**Guidelines of format for final project report**

The guidelines prescribed in this file are intended to be followed by B.Tech (ECE) students for preparing their final project report. A report should contain the following items in the sequence as prescribed:

|  |
| --- |
| TITLE PAGE  TABLE OF CONTENTS  ACKNOWLEDGEMENT  ABSTRACT  LIST OF FIGURES  LIST OF TABLES   1. Problem identification (expected outcome/ Application). 2. Feature Finalization (detail of feature to be included in the project). 3. Design Flow (at least 2 alternative designs to make the project). 4. Best possible design with reasons (Flowchart /algorithm/ detailed block diagram). 5. Simulation and Outcome (software simulation results, testing and outcome, deviation from expected results) 6. Conclusion and Future Scope 7. References 8. Cost Analysis 9. ECE Archives Project Submission Form |

**General Format Guidelines**

**Page Size:** A4

**Margins:** Left-1.25”, Right-1.0”, Top-1.0”, Bottom-1.0”

**Chapter Name:** Bold – 22 points – Times New Roman, Left Aligned

**Main Headings:** Bold – 16 points – Time New Roman – Left Aligned

**Sub Headings:** Bold – 14 points – Times New Roman – Left Aligned

**Main body:** Normal – 12 points – Times New Roman – Justified

**Line spacing:** 1.5

**Page Numbers:** Normal – 12 points – Times New Roman – Centred

**File Binding:** Hard Cover **(Prints to be taken After Proof reading from Mentor)**

The format of title page, table of contents, list of figures, list of tables, abstract, chapter and references is given in this file.

|  |
| --- |
| **Title of Project (Detailed Title\*)** |
|  |
| ***A report submitted in partial fulfilment of the***  ***requirement*** ***for the award of degree of***  ***BACHELORS OF ENGINEERING***  ***in***  ***ELECTRONICS AND COMMUNICATION ENGINEERING*** |
|  |
| ***By*** |
| **Name of student: UID**  **Name of student: UID**  **Name of student: UID**  **Name of student: UID** |
|  |
| ***under the guidance of***  ***Mr. Name of Mentor*** |
| ***Assistant Professor*** |
| ***Electronics and Communication Engineering*** |
| **Electronics and Communication Engineering**    **UIE, Chandigarh University** |

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**Acknowledgment**

I really appreciate that I have such an opportunity to express my great gratitude and respect to people who helped me when I prepared my BE project. Without their supports and encouragements I cannot go so far.

It is difficult to overstate my greatest gratitude to my project mentor **Mr. Name of mentor**, Assistant Professor, ECE Department. First, I would like to thank him for their patient guiding and inspiring throughout my study period. Secondly, I highly appreciate their encouragement and support in my project work, which helped me build confidence and courage to overcome difficulties. Finally, I am grateful for their great insight and suggestions and sharing so much time in project completion. I would have been lost without their support.

I am as ever, truly and deeply indebted to Prof. (Dr.) S. S. Sehgal, Executive Director, Prof. (Dr.) Nikhlesh Kumar Sharma, Director Engineering and Prof. (Dr.) Paras Chawla, Head of ECE Department for their great supports at every stage of my academic life, and longed to see this achievement come true.

**Abstract**

Here write the abstract of project

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# Chapter 1

**Introduction**

Write introduction part here

**1.1**

**1.2**

**Chapter 2**

**Problem Identification**

**2.1 Problems and Drawbacks in Existing Product/ Process**

**2.2 Possible Solution**

**Chapter 3**

**Design Flow and Tools**

**3.1 Flow Chart of \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

In the given below flowchart \_\_\_\_\_\_\_\_\_\_\_

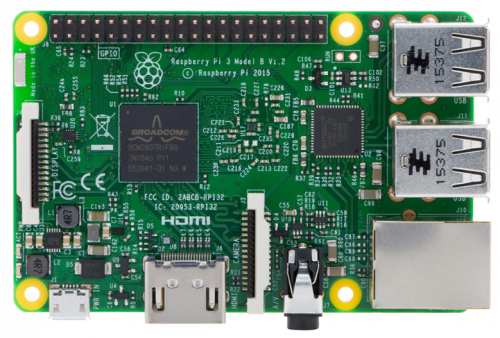
**Figure 3.1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* 1. **Detecting Result**
  2. **Software Required**

**3.3.1**

**3.3.2**

* 1. **Hardware Required**
     1. **Raspberry Pi**



**Figure 3.1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Table 3.1 Specifications of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* + 1. **DC Motor**

**Figure 3.5 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Table 3.2 Specifications of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* + 1. **L298 Motor Driver**

**Figure 3.6 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Table 3.3 Specifications of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* + 1. **Camera**

**Figure 3.7 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Table 3.4 Specifications of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Chapter 4**

**Best Possible Design**

**4.1**

**Figure 4.1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4.2**

**Figure 4.2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4.3**

**Figure 4.3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Chapter 5**

**Simulation and Outcome**

**Code:**

**Output:**

**Chapter 6**

**Conclusion and Future Scope**

**6.1 Conclusion**

**6.2 Future Scope**

**References**

**1. Patent Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Title** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Priority date** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Inventor** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2. Reseach Paper**

**Title** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Publication Year** \_\_\_\_\_\_\_\_\_\_\_\_

**Author** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3.**

**4.**

**5.**

**6.**

**Cost Analysis**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Component / Material** | | **Price (in Rs.)** |
| 1. |  | |  |
| 2. |  | |  |
| 3. |  | |  |
| 4. |  | |  |
| 5. |  | |  |
| 6. |  | |  |
| **Total** | |  | |

**ECE ARCHIVES PROJECT SUBMISSION FORM**

Project Code: **CU/ECE/20\_\_\_\_/Sem\_\_\_\_/UID\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (To be filled by Office)**

Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name and UID of student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Team Members:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No.** | **Name** | **UID** | **Semester** | **Contact No.** |
| 1. |  |  |  |  |
| 2. |  |  |  |  |
| 3. |  |  |  |  |
| 4. |  |  |  |  |
| 5. |  |  |  |  |

**Section to be filled by Project Mentor**

**Status (Please tick, whichever applicable)**

|  |  |  |  |
| --- | --- | --- | --- |
| Working |  | Not Working |  |
| **Marks Awarded** | | **60** |  |

Project Mentor Details:

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Employee ID \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sign \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Section to be filled by Project Examiner(s)**

**Status (Please tick, whichever applicable)**

|  |  |  |  |
| --- | --- | --- | --- |
| Working |  | Not Working |  |

Project Examiner Signatures:

Internal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Employee ID \_\_\_\_\_\_\_\_\_\_\_\_\_\_

External \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Employee ID \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_