their own ideas and also learn from each other.

Keeping this in mind each student of Third Year Computer Engineering has to deliver the seminar under the head "SEMINAR AND TECHNICAL COMMUNICATION" that is a Term Work of 50 marks in Fifth semester.

As per the individual learner's domain interest the selected topic can be explored with determined perspective and definite methodology helping the learner to develop scientific and methodical approach in the study. In the course of the topic exploration various skills are built, directly and indirectly contributing to the development of learners.

To aid both student and faculty this booklet provides the guidelines for preparation of topic, report, presentation, evaluation.

a. Objectives and Outcomes

Objectives -

- To explore the basic principles of communication (verbal and non-verbal) and active, empathetic listening, speaking and writing techniques
- To explore the latest technologies
- To enhance the communication skills
- To develop problem analysis skills

Outcomes-

On completion of the course, learners will be able to

- Analyze a latest topic of professional interest
- Enhance technical writing skills
- Identify an engineering problem, analyze it and propose a work plan to solve it
- Communicate with professional technical presentation skills.

b. Guidelines for selection of Seminar Topic

- Each student will select a topic in the area of Computer Engineering and Technology preferably keeping track with recent technological trends and development beyond scope of syllabus avoiding repetition in consecutive years.
- The topic must be selected in consultation with the Institute guide.
- Each student will make a seminar presentation using audio/visual aids for duration of 20-25 minutes and submit the seminar report prepared in Latex only.
- Active participation at classmate seminars is essential.
- Softcopy (CD) must include a copy of synopsis, report, PPT, reference material and related.

c. Recommended Guidelines for Evaluation

Panel of staff members along with a guide would be assessing the seminar work based on these parameters-

- Topic
- Contents and Presentation
- regularity, Punctuality and Timely Completion
- Question and Answers
- Report, Paper Presentation/Publication
- Attendance and Active Participation.

(Kindly note that these guidelines provided for selection, evaluation, presentation and documentation are recommended to follow. However it is suggested to refer the guidelines prescribed in respective course of syllabus by SPPU)

2. Review and Visit Log

Sr. No.	Date	Details of Discussion/Remark	Signature of Guide / Seminar In charge
1.		Topic Finalization	
2.		Preparing draft of proposal of seminar	
3.		Submission of Proposal	
4.		Preparing for presentation	
5.		Review-I	
6.		Preparing for presentation	
7.		Review-II	
8.		Seminar Report through draft Preparation	
9.		Seminar Report finalization	
10.		Seminar Report submission	

3. Seminar Evaluation Sheet (Review -I)

Table 1.1 Evaluation Sheet

Sr. No.	Contents and Presentation <u>(Table 1.2)</u>	Punctuality and Timely Completion (following deadline)	Seminar Report	Attendance and Active participation	Question and Answers	Paper Publication and Participation at Conference (Bonus)	Total
	25	05	10	05	05	05	50
1.							
	#To be filled by guide/authorities						
	Whether the seminar is delivered as per schedule (yes/ no) : (If no, mention the reason)						

Table 1.2 Contents and Presentation

Verbal Skill	Confidence	Eye Contact	Contents	Timely Completion	Total
5	5	5	5	5	25

Name and Signature of Evaluation Committee:

- 1.
- 2.

Signature of Guide

Prof S. C. Waje

Seminar Co-Ordinator

Prof. S. V. Somvanshi

H.O.D.

Prof. J. Y. Kapadnis

Seminar Evaluation Sheet (Internal)

Table 1.1 Evaluation Sheet

Sr. No.	Contents and Presentation (<u>Table 1.2</u>)	Punctuality and Timely Completion (following deadline)	Seminar Report	Attendance and Active participation	Question and Answers	Paper Publication and Participation at Conference (Bonus)	Total
	25	05	10	05	05	05	50
1.							
	#To be filled by guide/authorities						
	Whether the seminar is delivered as per schedule(yes/ no): (If no, mention the reason)						

Table 1.2 Contents and Presentation

Verbal Skill	Confidence	Eye Contact	Contents	Timely Completion	Total
5	5	5	5	5	25

Name and Signature of Evaluation Committee:

1.

2.

Signature of Guide

Prof. S. C Waie

Seminar Co-Ordinator

Prof. S. V. Somvanshi

H.O.D.

Prof. J. Y. Kapadnis

4. Paper Publication/ Participation at Conference

Sr. No.	Name of Organizer	Date	Certificates/Prizes won if any
1.			
2.			
3.			
4.			

5. Rubrics

A) Contents and Presentation

(Grade Point) Grade Parameter	Excellent (10-9)	Very Good (6-8)	Fair (3-5)	Poor(1-2)
Slide Preparation				
Verbal Skills				
Confidence				
Eye Contact				
Contents				

B) Overall performance

Grade (Grade Point) Parameter	Excellent (10-9)	Very Good (6-8)	Fair (3-5)	Poor (1-2)
Punctuality and Timely Completion				
Question and Answers				
Attendance and Active Participation				
Seminar Report				
Paper publication & presentation				

Annexure ii: Format for Seminar Report

Each student is required to write a comprehensive report about the seminar. The report should be in the format as described below. It is important that you adhere to these guidelines

A. Seminar report should be arranged as

1. Title Page with Title of the topic, Name of the candidate with Exam Seat Number / Roll Number, Name of the Guide, Name of the Department, Institution and Year and University
2. Seminar Approval Sheet/Certificate,
3. Abstract and Keywords
4. Acknowledgements
5. Table of Contents, List of Figures, List of Tables and Nomenclature Chapters Covering topic of discussion- Introduction with section including organization of the report, Literature Survey/Details of design/technology/Analytical and/or experimental work, if any/,Discussions and Conclusions ,Bibliography/References.
6. Plagiarism Check report.
7. Report Documentation page

B. Preparation Format

- 1) **Report Size:** Limit your seminar report to preferably 25-40 pages.
- 2) **Footer:** The footer “Department of Computer Engineering, PVG’s COE & SSDIOM, Nashik” should be included. It should be TIMES NEW ROMAN 10 pt. and right justified.
- 3) **Header:** The header “Seminar Title” centered and page numbers on right should be included.
- 4) **Start numbering from Introduction.**
- 5) **Paper Size:** A-4 size bond paper
- 6) **Margins : Mirrored**
 1. **Top** : 1inch
 2. **Bottom** : 1 inch
 3. **Inside** : 1.25 inch
 4. **Outside** : 1 inch
- 7) **Line Spacing:** 1.5 lines
- 8) **Title of Chapter**
 - i. **Font** : *Arial(Boldface, capital)*
 - ii. **Size** : 16 point **Alignment** :centered
- 9) **All Topics Headings**
 - i. **First Order Heading** : (for example-**1.INTRODUCTION**)
 1. **Font** : Times New Roman(Bold Face)
 2. **Size** : 14 point
 - ii. **Second Order Heading:** (for example-**1.1.Evolution**)
 1. **Font** : Times New Roman(Bold Face)
 2. **Size** : 12 point
 - iii. **Third Order Heading:** (for example-**1.1.1.Image Processing**)
 1. **Font** : Times New Roman(Normal Face)
 2. **Size** : 12 point
- 10) **Text:**
 - i. **Font** : Times New Roman
 - ii. **Size** : 12 point

11) Figures and Tables:

i. **Caption:**(for figures below the figure and for tables above the table)

1. **Font** :Garamond(**Bold**)
2. **Size** :11point
3. **Alignment** :Center

12) References:

i. **Book**

Author name(s),Book Title, Publisher, Copyright Year, page nos. if any.

ii. **Journal/Magazine/Periodical**

Author name(s), paper name, Journal/ Magazine/ Periodical name, issue no., page nos.

iii. **Web Resources**

Complete URL including Filename.

Seminar Report

On

Understanding the Security Risks of Website Using cloud storage for Direct User File Uploads

By

Unmesh Ravindra Patil

[]

Under the guidance of

Prof. S. C. Waje



DEPARTMENT OF COMPUTER ENGINEERING

**P.V.G.'s College of Engineering and S.S.D. Institute of
Management ,Nashik-422004**

**Savitribai Phule Pune University
[2025-2026]**

Annexure iv.: Certificate



**Pune Vidyarthi Griha's
College of Engineering & S. S. Dhamankar Institute of
Management, Nashik
Department of Computer Engineering
Academic Year 2025-2026**



CERTIFICATE

This is to certify that **Unmesh Ravindra Patil PRN : 72331665B** from **Third Year Computer Engineering** has successfully completed his seminar work titled "**Understanding the Security Risks of Websites Using Cloud Storage for Direct User File Uploads**" at P.V.G.s College of Engineering and S.S.D. Institute of Management, Nashik in the partial fulfillment of the Bachelors Degree in Engineering.

Prof. S. C. Waje
Guide

Prof. S. V. Somvanshi
Seminar Coordinator

Prof. J. Y. Kapadnis
Head of the Department

Dr. M. V. Bhalerao
Principal

Place : Nashik .
Date :

Seminar Report Documentation

Report Code:CS-TE-Seminar2025-2026	Report Number : 49			
Report Title : Understanding the Security Risks of Websites Using Cloud Storage for Direct User File Uploads				
Address (Details) : Pune Vidyarthi Griha's,College of Engineering & Shrikrushna S. Dhamankar Institute of Management, Nashik				
Name : Unmesh Ravindra Patil Address : Vasantanand apartment vir Savarkar nagar dindori road, Nashik Phone No : +91 9423709655 Email Address : punmesh56@gmail.com				
E-mail : punmesh56@gmail.com Roll : 49 Cell No : +91 9423709655				
Year : 2025-2026 Branch : Computer Engineering				
KeyWords : Cloud storage service, web security, upload credential, vulnerability detection.				
Type of Report: FINAL	Report Checked By :	Report Checked Date:	Guides Complete Name:	Total Copies
			Prof. S. C.Waje	2

Abstract :

With more websites using cloud storage to handle user-uploaded files, a new method lets users upload files directly to the cloud. This is convenient but introduces new security risks because it involves users, websites, and cloud services working together. Researchers studied this setup and found six new types of security issues. They checked the top 500 websites and found that 182 (36.4%) use cloud storage. Then they looked closely at 28 popular sites that allow file uploads—and every one of them had at least one vulnerability. In total, they discovered 79 new security problems and reported them to the affected sites. Big names like Google, Reddit, and CSDN responded positively. The study also explains why these issues happen and suggests ways to fix them. Overall, the research helps us better understand the risks of using cloud storage for websites and guides future improvements.

