

GUIDELINES

FOR

PREPARATION AND SUBMISSION OF THESIS



**DEEMED UNIVERSITY
INDIAN VETERINARY RESEARCH INSTITUTE
IZATNAGAR - 243 122 (U.P.)**

February, 2013

GUIDELINES FOR PREPARATION AND SUBMISSION OF THE THESIS

For the preparation and submission of thesis, the following guidelines should be followed.

1. Paper and Typing

Each thesis should be typed on white bond paper measuring 22 cm x 28 cm (A4 size). Margin of at least 3.5 cm on binding side, 2.0 cm on free side, 3.0 cm on the top and 2.5 cm on the bottom should be kept. Font New Times Roman and font size of 12 should be used. Typing should be done in one and half space on both sides of the sheet. The entire thesis should be typed on the same computer (letter quality or laser printer) and photostat copies in required number can be prepared. Errors in typing should be avoided. Spell checker should be used for corrections prior to final printing. Simple error in typing may be corrected using black ink. Cutting is not permitted. In case of more serious errors or errors exceeding 4, the sheet will have to be retyped. Not more than 10 corrections in the whole thesis would be permitted. No word should remain incomplete and be carried over to the next page.

2. Illustrations and Photographs

The illustrations and photographs should be included in the thesis text at the appropriate places.

3. Structure of the Thesis

3.1 Title Page

The title page should have following details.

- (a) The title of the thesis near the top and centered.
- (b) The following should be typed below the title:

**Thesis
Submitted to the
DEEMED UNIVERSITY
Indian Veterinary Research Institute
Izatnagar – 243 122 (U.P.), India**

Deemed University Monogram

- (c) Still below, the following should be given:-

(name of the student)

Roll No.

- (d) Below this, the following should be typed

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF

.....

(mention approved degree title)

- (e) At the bottom, the month and year of submission of the thesis should be given.

All the above should be properly centered and spaced (**see specimen - 1**)

3.2 Certificates

Each thesis will have two certificates, one from advisor and another one from advisory committee.

(see specimens – 2 and 3)

3.3 Acknowledgement

A short acknowledgement, signed with date and place by the student, should be next to the title sheet. Efforts and contribution of all concerned may be acknowledged. However, it should not be too lengthy and should avoid unnecessary thanks giving. Financial assistance received by the student from any financing institute/agency should be duly acknowledged.

3.4 Table of Contents

The table of contents should give the chapter headings and also the sub-titles, if any, with appropriate page references, and should be placed next to the certificate sheets. This should be followed as applicable by:

- (a) List of Tables
- (b) List of Figures
- (c) List of Plates
- (d) List of Nomenclatures/Symbols
- (e) Chapter contents

Format for (a), (b), and (c) is

Table No.	Title	Page No.
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Format for (d)

Abbreviation	Full name
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and format for (e)

Sl.No. No.	Chapter	Page No.
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3.5 The thesis should generally consist of the following chapters:

1. Introduction
 2. Review of Literature
 3. Materials and Methods
 4. Results
 5. Discussion
 6. Summary and Conclusions
 7. Mini Abstract (English)
 8. Mini Abstract (Hindi)
 9. References
- Appendices
Vitae (a statement giving the bio-data of the student)

Each of the above main chapters can have sub-titles. However, all chapter-headings and sub-headings should be listed, wherever necessary, in the table of contents and appropriate page references be given. This should be followed by the list of illustrations and tables along with page number in pencil. However, permanent page number will be given in finally bound copies.

3.6 Format for the Chapter style

Chapter title – All Capitals

Heading of the Section – Title case

Heading of the subsection – Sentence case

Example of the above is as follows

3. MATERIALS AND METHODS

3.1 Experimental Materials

3.1.1 Bull selection

3.1.2 Bull management

3.2 Experimental Methodology

3.2.1 Collection of samples

Numbering may be restricted to 4 places (e.g. 3.2.1.1) as far as possible.

4. References

Standard style of quoting references should be used in the text and under the heading “References”

The references should be arranged strictly alphabetically. The items of information of different types of publications should be given as follows:

- A. **Journal Article:** Name(s) of author(s). Year of publication of the article. Title of the article. Name of the journal, volume (in bold) No. (issue No.): page(s). The name of the journal should be abbreviated according to International Standards Organization rules.
- B. **Simple Book:** Name(s) of author(s). Year of publication. Title of the book. Volume No. (in case of multivolume book), Edition No. (if it is later than I edition). Place of Publication, Publisher’s name. Pagination (when a particular page of the book is cited then; ‘p’ should be mentioned before page number cited; ‘p’ following the page number means total number of pages contained in the document).
- C. **Contribution to Composite Book/ Edited book:** Name(s) of chapter author(s). Year of publication. Title of contribution. Connecting word ‘In’: and the following items of the host document: Names(s) of authors. Title of book. Volume No. (in case of multivolume book), Edition No. (if it is later than I edition). Place of publication, publisher’s name. Pagination (‘pp’ should be used before writing plural pages).
- D. **Conference / Workshop / Symposium / Seminar Proceedings:** Name (s) of author(s). Year of Conference etc., Place, Date of Conference. Year of publication. Title of the publication. Name(s) of editor(s). Place of publication, publisher’s name. Pagination (as indicated in B).
- E. **Contribution to Conference/ Workshop/ Symposium/ Seminar Proceeding:** Name(s) of author(s). Year of publication. Title of contribution. Connecting word ‘*In*’: and the following items of information of the host document: Name of the Conference, Place, Date of the Conference etc., Title of the publication. Name(s) of editor(s). Place of publication, publisher’s name. Pagination (as indicated in C).

- F. Thesis:** Name of author. Year of submission. Title of the thesis. The word Thesis, Name of the degree. Name of the University, Place, Pagination (as indicated in B).
- G. Institution/Society Publications:** Name of the institute/society, Place. Year of publication. Title of the publication. Place of publication, publisher's name, pagination (as indicated in B).
- H. Government Publications:** Name of Territory. Name of the Ministry, etc. Name of the Department, Section, etc. Year of publication. Title of publication. Place of publication, publisher's name, Pagination.
- I. Genbank Accession**
Name(s) of author(s). Year. Title of accession. Accession No.
- J. Website reference:** Name of the website. Title. Date of visit to the website.

(see specimen – 4)

When quoting reference in the text of the thesis, the last names of the authors (up to two authors and if more than two authors are there, then last name of the first author et al. (in italic) should be given followed by the year of publication within parentheses. If reference made to more than one publication by the author(s), in the same year, the publication should be numbered as (a) and (b) of that the earliest publication of that year being designated (a) and so on.

5. Abstract & Summary

Every student, in addition to the thesis, must also submit an mini abstract in English (2 hard copies and one soft copy in PDF format) as well as in Hindi (2 hard copies and one soft copy in PDF format) of about 300 words on white bond paper measuring 22 cm x 28 cm (A4 size) as per directions for typing the thesis. Summary (four hard copies) of about 3000 words must also submitted separately on white bond paper as per directions for typing the thesis.

6. Final Submission of Thesis

Master's thesis will be bound in navy blue hard cover and Ph.D. in maroon red cover.

Other documents to be submitted with the final thesis are as follows:

Three hard bound copies of the complete thesis.

Three soft copy on CD (PDF format) mentioning the name and Roll. No. of the student alongwith degree programme and major discipline with the help of marker pen.

**STUDIES ON EFFECT OF CHOLESTEROL LOADED
CYCLODEXTRIN ON FREEZABILITY AND
FERTILITY OF BUFFALO SPERMATOZOA**

Thesis

**Submitted to the
DEEMED UNIVERSITY
Indian Veterinary Research Institute
Izatnagar – 243 122 (U.P.), India**



Anuj Kumar

Roll No. : 1116

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF**

**Doctor of Philosophy
(Veterinary Gynaecology and Obstetrics)**

September, 2012

CERTIFICATE - I

This is to be certified that the research work embodied in this thesis entitled ----- submitted by -----
-----, Roll No. -----, for the award of -----
Degree in ----- (discipline) at Indian Veterinary
Research Institute, Izatnagar, is the original work carried out by the candidate
himself under my supervision and guidance.

It is further certified that ----- has worked for more than
----- months in the Institute and has put in more than ----- days attendance
under me from the date of registration for the ----- Degree in this
Deemed University, as required under the relevant ordinance.

Izatnagar
Month, Year

Signature-----
Name:-----
Chairman Advisory Committee

CERTIFICATE - II

We the undersigned members of Advisory Committee of -----
 -----(name of the student) Roll No. ----- a candidate for the
 degree of ----- with the major discipline in -----
 agree that the thesis entitled -----
 -----may be submitted in partial
 fulfillment of the requirement for the degree.

We have gone through the contents of the thesis and are fully satisfied with
 the work carried out by the candidate, which is being presented for the award of ---
 ----- Degree of this Institute.

It is further certified that the candidate has completed all the prescribed
 requirements governing the award of ----- Degree of the Deemed
 University, Indian Veterinary Research Institute, Izatnagar.

Signature

Name
External Examiner

 Date

Signature

Name
Chairman
Advisory Committee
 Date

MEMBERS OF STUDENT'S ADVISORY COMMITTEE	
Name & Designation	Signature
Name & Designation	Signature
Name & Designation	Signature
Name & Designation	Signature
Name & Designation	Signature

REFERENCES

A. Journal Article

1. Pande, M., Das, G. K., Khan, F. A., Sarkar, M., Prasad, J. K., Pathak, M. C. and Kumar, H. 2013. Uterine infection influences size and follicular fluid composition of the largest follicle in Buffalo (*Bubalus bubalis*). *Reprod. Dom. Anim.* **48**: 79–84.

B. Simple Book

2. Tung, D. 1965. *Handbook of Diet Therapy*. 4th ed. Chicago, University of Chicago Press. 525 p.

C. Contribution to Composite Book/Edited book

1. Scott, K.J. 1992. The molecular analysis of barley resistance to powdery mildew. *In* : Shewry, Peter R. ed. *Barley: Genetics, Biochemistry, Molecular biology and Technology*. Oxford, C.A.B. International. pp. 481 – 496.
2. Bjorkhnam, O. 1981. Responses of different quantum flux dignities. *In* : Lange, L.O.; Nosel, P.S. and Zeigler, H. eds. *Encyclopedia of Plant Physiology*. V. 2A: *Physiological Plant Ecology*. Berlin, Springer – Verlag. pp. 57 – 107.

D. Conference/ Workshop/ Symposium/ Seminar/ Proceedings

1. Haranath, G.B., Suryaprakasam, T.B., Rao, A.V.N. and Somasekharam, G. 1990. Freezability of semen and fertility of frozen semen packaged in mini and medium French straws: a note. *In* : *Proceedings of 2nd World Buffalo Cong*, New Delhi, India. International Buffalo Federation, Roma, Italy. pp. 87–88.
2. Tung, D. 1971. Recent advances in numerical analysis of structural eigen value problem. *In* : *Tokyo Seminar on Finite Element Analysis*, Tokyo, November 5-7, 1973. *Theory and Practice in Finite Structural Analysis: Proceedings*. Tokyo, University of Tokyo. pp. 247-271.

E. Thesis

1. Rajoria, J.S. 2011. Studies on enzymatic changes and cholesterol efflux in relation to freezability in Tharparkar bull semen. Thesis, M.V.Sc. Deemed University, Indian Veterinary Research Institute, Izatnagar, India. 103 p.

F. Institution/ Society Publication

1. Central Building Research Institute. 1985. *Building for the 21th Century* Roorkee, Nemchand Bros. 125p.
2. International Rice Research Institute. 1977. *Annual Report for 1974*. Los Banos, IRRI. p 20.

G. Government Publication

1. India. Ministry of Food and Agricultural Expert Committee on the Prevention of Slaughter of Cattle in India. 1955. Report. New Delhi, Manager of Publications. 250 p.
2. India. Ministry of Finance. Bureau of Direct Taxation. Committee on Agricultural Wealth and Income. 1972. Report of committee on agriculture wealth and income. New Delhi, Manager of Publications. 178 p.

H. Genbank Accession

- Gupta, P. K., Rai, A., Yadav, M., Rai, N. and Saini, M. 2002. Nucleotide sequence of glycoprotein gene of rabies virus CVS-complete cds. Genbank Accession AJ506997.