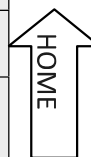


Savitribai Phule Pune University, Pune Third Year Information Technology (2019 Course) 314449 : Seminar		
Teaching Scheme:	Credit Scheme:	Examination Scheme:
Practical (PR) : 01 hrs/week	01 Credits	TW : 50 Marks
Prerequisites: 1. Project Based Learning 2. Software Engineering		
Course Objectives: Seminar should make the student attain skills like: 1. To gather the literature of specific area in a focused manner. 2. To summarize the literature to find state-of-the-art in proposed area. 3. To identify scope for future work. 4. To present the case for the intended work to be done as project. 5. To report literature review and proposed work in scientific way.		
Course Outcomes: On completion of the course, students will be able to– CO1: Understand, interpret and summarize technical literature. CO2: Demonstrate the techniques used in the paper. CO3: Distinguish the various techniques required to accomplish the task. CO4: Identify intended future work based on the technical review. CO5: Prepare and present the content through various presentation tools and techniques in effective manner. CO6: Keep audience engaged through improved interpersonal skills.		
Guidelines for Seminar Selection and Presentation		
1) Student shall identify the area or topics in Information Technology referring to recent trends and developments in consultation with industry (for their requirement) and institute guide. 2) Student must review sufficient literature (reference books, journal articles, conference papers, white papers, magazines, web resources etc.) in relevant area on their topic as decided. 3) Seminar topics should be based on recent trends and developments. Guide should approve the topic by thoughtfully observing different techniques, comparative analysis of the earlier algorithms used or specific tools used by various researchers in the domain. 4) Research articles could be referred from IEEE, ACM, Science direct, Springer, Elsevier, IETE, CSI or from freely available digital libraries like Digital Library of India (dli.ernet.in), National Science Digital Library, JRD Tata Memorial Library, citeseerx.ist.psu.edu, getcited.org, arizona.openrepository.com, Open J-Gate, Research Gate, worldwidescience.org etc. 5) Student shall present the study as individual seminars in 20 – 25 minutes in English which is followed by Question Answer session. 6) Guide should ensure that students are doing literature survey and review in proper manner. 7) Guide should give appropriate instructions for effective presentation. 8) Attendance of all other students in the class for presentation is mandatory.		



Timeline is suggested to follow throughout the semester:

- 1) **Week– 01:** Discussion to understand what is technical paper, how to search, where to search?
- 2) **Week– 02:** Download technical papers (minimum four), getting approved from Guide and Prepare abstract summary of all papers downloaded.
- 3) **Week– 03 & 04:** Read and understand in detail the decided research papers about the problem statement, techniques used, experimental details and results with conclusion from identified papers.
- 4) **Week– 05:** Review of the studied papers by Guide / Panel.
- 5) **Week – 06 & 07:** Search / Find equivalent techniques (other than the one proposed in technical paper) so performance / complexities can be improved (by amortized analysis, not actual implementation).
- 6) **Week – 08 & 09:** Prepare presentation with outline as The topic, its significance, The research problem, Studied solutions (through research papers) with strengths and weaknesses of each solution, comparison of the solutions to research problem, future directions of work, probable problem statement of project, tentative plan of project work
- 7) **Week – 10:** Write Seminar report.
- 8) **Week – 11:** Deliver Presentation to Guide/ Panel.
- 9) **Week –12:** Verification of Seminar report and Submission.

Guidelines for Seminar report

1. Each student shall submit two copies of the seminar report in appropriate text editing tool/software as per prescribed format duly signed by the guide and Head of the department/Principal.
2. Broad contents of review report (20-25 pages) shall be
 - a) 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, Year & University.
 - b) Seminar Approval Sheet/Certificate.
 - c) Abstract and Keywords.
 - d) Acknowledgments.
 - e) Table of Contents, List of Figures, List of Tables and Nomenclature.
 - f) Chapters need to cover topic of discussion-
 - i. Introduction with section including organization of the report,
 - ii. Literature Survey
 - iii. Motivation, purpose and scope and objective of seminar
 - iv. Details of design/technology/Analytical and/or experimental work, if any/
 - v. Discussions and Conclusions,
 - vi. Bibliography/References (in IEEE Format),
 - vii. Plagiarism Check report,
3. Students are expected to use open source tools for writing seminar report, citing the references and plagiarism detection.

Guidelines for Lab /TW Assessment:	
<ol style="list-style-type: none">1. A panel of reviewers constituted by seminar coordinator (where guide is one of the member of the panel) will assess the seminar during the presentation.2. Student's attendance for all seminars is advisable.3. Rubric for evaluation of seminar activity:<ol style="list-style-type: none">i. Relevance of topic - 05 Marksii. Relevance + depth of literature reviewed - 10 Marksiii. Seminar report (Technical Content) - 10 Marksiv. Seminar report (Language) - 05 Marksv. Presentation Slides - 05 Marksvi. Presentation & Communication Skills - 05 Marksvii. Question and Answers - 10 MarksTOTAL: 50 Marks	
Reference Book:	
<ol style="list-style-type: none">1. Andrea J. Rutherford, Basic Communication Skills for Technology, Pearson Education Asia, 2nd Edition.2. Lesikar, Lesikar's Basic Business Communication, Tata McGraw, ISBN: 256083274, 1st Edition.	
Text Book :	
<ol style="list-style-type: none">1. Sharon J. Gerson, Steven M. Gerson, Technical Writing: Process and Product, Pearson Education Asia, ISBN: 130981745, 4th Edition.	