

# **BHOJ REDDY ENGINEERING COLLEGE FOR WOMEN**

## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

### **INDUSTRIAL ORIENTED MINI PROJECT GUIDELINES AND EVALUATION**

#### **PROCESS FOR IV BTECH I SEMESTER STUDENTS**

1. Project batches are made based on aggregate percentage of marks up to III B Tech, I semester. The students are divided into A, B, C, D categories merit wise in descending order. Each batch contains one student from each category. Student from group A acts as project leader.
2. Each project batch is allotted with one faculty as project internal guide. Student batches and internal guides are same for Industry oriented mini projects and major projects.
3. Each batch must select a topic for project and submit abstract, in consultation with project internal guide, project incharge and HOD. Abstract should be submitted before ending date of III B Tech, II semester and project will be pursued during summer vacation.
4. Each batch should present two seminars.
  - i) Abstract seminar – Presentation on aim of the project – First week after starting of semester.
  - ii) Final seminar – Presentation on total project work – Last week of first month of the semester.
5. Project seminars are presented in front of the technical committee consisting of internal guide, project incharge and HOD.
6. Students' progress is continuously monitored by the internal guide on weekly basis.
7. Students are required to submit the complete report of the project before final seminar to the internal guide. Any suggestions made by the guide have to be included in the report to be submitted at the time of final seminar.

8. The project shall be submitted in a report form and presented before the committee in IV year I semester. It shall be evaluated for 100 external marks. The committee consists of an external examiner, Head of the department, supervisor of the project and a senior faculty member of the department. There shall be no internal marks for Industrial Oriented Mini Project.

### **SEMINAR PRESENTATION GUIDELINES:**

1. Each group is allotted a time slot of 20 minutes.
2. The seminar should not have more than 20 slides.
3. The soft copy of the PPT is to be shown to the respective internal guide and get it approved before the presentation.
4. Abstract seminar should include brief introduction of the project and following topics to be covered:
  - Aim
  - Introduction
  - Literature review
  - Block/line/circuit diagram
  - Hardware/software details
  - Plan of the project work
5. Final seminar should include implementation and execution of the project and following topics to be covered:
  - Circuit and/or block diagrams implemented
  - Circuit assembly (if any)
  - Design and operating requirements (if any)
  - Hardware module/software model presentation
  - Results
  - Conclusions and future scope
  - References

**REPORT TEMPLATE:**

<b>CHAPTER NO</b>	<b>CONTENTS</b>	<b>PAGE NO</b>
	Title Page	
	College Certificate	
	Organization Certificate	
	Declaration	
	Acknowledgement	
	Contents Page	
	List of Figures	i
	List of Tables	ii
	List of Symbols	iii
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	Abstract	v
<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	Objective	1
1.2	Existing System	2
1.3	Literature Survey	3
1.4	Proposed System	
1.5	Organization of the Report	
<b>2</b>	<b>Chapter 2: Basics of the Project</b>	
2.1	Section Title	
2.1.1	Subtitle	
2.1.1 (a)	Sub Section Title	
2.2	Section Title	
<b>3</b>	<b>Chapter 3: Methodologies</b>	
<b>4</b>	<b>Chapter 4: Hardware/Software Models</b>	
<b>5</b>	<b>Chapter 5: Implementation and Results</b>	
<b>6</b>	<b>Chapter 6: Conclusions and Future Scope</b>	
	<b>References</b>	
	<b>Appendices (if any)</b>	<b>I</b>

**DOCUMENTATION GUIDELINES:**

For chapter names and main headings font – 16 Times New Roman, Bold.

For section titles font – 14 Times New Roman, Bold.

For subtitles font – 12 Times New Roman, Bold.

For running text font – 12 Times New Roman without Bold, 1.5 line spacing.

Each batch is required to submit two hard copies of project report (one for Library, one for the Department) and one soft copy to the project incharge.

S Asha Kiranmai  
Project Incharge

R Manju Bhargavi  
HOD-EEE