



Dr. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY
POLLACHI -03

DEPARTMENT OF CIVIL ENGINEERING
Academic year 2011 – 2012 – ODD Semester
BATCH: 2008 - VII SEMESTER

Project Diary

BATCH No. :

Project Title :

Sl.No.	ROLL NUMBER	REGISTER NUMBER	STUDENT NAME
1			
2			
3			
4			

GUIDE NAME :

PROJECT REVIEW ASSESSMENT DETAILS

1. Roll No: _____ Register No.: _____ Student Name: _____

Review	Max. Marks		Date	Committee marks	Guide marks	Guide sign	Total marks	Project Co-ordinator sign
	CM	GM						
1	3	2					/5	
2	6	4					/10	
3	6	4					/10	
4	6	4					/10	
5	9	6					/15	
TOTAL							/50	

2. Roll No: _____ Register No.: _____ Student Name: _____

Review	Max. Marks		Date	Committee marks	Guide marks	Guide sign	Total marks	Project Co-ordinator sign
	CM	GM						
1	3	2					/5	
2	6	4					/10	
3	6	4					/10	
4	6	4					/10	
5	9	6					/15	
TOTAL							/50	

3. Roll No: _____ Register No.: _____ Student Name: _____

Review	Max. Marks		Date	Committee marks	Guide marks	Guide sign	Total marks	Project Co-ordinator sign
	CM	GM						
1	3	2					/5	
2	6	4					/10	
3	6	4					/10	
4	6	4					/10	
5	9	6					/15	
TOTAL							/50	

4. Roll No: _____ Register No.: _____ Student Name: _____

Review	Max. Marks		Date	Committee marks	Guide marks	Guide sign	Total marks	Project Co-ordinator sign
	CM	GM						
1	3	2					/5	
2	6	4					/10	
3	6	4					/10	
4	6	4					/10	
5	9	6					/15	
TOTAL							/50	

Signature of HOD/CIVIL _____

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GUIDELINES FOR DESIGN PROJECT – BATCH 2008 (B.E. CIVIL)

Date: 04.06.2011

OBJECTIVE

To provide opportunity for the students to demonstrate their independence, individuality and originality to plan and organize design projects within a specified time frame by way of understanding public/client requirements, applying, and implementing the techniques that students have learnt throughout the course to produce a high level design of civil engineering systems.

PROJECT SELECTION

Students are expected to come up with their own idea for a project. A wide range of topics is acceptable so long as there is substantial content. Project focus should be on ideas of designing a whole civil engineering system from start to end. The project is a means for the students to demonstrate the required level of competence in their chosen field.

Other than given in the University guidelines, the following are expected in the design project report:

1. Description and Objective of the project
2. Public/Client requirements: Either students themselves create requirements for the public facility or get the (customer) requirements and specification from client describing the needs. Identify the uncertain, difficult specifications to concentrate or to get help from experts. These requirements should answer “what is the need, who has the need and why is it important”
3. Design concepts/Ideas to meet the public/Client/Functional requirements. One of the best ways to identify the design requirements for your solution is to analyze the good example of a similar, existing product, noting each of its key features.
4. Literature review to learn from the experience of others to avoid their mistakes.
5. Implementation of concept.
6. Assessment of your design with existing/conventional solution or your own alternative solution.
7. List of deliverables (1. Master list of documents. 2. Drawings and documents)
8. The project report should include realistic constraints such as economic factors, safety, reliability, aesthetics, ethics and social impact. If the project is macro level, then atleast details of land, streets, highways, drainage, traffic volume, buildings, etc., have to be provided.
9. Estimation of the project to implement from start to finish.
10. Project Schedule from start to finish [in the form of Gantt chart or flowchart(CPM, PERT)]
11. Conclusion

ARRANGING A GUIDE

The Guide will be one of your teaching faculty members. When students have even a tentative idea of about their project, after consulting their guide, they are encouraged also to approach a suitable person outside the department who has interest and expertise in that area and having a working experience of five years in relevant field with at least M.E. Those experts may act as co-guides.

FORMING A TEAM

Students are expected to form a team of minimum three and not more than four members of similar interest to work on a project

WORKING WITH THE GUIDE

The Guide's role is to provide support and encouragement, to direct the student's attention to relevant literature, to provide technical assistance, to read and comment on the draft report and to give guidance on the standard and amount of work required. The guide is not responsible to teach any new skills and languages required for project work or for arranging any literature or equipment. The students, who are content to carry out their work largely without supervision, should keep their guide in touch with the progress of the project. The Guide cannot be counted on to give an automatic seal of approval.

PROCUREMENT OF RESOURCES FOR THE PROJECT

Students, who are in need of any special equipments/hardware/software components which is not available in the lab, can submit their requirements to the HOD through their guides in advance (or before July 15, 2011).

GENERAL RULES

1. No change of guide or team members will be permitted without explicit approval of the HOD. Head of the department is empowered to change the team members and/or guides.
2. Students must utilize the time for the project during the periods allocated for the project. 5 periods per week shall be allotted in the time table.
3. Review timings must be strictly followed
4. All students must sign in the attendance form for every review before the presentation their project work
5. All reviews should be presented by means of PPT's
6. The PPT must be presented in front of the Review committee members and guide
7. Attendance for all the project hours and reviews must be strictly followed
8. For any data collection outside the college, team must plan ahead and get approval in the prescribed form from the guide and must submit it to the project coordinator before leaving the campus.
9. Soft copy of the PPT for every review must be submitted to the project coordinator
10. Before the review starts the batches who are going to present on that day must load their PPT well before the commencement of the review
11. Project report should be completed in the stipulated time.
12. At the end of the project work, the prototype should be handed over to the department irrespective of the funding source.

ATTENDANCE DURING PROJECT HOUR

Project time shall be utilized by the students to receive the directions from the guide, for library reading, laboratory work, computer analysis or field work etc., as assigned by the guide. Absence during the review/evaluation will be treated on par with absence for CAT and will fetch zero marks for that review.

MAINTAINING PROJECT DIARY

Each team shall maintain their own project diary in the appropriate format and get approval from their guide and project coordinator for the recorded details and day-to-day activities of the project. If the diary is not submitted or submitted late to the project coordinator, attendance will not be counted for the non-maintained period.

REVIEW/EVALUATION COMMITTEE

S. No	Name	Designation	Role
1.	Dr. Ranga. Palaniswamy	Professor and Dean	Chair
2.	Dr. G. Jaisankar	Professor and Head	Co - Chair
3.	Mr. N. Muthukumaran	Asst Prof (SS)/CE	Member
4.	Ms.Chandra Devi	Asst Prof (SS)/CE	Member
5.	Mrs. C. Latha	Project Coordinator, AP/CE	Convener
6.	GUIDE/CO-GUIDE		

AVOID PLAGIARISM

Plagiarism by definition is “the act of using someone else’s words and calling them your own”. It is stressed here that plagiarism may lead to failure of the project. As a practical rule plagiarism exists if a student attempts to give the impression that he or she is the originator of an idea, a text, a layout, etc., even though the originator is in fact someone else. This should be avoided in the project report/presentation. However, students are entitled to use and quote from the works of other authors provided they give due credit to those works and authors.

PRESENTATION DURING REVIEW/EVALUATION

The purpose of presentation is to train the students in making a professional oral presentation of the work done by them. It is desirable that all the faculty members are present for the review/evaluations as this will be an opportunity for the students to get the ideas/concepts/guidance from all the faculty members.

During the appropriate project review, with the presentation slides, the students must be able to:

- explain the importance of the chosen design project in relation to the programme, such as to clarify the public/client/project requirements, social issues etc and overall time plan. (REVIEW 1 - 05.07.2011)
- describe and explain the client requirements, design ideas and project specifications with time schedule for the proposed project (REVIEW 2 - 26.07.2011 & 27.07.2011)
- Present literature review done for the project. Describe and produce design requirements to implement ideas. Produce the progress of the project. (REVIEW 3 - Date: 23.08.2011 & 24.08.2011)
- Present the status of design project carried out and list the identified deliverables with respect to your design and design methods. (REVIEW 4 – Date: 27.09.2011 & 28.09.2011)
- Integrate all the implementation into final design project and submit as design project report including all the prepared deliverables. (REVIEW 5 - Date: 25.10.2011 & 26.10.2011)

The presentation should indicate the progress of the work in the following format:

Section 1: one slide for Title of the project, Team ID, Students’ name, Guide name, stats of previous reviews, current review no. and review period.

Section 2: Preferably one or two slides for work completed till previous review

Section 3: Five to ten slides for work completed during the period of review.

Section 4: One or two slides for future plan for the forthcoming review.

Section 5: References

(All slides should contain the date of presentation and review number in the footer)

Students are encouraged to present their project work during the seminar/association meetings arranged by Beavers, the association of civil engineers, MCET.

PREPARATION OF PROJECT REPORT

The main purpose of the report is to explain by students what they have done in the project. The reader should be able to see clearly what the students have planned and what they have

achieved in the project. Project report should describe the problem and explain how it has been tackled by the students. It should also include students own assessment of “how successful the project was” and “how it could have been improved”.

The project report is to be prepared as per the guidelines/format/standards given by the Anna University at the time of submission.

SUBMISSION OF PROJECT REPORT

Three copies of the project report have to be submitted (one for MCET central library, one for the department library and the third for the guide. If there are more than one guide, extra copies are to be submitted.) along with a softcopy in PDF format. The certificate should consist of names and roll numbers of all members of the team in the above three copies.

Format/standards issued by the University at the time of submission are to be followed.

PROJECT ASSESSMENT

The basic purpose is to assess the competencies of the students with regard to their project work; more specifically, to assess the student’s individual contribution to the project, to establish the level of understanding of project and to ensure that the student has good understanding in design and development decisions taken in the course of the project. The assessment of the project will be undertaken by the guide and the review committee. The committee shall adopt a clear and consistent pattern of asking questions from general to specific aspects of the project. The projects are to be evaluated as per the table given below for awarding internal marks in each review.

Review Number	Proposed Date	Committee Marks	Guide Marks	Based on
1st	05.07.2011	3	2	Technical competence Technical achievement Presentation Viva-voce Task done to complete the work
2nd	26.07.2011 & 27.07.2011	6	4	
3rd	23.08.2011 & 24.08.2011	6	4	
4th	27.09.2011 & 28.09.2011	6	4	
Project Report	25.10.2011 & 26.10.2011	9	6	
	TOTAL	30	20	Thus, Internal marks for the project = 50 MARKS

Then, the project work will be evaluated jointly by external examiner appointed by the Anna University of Technology, Coimbatore and approved internal examiner based on oral presentation and project report as per the University norms for **university examination (50 marks)**.

Dean/Civil

HoD/CIVIL

Softcopy of this document available in the URL

http://jaisankarg.synthasite.com/resources/MCET/CIVIL/ProjectDocuments/DesignProjectDiary_2008Batch.pdf

Dr. Mahalingam College of Engineering & Technology - Pollachi – 03
Department of Civil Engineering

Project Proposal **Date :**
(To be submitted to the Dept. Project Co-ordinator)

Title of the project :

Problem Identified and Objective:

(More details on Page No.)

Proposed Methodology :

(More details on Page No.)

Time Schedule :

(More details on Page No.)

Sl.no	Roll number	Register number	Student name	Signature with date
1				
2				
3				
4				

Acceptance of the guidance :

I, _____,
Dept of Civil Engineering, Dr. Mahalingam College of Engineering and Technology, hereby
convey my willingness to guide the students listed above and approve the above title of the
project.

Remarks by Guide:

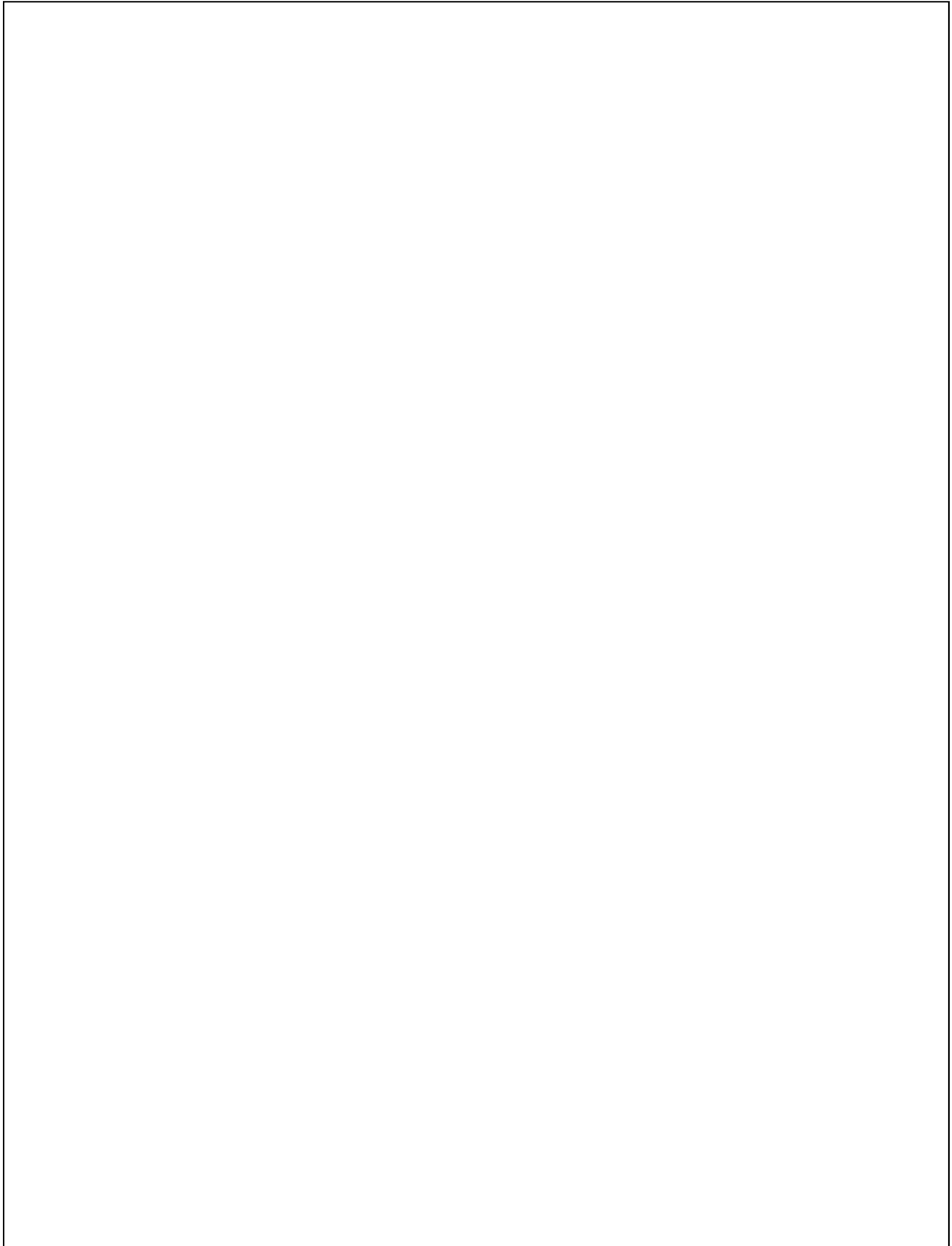
Approved
Signature of the Guide
Name :
Designation

Project Co-ordinator

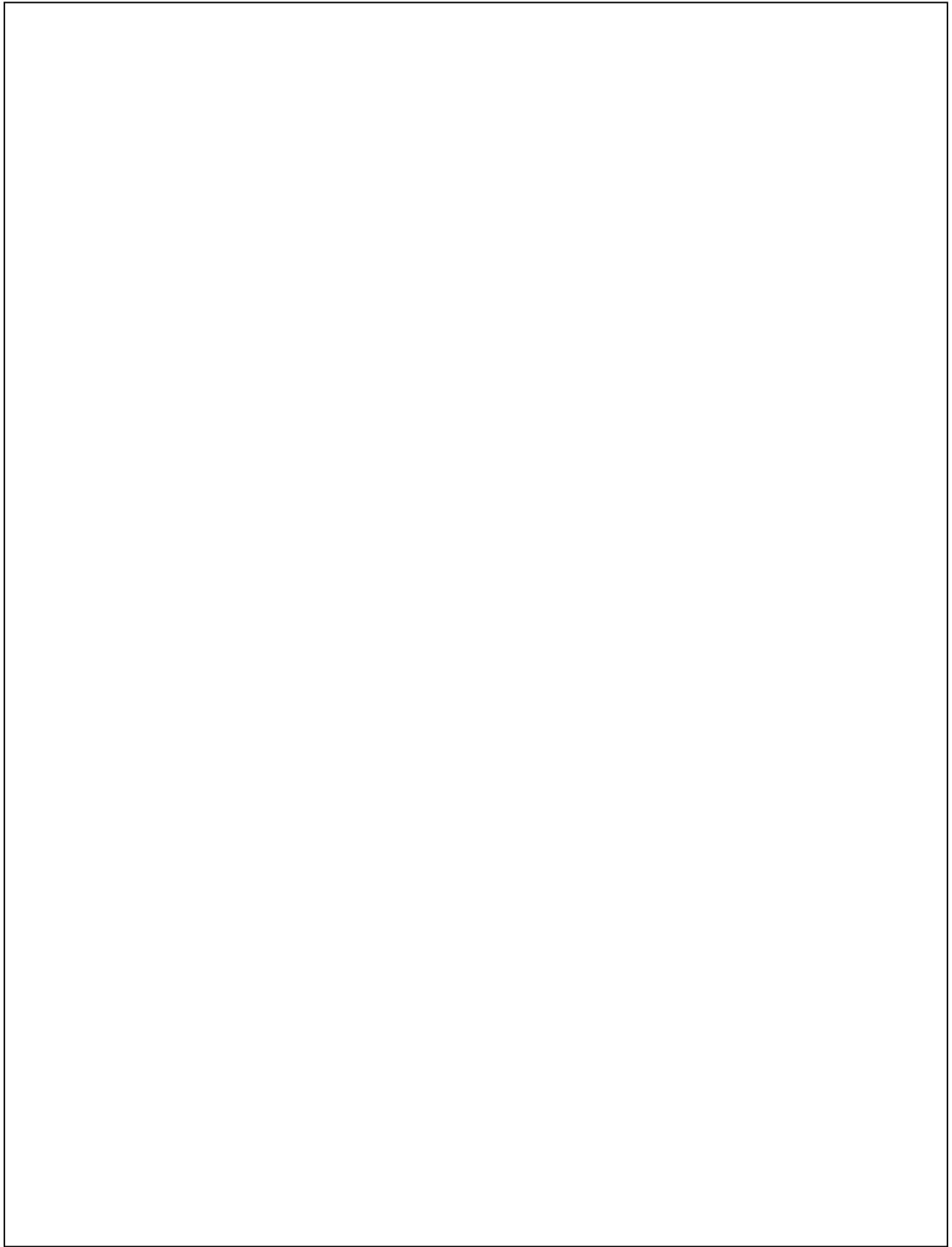
HoD/Civil

PROBLEM IDENTIFIED AND OBJECTIVE:

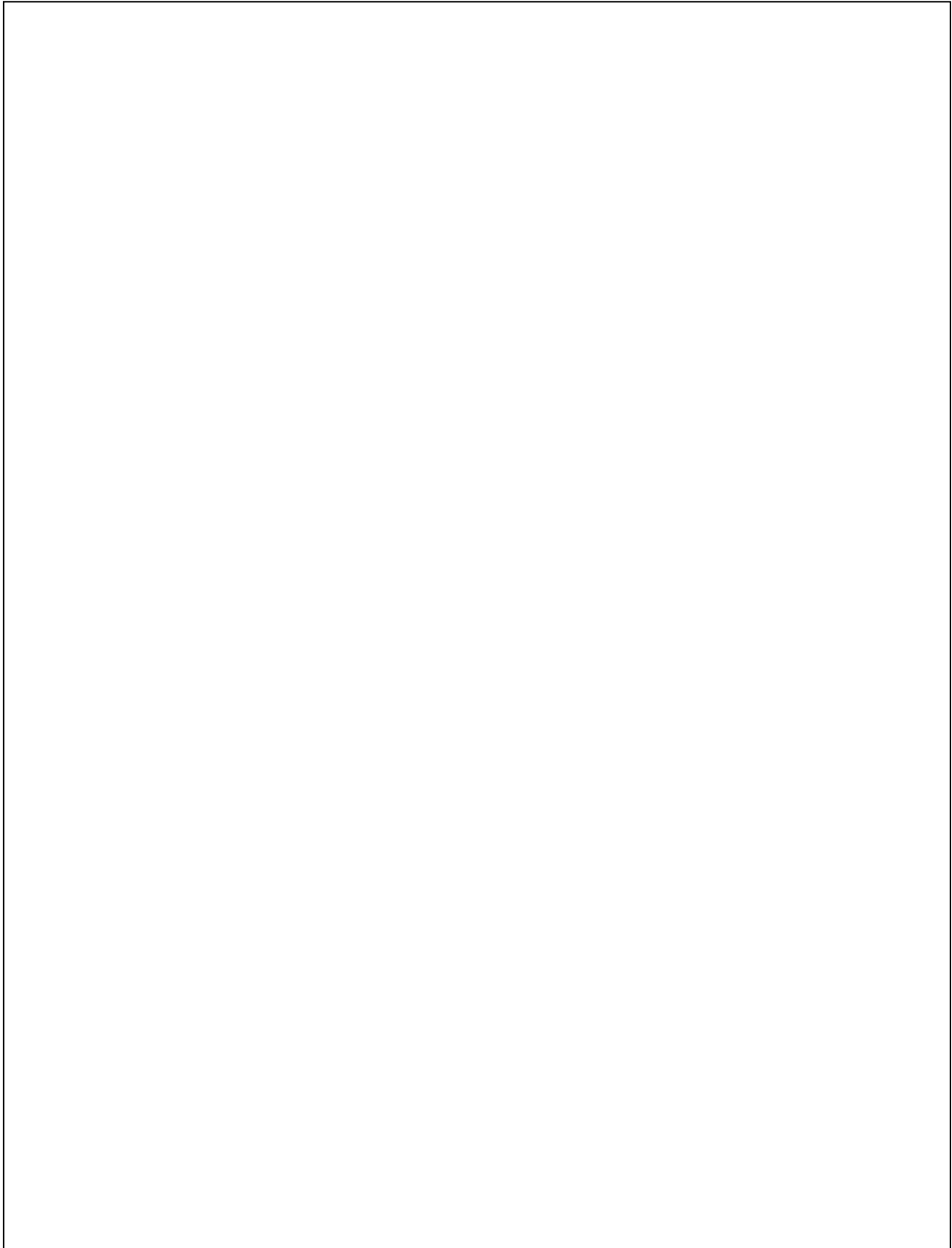
PUBLIC/CLIENT REQUIREMENTS



PROPOSED DESIGN IDEAS



LIST OF DELIVERABLES:



TIME SCHEDULE OF THE PROJECT WORK

Project Activity*	Description	Date of Completion
<i>List each activity associated with the project in chronological order.</i>	<i>Provide details of each activity, how it relates to the overall project objectives, and/or key project milestones</i>	<i>Specify dates for the completion of each activity.</i>
Project Report Submission date:		25.10.2011 & 26.10.2011

DIARY AND ATTENDANCE SHEETS

Date :	Period :	No. of Hours:	Location:	
Target :			Present	
			Absent	
Work done :				
Task completed :				
Comments of Guide :				

Signature of Guide
Date :

Project Co-ordinator

Date :	Period :	No. of Hours:	Location:	
Target :			Present	
			Absent	
Work done :				
Task completed :				
Comments of Guide :				

Signature of Guide
Date :

Project Co-ordinator