



9. After successful presentation of the summary of the Thesis by the scholar, he/she will be eligible for submission of his/her Ph.D Thesis within three months from the date of summary presentation.
10. The *Thesis* shall be computer typed (English- British, Font -Times Roman, Size-12 point) and printed on A4 size paper.
11. The *Thesis* shall be typed on one side only with double space with appropriate margin.
12. It is presumed that a candidate would endeavor to present quality work in the *Thesis* leading to get the results published at least two full length research paper in refereed/ indexed journals of International/National repute.
13. The *Thesis* has to include a *Declaration* by the scholar to the effect that he/she has not resorted to any unethical practice while carrying out the research work and preparing the thesis.
14. Ensure that the *Thesis* meets all the standards of a scholarly writing. The entire work is divided into suitable chapters, sections, sub-sections.
15. Ensure that Objectives, Review and scope, Methodology, limitations of Research, General conclusions, Specific conclusions, Specific contributions and Future scope of work, Application of the proposed technique are clearly spelt out in the *Thesis*.
16. Ensure that all Figures, Tables have suitable numbers consistently followed throughout the *Thesis* documents. Mention data sources below the Tables/Figures if any. Figures should be made as self-explanatory as possible.
17. Format of quoting references, caption of Figures, Equation numbers, heading of the Tables should be followed consistently in the *Thesis*.
18. Use only standard abbreviations. Avoid abbreviations in the title. The full term for which an abbreviation stands should precede its first use in the text except in case of measurement units. The measurement units if any shall be followed consistently.
19. Maintain uniformity in writing the *Thesis*.
20. All copies of the *Thesis* are to be bound in colored hard cover (according to color code) of the *Thesis*.
21. Title of the *Thesis*, the name of the supervisor(s) and the scholar should also be incorporated in a vertical manner in the binding spine (outer vertical edge) of the *Thesis*.
22. The final submission of the *Thesis* shall be in 04hardbound copies and 01 softbound copy (MS Word) in a CD along with all the corrections and suggestions as recommended before.

## THESIS FORMAT

The Thesis consists of three main parts (i) The Preliminaries (ii) The Text (iii) Annexure. It is to be arranged in the following sequence.

### THE PRELIMINARIES:

- ❖ Title Page (Outer Cover) as per the format given in Annexure III, (should be printed in Golden colour on a Navy Blue background).
- ❖ Title Page (Inner Cover) as per the format given in Annexure IV
- ❖ Declaration by the candidate (Annexure – V)
- ❖ Certificate of Supervisor/s (Annexure – VI)
- ❖ Acknowledgements
- ❖ Table of Contents (Annexure – VII)
- ❖ Abstract/Preface
- ❖ List of Figures (If applicable)
- ❖ List of Tables (If applicable)
- ❖ List of abbreviations (Optional)

### THE TEXT OF THE THESIS

The text the thesis is usually divided in to chapter's with subheadings, within the chapters to indicate the orderly progression of topics and their relation to each other

**Introduction:** - The thesis should normally begin with a general introduction presenting an overview of the purpose and significance of the study. The introduction should show why the topic selected is worth investigating. This will normally be done with reference to existing research, identifying areas that have not been explored, need to be explored. The final section of the introduction should provide a brief overview of each of the main chapters that the reader will encounter.

**Literature review:** - The purpose of the literature review is to summarize, evaluate and compare the main developments and current database in the field which are specifically relevant to the subject of research embodied in the thesis.

**Design of study:** - The supervisor and the student may decide how this part of the thesis should be structured. Although this section varies depending up on method and analysis technique chosen, the chapter describes and justifies the methods chosen for the study and why this method was the most appropriate.

**Results & Discussion:** The results are actual statement of observations, including statistics, tables and graphs. Do not present the same data as graph as well as table. Use one of the appropriate style of presentation. The purpose of this chapter is not just to reiterate the findings but discuss the observation in relation to the theoretical body of knowledge on the topic.

**Summary and conclusions:** Start with a few sentences that summarize the important results and conclude by giving the strongest and most important statement that highlights the outcome of the study. The conclusion should provide answers or solutions to the questions or problems raised in the introduction chapter.

**Reference Citation in Text:** Citation in the text usually consists of the name of the author(s) and the year of the publication. The page no is added when utilizing a direct quotation.

**Example (i):** Thomas.V (2007) identified....

**Example (ii):** Gould and Brown (1991, p. 14) used the

**Example (iii) :** Rhoades et. al (2008) define the .....

**References:** All publications listed in the thesis should be presented in a list of references, following the sample.

**Citation from Thesis:**

- Kundur., D. (1999), Multiresolution Digital Watermarking: Algorithms and Implications for Multimedia Signals. Ph.D Thesis, University of Toronto.

**Citation from Journal:**

- Clifford, G. D. and Tarassenko.,s L. (2001), One-pass Training of Optimal Architecture Auto-associative Neural Network for Detecting Ectopic Beats. Electron Letters. 37(18): 1126–1127.
- Rhoades, B.E. (1997), A Comparison of various definitions of Contractive mappings, Trans.Amer.Math.Soc., Vol. 5, no.3, 257-290.

**Citation from Books:**

- Thompson, D. ed., (1995), The Concise Oxford Dictionary of Current English. Oxford, UK: Oxford University Press, 9th ed. ISBN No.: 0987654.
- Lindsay, D. (1999), A Guide to Scientific Writing, Melbourne, Chapter 2, Australia: Addison Wesley Longman Australia, 2nd ed. ISBN No.: 12345678.

**Citation from Website:**

Anonymous, unZign, “Tool for Evaluating a Variety of Watermarks”, <http://altern.org/watermark/>, (Browsing date: 23rd September 1997)  
Publication of the University of Geneva (on digital watermarking): <[http://cuiwww.unige.ch/~vision/Publications/watermarking\\_publications.html](http://cuiwww.unige.ch/~vision/Publications/watermarking_publications.html)> (Browsing Date: 4th January 2006)

**Citation from patent:**

Gustafsson J. K. (1976), “Analog-digital converter for a resistance bridge”, Patent U. S. 3960010, June 1,.

References must be given alphabetically in References section and in text as .....

**Clifford. G. D. and Tarassenko. L. (2001) suggested that.....**

## **ANNEXURE:**

**List of Publications:** List of publications obtained by the student from the Ph.D work should be included in the thesis.

**Curriculum vitae:** (Optional)

**Appendices:** (Optional)

Appendices may include the formulas, diagrams, or any similar data that are not contained in the body of the thesis. Published work from the thesis be included as appendix (Reprints of published research paper).

## **PRINTING GUIDELINES**

### ❖ **Font size**

|                        |       |
|------------------------|-------|
| Title Page             | 18-24 |
| Headings / subheadings | 12-16 |
| Text                   | 12    |
| Footnotes              | 8-10  |

Footnotes be given on the same page where reference is quoted

### ❖ **Type style**

Times New Roman

### ❖ **Margins.**

At least 1¼ - 1½ inches (3.17-3.81cm) on the left-hand side, ¾ - 1 inch (2 - 2.54cm) at the top and bottom of the page, and about ½ - 0.75 inches (1.27 - 1.90cm) at the outer edge. The best position for the page number is at top-center or top right ½ inch (1.27 cm) below the edge. Pages containing figures and illustration should be suitable paginated.

**THE TITLE OF THE THESIS IN THE INNER COVER SHALL  
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*By*

**{Name of Research Scholar}**



*Under the supervision of*

***{Name of Supervisor/s}***

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FOR DEGREE OF  
DOCTOR OF PHILOSOPHY IN .....  
KOTA, BILASPUR (C.G.) INDIA {Year}**

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SHALL LOOK EXACTLY LIKE THIS TITLE**

**SUMMARY OF THE Ph.D. THESIS**



*SUBMITTED TO*

**Dr. C.V. RAMAN UNIVERSITY KOTA, BILASPUR (C.G.)**

*FOR THE DEGREE OF*

***DOCTOR OF PHILOSOPHY IN .....***

***{Year}***

Supervisor

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Submitted By

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**by**

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**<NAME OF THE SCHOLAR>**

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**Under the Guidance of**

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**<NAME OF THE SUPERVISOR/S>**

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## **DECLARATION**

I the undersigned solemnly declare that the report of the research work entitled “**title of the work**” is based on my own work carried out during the course of my study under the supervision of < name of supervisor >.

I assert that the statements made and conclusions drawn are an outcome of my research work.

I further certify that

- i. The work contained in the Thesis is original and has been done by me under the general supervision of my supervisor (s).
- ii. The work has not been submitted to any other Institute for any other Degree/Diploma/Certificate in this University or any other University of India or abroad.
- iii. I have followed the guideline provided by the University in writing the Thesis.
- iv. I have conformed to the norms and guidelines given in the concerned Ordinance of the University.
- v. Whenever I have used materials (data, theoretical analysis, and text) from other sources, I have given due credit to them by citing them in the text of the Thesis and giving their details in the references.
- vi. Whenever I have quoted written materials from other sources, I have put them under quotation marks and given due credit to the sources by citing them and giving required details in the references.

(Name & Signature of the research scholar)

Enrollment No.

## CERTIFICATE

This is to certify that the work incorporated in the thesis entitled “ title of the thesis” is a record of research work carried out by <Name of research scholar> under my supervision for the award of degree of **Doctor of Philosophy** in <Subject Name> Faculty of <name of faculty> of Dr. C.V. Raman University, Bilaspur (C.G.)-India.

To the best of my knowledge and belief the thesis:

- i. Embodies the work of the candidate himself/herself,
- ii. Has duly been completed.
- iii. Fulfill the requirements of the Ordinance relating to the Ph.D degree of the University,  
and
- iv. Is up to the desired standard both in respect of contents and language for being referred to the examiners.

1. Supervisor

(Name and signature of the Supervisor)

2. Supervisor

(Name and signature of the Supervisor)

(Signature of the Head of Research Centre)

(Seal of Research Centre)

## **ACKNOWLEDGEMENT**

Acknowledgements should be brief and should not exceed one page. Acknowledgements should be duly signed by the candidate. Gratitude may be expressed to only those who really contributed to the work directly or indirectly. If finance for the project came from any funding organization (Government, semi-Govt., Govt. undertaking, or NGO) or any individual (not parents), then the concerned organization or individual must be acknowledged. Name of scholar(s) should appear at the bottom of the page.

### **SAMPLE ACKNOWLEDGEMENT**

It is a matter of immense pleasure to express the overwhelming sense of gratitude, devotion, incontestable regards to my esteemed & learned guides <.....> who have striven to perfect my Thesis.

.....  
.....  
.....

Finally, I express my indebtedness to all who have directly or indirectly contributed to the successful completion of my research work.

**< Name of Research scholar >**

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**Chapters:** Including Introduction, Review of literature, methodology, analysis of data and results & discussion and conclusions.

- **References:** As per style given in reference section of text of the thesis.

### **Appendix**

- **List of research publications by the Author**
- **Original or photocopies of reprints of research papers**