THESIS TITLE

By NAME of the CANDIDATE Enrolment No:

CI Name; for e.g. Institute of Physics, Bhubaneshwar

A thesis submitted to the

Board of Studies in Chemical Sciences/ Engineering Sciences/ Medical & Health Sciences/ Life Sciences/ Mathematical Sciences/ Physical Sciences/ Applied Systems Analysis

(as applicable)

In partial fulfillment of requirements

for the Degree of

DOCTOR OF PHILOSOPHY

of

HOMI BHABHA NATIONAL INSTITUTE



Month, Year; for e.g. November, 2018

Homi Bhabha National Institute¹

Recommendations of the Viva Voce Committee

As members of the Viva Voce Committee, we certify that we have read the dissertation prepared by <Candidate Name> entitled <" Thesis Title" > and recommend that it may be accepted as fulfilling the thesis requirement for the award of Degree of Doctor of Philosophy.

Chairman - Name & Signature with date
Guide / Convener - Name & Signature with date
Co-guide - Name & Signature with date (if any)
Examiner - Name & Signature with date
Member 1- Name & Signature with date
Member 2- Name & Signature with date
Member 3- Name & Signature with date

Final approval and acceptance of this thesis is contingent upon the candidate's submission of the final copies of the thesis to HBNI.

I/We hereby certify that I/we have read this thesis prepared under my/our direction and recommend that it may be accepted as fulfilling the thesis requirement.

Date:

Place:	Signature	Signature
	Co-guide (if any)	Guide

¹ This page is to be included only for final submission after successful completion of viva voce.

STATEMENT BY AUTHOR

This dissertation has been submitted in partial fulfillment of requirements for an advanced degree at Homi Bhabha National Institute (HBNI) and is deposited in the Library to be made available to borrowers under rules of the HBNI.

Brief quotations from this dissertation are allowable without special permission, provided that accurate acknowledgement of source is made. Requests for permission for extended quotation from or reproduction of this manuscript in whole or in part may be granted by the Competent Authority of HBNI when in his or her judgment the proposed use of the material is in the interests of scholarship. In all other instances, however, permission must be obtained from the author.

Name & Signature of the student

DECLARATION

I, hereby declare that the investigation presented in the thesis has been carried out by me. The work is original and has not been submitted earlier as a whole or in part for a degree / diploma at this or any other Institution / University.

Name & Signature of the student

CERTIFICATION ON ACADEMIC INTEGRITY

Undertaking by the Student:

1.	Ι	(name of the student), HBNI
	Enrolment No	hereby undertake that the Thesis,
	titled "	

Is prepared by me and is the original work undertaken by me.

- 2 I also hereby undertake that this document has been duly checked through a plagiarism detection tool and the document is found to be plagiarism free as per the guidelines of the Institute/UGC.
- 3. I am aware and undertake that if plagiarism is detected in my thesis at any stage in the future, suitable penalty will be imposed as applicable as per the guidelines of the Institute/UGC.

Signature of the Student with date

Endorsed by the Thesis Supervisor:

I certify that the thesis written by the Researcher is plagiarism free as mentioned above by the student.

Signature of the Thesis Supervisor with date

Name:Designation:Department/ Centre:Name of the CI/ OCC:

List of Publications arising from the thesis

Journal

1. "Title", <All authors in the same order as appeared in the paper>, *Journal*, **Year**, *Vol*., starting page-ending page.

2.

Chapters in books and lectures notes

1.

2.

Conferences

1.

Others

1.

Name & Signature of the student

DEDICATIONS

(Optional)

Maximum up to one Page Write up, Times New Roman, font 12, Double Spacing

ACKNOWLEDGEMENTS (Optional)

Maximum up to One Page Write up, Times New Roman, font 12, Double Spacing

CONTENTS

Page No.

SUMMARY

(Minimum one page and maximum two pages on key findings of the research described in the thesis. Should not provide chapter wise descriptions as done in Synopsis)

LIST OF FIGURES

LIST OF TABLES

CHAPTER 1 <TITLE> <INTRODUCTION>

CHAPTER 2

CHAPTER N

REFERENCES

NOTE:

- **1. Page numbering: Continuous**
- 2. Text Font Size (for all chapters):Times New Roman, 12, Double Spacing
- **3.** References: Sequence as appear in text with uniform format as given in the List of Publications.
- 4. Printing should be done mostly on both sides of a sheet.
- 5. It should be paperback binding. Please use white colour for cover pages of the thesis.