

**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**

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**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.

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# **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

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## **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**

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**1.1 Importance of project**

**1.2 Motivation**

**1.3 Organization of the dissertation report**

## Chapter 2 Literature Survey

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## Chapter 3 **Theoretical Foundations**

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## Chapter 4 **Design Methodology**

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## **Chapter 5 Results and Discussions**

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## Chapter 6 **Conclusion**

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## References

# **Publications**

**Journal papers**

**Conference papers**

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#### 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.

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