

Dr. Yashwant Singh Parmar University of Horticulture & Forestry, Nauni – Solan
Academic Section, Office of the Registrar

No. UHF/Regr.(Acad)4-30/2022/- 29827 - 68

Dated: Nauni, the:- 12-10-2022

NOTIFICATION

On the recommendations of the Dean College of Horticulture, Dean College of Forestry and the Director of Research, the format for the preparation/ submission of the writeup of the Synopsis of thesis, as envisaged vide Academic Regulation 7.8.1 in respect of M.Sc. and Ph.D. students of this University, has been amended with immediate effect subject to its ratification by the Academic Council, as per annexure-I.

Registrar

Endst. No. Even/- 29827 - 68

Dated: 12-10-2022

Copy forwarded to:-

1. The Dean, College of Horticulture/ College of Forestry, Nauni (Solan)
2. The Dean, College of Horticulture & Forestry, Hamirpur (Neri)/ Mandi (Thunag)
3. The Director of Research/ Director, Extension Education/ Students' Welfare Officer/ Librarian, Dr. Y.S. Parmar University of Horticulture & Forestry, Nauni (Solan)
4. All Heads of the Departments, College of Horticulture/ College of Forestry, Nauni (Solan)
5. All Associate Directors/ Training Organisers of Regional Research & Training Stations/ KVKs of the University
6. The Secretary to the Vice-Chancellor, Dr. Y.S. Parmar University of Horticulture & Forestry, Nauni (Solan)

Registrar

Dr. Yashwant Singh Parmar University of Horticulture & Forestry
Nauni, Solan (HP) – 173 230
Guidelines for Synopsis of Thesis
(Academic Regulation 7.8.1)

1. Name of the student: _____
2. Admission No.: _____
3. Degree (MSc/PhD): _____
4. Department: _____
5. Discipline: _____
6. Major Field: _____
7. Minor Field: _____
8. Title of the Thesis: _____
9. Project Number: _____
10. Letter No. and date of approval of Programme of Studies: _____

- a) Introduction & Importance. It should also include gaps in research and expected outcome (Restricted up to 500 words for MSc. up to 750 words for PhD)
- b) Objectives: Matching with title of thesis and addressing the gaps in available knowledge
- c) A brief review of literature of work done in the University and outside
- d) Technical Programme of Work: In Detail except standard procedures (should include title of experiment, location(s), treatments, design, and observations or other essential details)
- e) References (to be given as footer references): Restricted up to 10-15 important references for MSc and 20 latest and important references for PhD from year 2000 onwards
- f) Use only symbols of SI units or other symbols such as α , β , μ etc and use only standard abbreviations if required.
- g) Facilities available in the department and collaboration with any other Department/Institute/University (specify details)
- h) Activity chart/timeline* of broad parameters of work may be included in the form of a quarterly schedule starting from the date of submission of synopsis as exemplified below:

Parameter/Months	January-March	April-June	July-September	October-December
Submission of synopsis				
Start of experiment				
Layout				
Observations				

***Monthly timeline for M.Sc. and quarterly for Ph.D.**

The above Timeline is only suggestive. Headings can vary. However, it should include all the major steps during the course of study.

Undertaking

It is stated that no part of the proposed research work has been carried out in the past in this University/ India/ Abroad as per available literature.

Signature of the student with date

Certificate

Certified that the synopsis of Mr/Ms. _____ has been formulated and finalized by the student himself/ herself in consultation with the members of the Advisory committee. The student has successfully delivered his/ her synopsis seminar on dated _____. The suggestions given by the members of the advisory committee have been duly incorporated. The synopsis has been formulated in accordance with the latest instructions of the Director of Research, Dr. Yashwant Singh Parmar University of Horticulture & Forestry, (Nauni) Solan (HP).

Advisory Committee

Name		Signature with date
	Major Advisor	
	Member	
	Member	
	Member	
	Member	

Head of the Department

Approved

Director of Research

Dean of the College

NOTE:

- i. The advisory committee constitution should be as per the latest academic regulation 7.2.1 (not more than four members in case of MSc student and five in case of PhD student or as amended from time to time).
- ii. In case, the facilities for carrying out the experiment (full or part thereof) are not available in the University, the consent of the laboratory or institution- where this work is to be done- may be obtained or MOU may be signed before submission of synopsis.
- iii. The student will submit only one copy of the synopsis in the 1st instance for its approval.
- iv. The synopsis should be typed on standard A₄ size paper (28 cm x 22 cm) with standard margin of 3.5 cm on both sides and 2.5 cm on top and bottom in Times New Roman font of 12 size with 1.15 line spacing. Bold font will be used for various headings in the synopsis.

- v. The Synopsis shall be submitted by the MSc student before the last date of addition of courses in the 2nd semester and by the PhD student before the registration for third semester.
- vi. References should be arranged first alphabetically and then further sorted chronologically if necessary. The references should be cited as a foot note. More than one reference from the same author(s) in the same year must be identified by the letters 'a', 'b', 'c', etc., placed after the year of publication. Use standard abbreviations of journals as per the List of Title Word Abbreviations available at www.issn.org. Where available the use of DOI of the article is appropriate. The citation pattern is presented below as per ASHS Publications Style Manual 2022:

Reference	Abstract
General format	Author(s). Year. Title (abstr). Journal. Volume(Issue):Page(s). DOI.
End reference	Bhasin A, Davenport JR, Hoheisel G and DeVetter LW. 2019. Exploring the potential of postharvest nitrogen applications in northern highbush blueberry (abstr). <i>HortScience</i> . 54(9S):S164.
In-text citation	(Bhasin et al. 2019)
Reference	Blog
General format	Author(s). Year. Title (blog post). URL. [access date].
End reference	Becker, D. 2014. When to include retrieval dates for online sources (blog post). http://blogapastyle.org/apastyle/2014/08/when-to-include-retrieval-dates-for-online-sources.html . [accessed 29 Jan 2022].
In-text citation	(Becker 2014)
Reference	Book
General format	Author(s). Year. Title (edition). Publisher, City, County/Province/State, Country. DOI.
End reference	Taiz L, Zeiger E, Moller IM and Murphy AS. 2018. Fundamentals of plant physiology (1st ed). Oxford University Press, New York, NY, USA. 656 p.
In-text citation	(Taiz et al. 2018)
Reference	Book chapter
General format	Author(s). Year. Chapter Title, Page(s). In: Editors (eds). Book Title. Publisher, City, County/Province/State, Country. DOI.
End reference	Fletcher SJ. 2014. qPCR for quantification of transgene expression and determination of transgene copy number, p 213–237. In: Fleury D and Whitford R (eds). Crop breeding methods and protocols. Humana Press, New York, NY, USA. https://doi.org/10.1007/978-1-4939-0446-4_17 .
In-text citation	(Fletcher 2014)
Notes	Page number ranges are preceded by “p” and a space and are linked with an endash. Page number ranges are not abridged.
Reference	Bulletin
General format	Author(s). Year. Title. Bulletin Name and Number.
End reference	Rollins HA, Howlett FS and Emmert EH. 2002. Factors affecting apple hardiness and methods of measuring resistance of tissue to low temperature injury. <i>Mich Agric Exp Stn Res Bull</i> 901. 43 p.
In-text citation	(Rollins et al. 2002)
Reference	Computer software, commercial
General format	None

End reference	None
In-text citation	None
Note	Commercial software (e.g., IBM SPSS Statistics, JMP, Microsoft Excel, Minitab, Qualtrics, SAS, SigmaPlot, Statistix, SYSTAT) should not be listed in the References Cited. Report trade name information in the text, tables, and figures using the same format as for other commercial products
Reference	Computer software, online
General format	Author(s). Year. Title of program. Source, City, County/Province/State, Country. URL. [access date].
End reference	R Core Team. 2019. R-3.6.2 for Windows. R Foundation for Statistical Computing. Vienna, Austria. https://cran.r-project.org/bin/windows/base/old/3.6.2/ . [accessed 4 Feb 2022].
In-text citation	(R Core Team 2019)
Reference	Computer software, published
General format	Author(s). Year. Title. Journal. Volume: Page(s). DOI.
End reference	Chen C, Chen H, Zhang Y, Thomas HR, Frank MH, He Y and Xia R. 2020. TB tools: An integrative toolkit developed for interactive analyses of ,big biological data. <i>Mol Plant</i> . 13:1194-1202. https://doi.org/10.1016/j.molp.2020.06.009 .
In-text citation	(Chen et al. 2020)
Reference	Conference proceedings paper
General format	Author(s). Year. Title. Proceedings Name. Volume: Page(s).
End reference	Locascio SJ, Fiskell JGA and Everett PE. 2000. Advances in watermelon fertility. <i>Proc Trop Reg Am Soc Hortic Sci</i> . 14:223-231.
In-text citation	(Locascio et al. 2000)
Reference	Dissertation
General format	Author. Year. Title (Degree Diss). University. City, County/Province/State, Country.
End reference	Li Q. 2010. Effects of light quality on growth and phytochemical accumulation of lettuce and <i>Salvia miltiorrhiza</i> Bunge (PhD Diss). Northwest A&F University, Xianyang, Shaanxi, China. 127 p.
In-text citation	(Li 2010)
Reference	Dissertation Abstract
General format	Author. Year. Title (Degree Diss/Thesis). University Name. City, County/Province/State, Country. Diss Abstr. Number.
End reference	Reeder JD. 1981. Nitrogen transformations in revegetated coal spoils (PhD Diss). Colorado State University, Fort Collins, CO, USA. Diss Abstr. 81-26447.
In-text citation	(Reeder 1981)
Note	Use only as a reference to the abstract in Dissertation Abstracts, not as a reference to the complete dissertation or thesis.
Reference	Horticultural or any other Abstract
General format	Author(s). Year. Title. Source. Volume: pages (Hortic Abstr. Volume: Abstract Number, Year).

End reference	Gherghi A, Bwrza I, Millim K and Tudosescu O. 1978. The behavior in controlled atmosphere storage of 'Jonathan' apples grown on different rootstocks (in Romanian). <i>Lucr Stiin Inst Cerc Val Leg Fruct.</i> 9:71-75. (Hortic Abstr. 48:10310, 1978).
In-text citation	(Gherghi et al. 1978)
Note	Use only as a reference to the abstract in Horticultural Abstracts, not as a reference to the complete article.
Reference	Journal article, advance online publication
General format	Author(s). Year. Title. Journal. [advance online publication]. DOI.
End reference	Havey MJ and Sunggil K. 2021. Molecular marker characterization of commercially used cytoplasmic male sterilities in onion. <i>J Am Soc Hortic Sci.</i> [advance online publication]. https://doi.org/10.21273/JASHS05083-21 .
In-text citation	(Havey and Sunggil 2021)
Reference	Journal article, article number reported
General format	Author(s). Year. Title. Journal. Volume: Article Number. DOI.
End reference	Lima REM, Fariasa LFL, Ferreira JFS, Suarez DL and Bezerrac MA. 2020. Translocation of photoassimilates in melon vines and fruits under salinity using ¹³ C isotope. <i>Sci Hortie.</i> 274:109659. https://doi.org/10.1016/j.scienta.2020.109659 .
In-text citation	(Lima et al. 2020)
Reference	Journal article, issue number reported
General format	Author(s). Year. Title. Journal. Volume (Issue): Page(s). DOI.
End reference	Chung H-Y, Chang M-Y, Wu C-C and Fang W. 2018. Quantitative evaluation of electric light recipes for red leaf lettuce cultivation in plant factories. <i>HortTechnology.</i> 28(6):755-763. https://doi.org/10.21273/HORTTECH104024-18 .
In-text citation	(Chung et al. 2018)
Reference	Journal article, issue number not reported
General format	Author(s). Year. Title. Journal. Volume: Page(s). DOI.
End reference	Haynes KG, Zotarelli L, Christensen CT, Walker S. 2019. Early generation selection within a diploid hybrid <i>Solanum tuberosum</i> Groups Phureja and Stenotomum population for the intense yellow-flesh creamer potato market. <i>HortScience.</i> 54:2118-2124. https://doi.org/10.21273/HORTSC113576-18 .
In-text citation	(Haynes et al. 2019)
Notes	Issue numbers are optional for journals that use continuous page numbers (i.e., only the first issue of each volume/year begins with page number 1).
Reference	Journal article, issue number required
General format	Author(s). Year. Title. Journal. Volume (Issue):Page(s). DOI.
End reference	Jackson LE, Ramirez IR, Yokota R, Fennimore SA, Koike ST, Henderson DM, Chaney WE and Klonsky KM. 2003. Scientists, growers assess trade-offs in use of tillage, cover crops and compost. <i>Calif Agric (Berkeley).</i> 57(2):48-54. https://doi.org/10.3733/ca.v057n02p48 .
In-text citation	(Jackson et al. 2003)

Notes	Issue numbers are required for journals that do not use continuous page numbers within a volume/year (i.e., the publication's pages are renumbered from 1 in each issue).
Reference	Journal article, unpublished, accepted for publication
General format	Author(s). Year. Title. Journal. [in press].
End reference	Li L, Tong YX, Lu JL, Li YM and Yang QC. 2020. Lettuce growth, nutritional quality, and energy use efficiency as affected by red–blue light combined with different monochromatic wavelengths <i>HortScience</i> . [in press].
In-text citation	(Li et al. 2020)
Note	Unpublished papers or manuscripts submitted for publication may not be used in the References Cited unless the work has been accepted for publication. In which case the work may be cited as “[in press]” at the end of the reference.
Reference	Journal article, unpublished, not accepted for publication
General format	None
End reference	None
In-text citation	(Posey GD III and Crawford BM, unpublished)
Note	The References Cited should not include journal articles submitted for publication that have not been accepted for publication. Where appropriate, unpublished articles can be noted parenthetically in the text. Identify each contributor to the unpublished article by surname and initial(s) (i.e., do not write et al.).
Reference	Journal article, URL reported
General format	Author(s). Year. Title. Source. URL. [access date].
End reference	Kelly K and Wehry R. 2006. Consumer interest in gardening topics and preferred information sources. <i>J Ext</i> 44(2):2R1B7. https://www.joc.org/joc/2006april/rb7.php [accessed 1 Aug 2021].
In-text citation	(Kelly and Wehry 2006)
Reference	Online resource
General format	Author(s). Year. Title. URL. [access date].
End reference	US Department of Agriculture, National Agricultural Statistics Service. 2019. Floriculture crops 2018 summary. https://www.nass.usda.gov/Publications/Todays_Reports/reports/floran19.pdf . [accessed 3 Mar 2020].
In-text citation	(US Department of Agriculture, National Agricultural Statistics Service 2019)
Reference	Patent, plant
General format	Patent inventor (inventor). Year. Title of patent. Patent holder (assignee). Patent Number. (file date, grant date).
End reference	Shaw DV and Larson KD (inventors). 2006. Strawberry plant named ‘Albion’. University of California (assignee). US Plant Patent 16,228. (Filed 29 Jan 2004, granted 31 Jan 2006).
In-text citation	(Shaw and Larson 2006)
Reference	Patent, utility
General format	Patent inventor (inventor). Year. Title of patent. Patent holder (assignee). Patent Number. (File date, grant date).

End reference	Williams D (inventor). 2005. Screwless clip mounted computer drive. Cargill Inc(assignee). US Patent 6,885,550. (Filed 24 Aug 2000, granted 26 Apr 2005).
In-text citation	(Williams 2005)
Reference	Report
General format	Author(s). Year. Title. Report Name and Number.
End reference	Domoto PA, Nonnecke GR, Tabor P and Riesselman LB. 2013. Cold hardy wine grapecultivar trial. <i>Iowa State Res Farm Prog Rep</i> 1915.
In-text citation	(Domoto et al. 2013)
Reference	Thesis
General format	Author. Year. Title (Degree Thesis). University, City, County/Province/State,Country.
End reference	Li Q. 2010. Effects of light quality on growth and phytochemical accumulation of lettuce and <i>Salvia miltiorrhiza</i> Bunge (PhD Thesis). Northwest A&F University, Xianyang, Shaanxi, China. 149 p.
In-text citation	(Li 2010)
Reference	Thesis Abstract
General format	Author. Year. Title (Degree Diss/Thesis). University Name, City, County/Province/State,Country. Diss Abstr. Number.
End reference	Reeder JD. 1981. Nitrogen transformations in revegetated coal spoils (PhD Thesis).Colorado State University, Fort Collins, CO, USA. Thesis Abstr. 81-26447.
In-text citation	(Reeder 1981)
Note	Use only as a reference to the abstract in Dissertation Abstracts, not as a reference to the complete dissertation or thesis.
General format	None
Reference	Unpublished information
End reference	None
In-text citation	(Purkiss HC, unpublished data); (Longwood Gardens, unpublished information);(Huang B, personal communication)
Note	The References Cited should not include unpublished work, personal communications, privileged data, or any other information that cannot be corroborated by a third party. Where appropriate, unpublished information can be noted parenthetically in the text. Identify each contributor to the unpublished information by surname and initial(s) (i.e., do not report et al.). Authors should not cite their own or a coauthor's unpublished information as personal communications.

- vii. The papers/literature published in predatory/fake/cloned journals (as per UGC CARE List) should not be cited. The cited journals should preferably be listed with rating in the latest National Academy of Agricultural Sciences Journal Rating List or should be listed in Clarivate's Journal Citation Reports®.