

Project Report on

Title of Project

Submitted in partial fulfilment of the requirements
of the degree of

**Bachelor of Engineering in Electronics and Telecommunication
Engineering**

by

Student Name Roll No.

Student Name Roll No.

Student Name Roll No.

Student Name Roll No.

Project guide

Faculty Name

Designation



Department of Electronics and Telecommunication Engineering
VIVA Institute of Technology
University of Mumbai
AY-2014-15

Project Report on

Title of Project

Submitted in partial fulfilment of the requirements

of the degree of

Bachelor of Engineering in Electronics and Telecommunication Engineering

by

Student Name Roll No.

Student Name Roll No.

Student Name Roll No.

Student Name Roll No.

Project guide

Faculty Name

Designation



Department of Electronics and Telecommunication Engineering

VIVA Institute of Technology

University of Mumbai

AY-2014-15

Project report Approval

This project report entitled “**Title of Project**” by student names is approved for the degree of Bachelor of Engineering in Electronics and Telecommunication Engineering.

Examiners

1 _____

2 _____

Supervisors

1 _____

2 _____

Principal

Date:

Place

Declaration

I declare that this written submission represents my ideas in my own words and where other's ideas or words included; I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Name of student and Roll No.

Abstract

It is the abstract of entire thesis. Each paragraph in the abstract should be the base on each chapter in the thesis.

First paragraph should be about the introduction and historical background of the project domain. The abstract should be one page only.

Acknowledgements

It must be the professional acknowledgement not more than one page.

Student Name

1.1	Importance of project.....	12
1.2	Motivation.....	12
1.3	Organization of the project report.....	12
2.1	
2.1.1	
2.2	
2.3	
3.1	
3.2	
4.1	
4.2	
4.2.1	
4.2.2	
5.1	

List of Figures

Figure 1-1 Traditional development process.....	4
Figure 3-2 Classification of Oscillators.....	20

List of Tables

Table 3-1 Comparison of Ring and LC Oscillator.....	18
---	----

Abbreviations and Symbols

ABS-S	advanced broadcasting system satellite
AC	Alternating Current
AM	Amplitude Modulation
AMS	Analog and mixed Signal

ASIC	Application Specific integrated circuit
ASSPs	application-specific standard parts
BJTs	Bipolar Junction Transistor
CAD	Computer Aided Design
CMOS	Complementary Metal Oxide Semiconductor
DC	Direct Current
DSP	Digital Signal Processing
DUT	device under test
DVB	digital video broadcasting
FoM	Figure of Merit
FPGA	Field Programmable Gate Array
GUI	Graphical User Interface
HDL	Hardware Description Language
IC	Integrated Circuit
ISF	Impulse Sensitivity Function
ISO	International Standards Organization
IT	Information Technology
JFETs	Junction field effect Transistor
LC	Inductor Capacitor
LPF	Low Pass Filter
MBD	Model-Based Design
NMOS	N-channel Metal Oxide Semiconductor
PLL	Phase Locked Loop
PMOS	P-channel Metal Oxide Semiconductor
PSD	Power Spectral Density
RF	Radio Frequency
RO	Ring Oscillator
SDR	software defined radio
SoC	System On Chip
UCF	User Constraint File
VCO	Voltage Controlled Oscillator

Chapter 1 Introduction

1.1 Importance of project

1.2 Motivation

1.3 Organization of the dissertation report

Chapter 2 Literature Survey

Chapter 3 Theoretical Foundations

Chapter 4 Design Methodology

Chapter 5 Results and Discussions

Chapter 6 Conclusion

References

Publications

Journal papers

Conference papers

20 pts.(Bold)

Specifications for Report

3. Textual contents must be neatly typed with **one and half** line space on A4 size good quality bond paper on one side with **LM= 1.5 ”, RM=1.0 ”, BM=1.0 ” and TM=1.0 ”** suitable ‘Times th font
4. The font details to be selected for various textual contents are as follows :

Chapter heading

Section heading **16 pts.(Bold)**

Sub-section heading **14 pts.(Bold)** ending n right

Normal text **12 pts.**

Font type **Times New Roman.**

Font style **Regular.**

Font spacing **1.5 between lines**
2.5 between paragraphs

References

Style of listing references of some standards are as below;

ASME standard

Book,

[1] Merritt, H. E., 1971, *Gear Engineering*, Pitman, New York, pp. 82–83.

Journal Paper,

[2] Arakere, N. K., and Nataraj, C., 1998, “Vibration of High-Speed Spur Gear Webs,” ASME Journal of Vibration Acoustics, 120(3), pp. 791–800.

Proceeding Paper,

[3] Stewart, R. M., 1977, “Some Useful Data Analysis Techniques for Gearbox Diagnostics,” Proceedings of the Meeting on the Application of Time Series Analysis, ISVR, University of Southampton, Southampton, UK.

Thesis,

[4] Kong, D. W., 2008, “Research on the Dynamics and Fault Diagnosis of the Large Gear Transmission Systems,” Ph.D., thesis, JiLin University, Changchun, China.

IEEE standard**Book,**

[1] J. F. Curtis, (Ed.), *Processes and Disorders of Human Communication*. New York: Harper and Row, 1978.

Journal Paper,

[2] J. Schroeter and M. M. Sondhi, "Techniques for estimating vocal-tract shapes from the speech signal," *IEEE Trans. Speech Audio Process.*, vol. 2, no. 1, pp. 133–150, 1994.

Proceeding paper,

[3] J. M. Pardo, "Vocal tract shape analysis for children," in *Proc. IEEE Int. Conf. Acoust., Speech, Signal Process.*, 1982, pp. 763–766.

Binding:

The final hard bound copies of project report with black colour.

Front Covers:

The front covers shall contain the following details:

1. Full title of thesis in 6 mm 22 point's size font properly centered and positioned at the top.
2. Full name of the candidate in 4.5 mm 15 point's size font properly centered at the middle of the page.
3. A 50 mm dia replica of the Institute emblem followed by the name of department, name of the Institute and the year of submission, each in a separate line and properly centered and located at the bottom of page.

Lettering:

All lettering shall be embossed in gold.

Bound back:

The degree, the name of the candidate and the year of submission shall also be embossed on the bound (side) in gold.

Blank Sheets:

In addition to the white sheets (binding requirement) two white sheets shall be put at the beginning and the end of the thesis.

Transperencies

Transparencies must be put between all initial pages and chapters.

B.

E.

(EX

TC)

201

4-

201

Spine/Side view of the 5 -

Title

of

the

proj

ect

