



**CHANDIGARH UNIVERSITY UTTAR PRADESH, INDIA**



## **Guidelines for Research Synopsis of Ph.D. Program**



# Chandigarh University Uttar Pradesh

## Ph.D. Program

### Guidelines for the Research Proposal / Synopsis:

1. As per provisions of the CU Uttar Pradesh, Ph.D. Ordinance No. ----, on successful completion of the Course Work examination, the Ph.D. scholars would become eligible for starting their proposed research work.
2. Every Ph.D. scholar is required to undertake extensive and original research in their chosen field. The nature of the proposed research enquiry could be in innovative basic research, applied research or development research. The topic chosen should have a focus on and applicability in industry/ societal problems/ environmental issues/ policy making (Govt./Pvt. Sectors). The research proposal must emphasize on solving issues/problems at local, national or international level. The research outcomes should help to develop new understanding and insight in the above mentioned issues and should lead to IPR (patents/ copyrights/ design/ prototype)/ new innovations/ quality publications/ social contributions/ policy making.
3. The Ph.D. scholar will be allocated a Supervisor in their respective departments who shall facilitate the candidate to finalize the topic of research, develop the study design and methodology of the proposed research. Once the research Supervisor and Co-supervisor (if any) are finalized, the scholar is required to submit the duly completed Consent Letter from them as per **Annexure-I**.
4. The scholars must finalize their proposed research topic in consultation with their Supervisor, within a maximum period of 18 months (including the period of Course Work) from the date of admission to the Ph.D. program.
5. **Written Research Synopsis:**  
The Ph.D. scholar is required to prepare a written Research Synopsis/ Research Proposal on the topic of research which would be undertaken by him/her. The Synopsis, duly signed and recommended by the respective Ph.D. supervisor must be submitted to the Research and Development Cell of the University in both hard and soft copies within six months from date of declaration of Ph.D. course work result, as per guidelines given below.

The research synopsis is the plan for the research project. The Research Proposal must:

- Outline the proposed research topics in the context of previous work
- Highlight the candidates' awareness of current debates within the field
- Demonstrate a suitable level of analysis
- Identify relevant gaps in current knowledge (viz. the rationale for the research)
- Suggest a relevant research hypothesis to fill some of these gaps (as per aims and objectives)

- Explain the intended research methodology in sufficient detail (include proposed methods for data collection and recording formats and/or questionnaires and interview guides)
- Discuss the implications of the expected outcomes to real-world policy

For the above, the Scholar is required to fill in and submit Form (as per Annexure-II) and submit the same with the Research Synopsis, for scrutiny by the RAC.

The plan of the research synopsis should be of minimum 1,500 words (1.5 spaced), which must exclude the title page, supervisor consent letter, declaration page, index page, references and appendices (if any).

The Ph.D. Scholars are required to submit 6 copies of the Written Synopsis which must be prepared according to the format as annexed.

- Title page:** As per Annexure-III.
- Declaration by Candidate Certified by Supervisor:** As per Annexure-IV
- Plan of the Research Proposal viz. Research Synopsis:** As per Annexure-V

#### 6. Synopsis Presentation:

After submitting the written synopsis, the scholar is required to present the proposed work in a presentation and defend it in an open seminar in presence of the respective Research Advisory Committee (RAC). The seminar presentation should be in the form of a **Power Point (PPT)**.

Duration of the Presentation:	Maximum 20-30 Minutes
Font:	Times New Roman
Background of the slide:	White
No. of Slides:	Maximum 30
Storage medium:	USB device such as pen drive/Laptop etc.

The presentation must include the identified research gaps and the potential of the research for creating new knowledge, social applicability and policy implications. The scholars must be well updated about the recent developments and trends in the proposed area of research. She/he must be confident and able to answer the queries raised by the panel members effectively. The scholar should also be open to the observations and pertinent suggestions of the Research Advisory Committee members.

The recommendations of RAC for the Research Title & Synopsis of Ph.D. Scholar (Annexure VI) will be forwarded to the Research and Development Cell by the respective Chairperson of the RAC.

7. Following the approval of the RAC, the Research and Development Cell will issue a formal letter of approval of the Research Title and Research Synopsis to the Ph.D. scholar.
  - a) If any minor changes/modifications are recommended by the RAC, the Ph.D. scholar is required to incorporate the same and resubmit the synopsis in Research and Development Cell. There will be no need for repeat presentation before RAC.
  - b) If the synopsis is not found to be satisfactory by the RAC, the scholar is allowed to submit and make another presentation in front of RAC with an updated, revised research title and synopsis (as required) for approval within six months. The presence of external experts will be mandatory for any major changes/modification.

8. After approval by the RAC, and if applicable, the Research Synopsis will be sent through proper channel to the concerned Ethics Committee (as per annexure VII).
  9. The Ph.D. scholar may start his/her research work after receipt of the formal letter from the Research and Development Cell. During the period of research work, all categories of Ph.D. scholars shall be regularly in touch with their supervisors and give at least one seminar in each semester on experiments/ fieldwork/ library work done. Except for Part time scholars, other categories of scholars shall be generally available in the respective department unless they are engaged in experiments/ field work/ library work elsewhere with prior documented permission of the supervisor and due notification to the Research and Development Cell of the University.
  10. Following receipt of the formal letter from the Research and Development Cell to start research work, each Ph.D. scholar shall continue to pursue his /her respective research work in a timely manner and shall mandatorily submit six monthly progress reports in the prescribed format through proper channel, until the pre-Ph.D. presentation of the thesis.
  11. Following approval of the thesis in the pre-Ph.D. presentation, the scholar is required to follow the guidelines for final submission of the Ph.D. thesis in prescribed format.
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## Chandigarh University Uttar Pradesh, Unnao

### Consent Letter from Supervisor

(To be submitted by the Ph.D. Scholar along with the Research Synopsis, to the Research and Development Cell, CU)

Date:

To,  
Research and Development Cell (CRADLE cell)  
Chandigarh University Uttar Pradesh,  
Unnao, 209859, UP

I, Dr./Prof. ...., working as .....(Designation) in the  
Department of ....., School of .....in Chandigarh University  
Uttar Pradesh, hereby give my consent to be the Research Supervisor for Ms./Mr.  
..... bearing Registration No. .... in the broad area of  
research.....

I also certify that Ms. / Mr. .... does not have any blood relation/close  
relation with me.

**Signature of the Supervisor:**

Email ID of Supervisor:

Mobile No. of Supervisor:

No of Research Scholars Registered  
with Supervisor:

**Name of the Research Scholar:**

Signature of Research Scholar:

Registration No:

Department:

Program:

**Signature of Head of the School/Institution**

**Signature of In-charge, Research and Development Cell**

**RESEARCH SYNOPSIS SUBMISSION FORM**

(To be submitted by the Ph.D. Scholar along with the Research Synopsis, to the Research and Development Cell, CU-UP)

Ph.D. Scholar Name: ..... Registration No.: DD.....

Supervisor: ..... Discipline: .....

Co-Supervisor (If applicable): .....

Proposed Title of Research: .....

.....

Please read the questions carefully and fill the appropriate response(s).

Please tick the most suitable response. You can select more than one option.

Q1: Will the proposed research topic/area produce new knowledge in the concerned discipline?

Yes  No

If Yes, give the brief description in 4-5 lines.

Q2: Will the proposed research work address any of the following?

Societal (NGO's) Issues  Industrial Issues  Government Issues (policy making etc.)

Business Issues  Environmental Issues  Conceptual  Enrich the discipline

Any Other

Give the brief description in 4-5 lines for the selected option.

Q3: At what level does the proposed research topic address problem(s)?

Local level  National level  International Level

Give the brief description in 4-5 lines for the selected option.

Q4: Does the proposed topic have the potential to get funding from government/private agencies such as:

DST  CSIR  DRDO  DBT  ICAR   
ICSSR  Any other/private

If Yes, mention the emerging area of selected agency covered by your research work.

Q5: Will the proposed research topic of study lead to any of the following?

Patents  Design registration  Copyright  Prototype   
Quality publications  Policy making  Social contributions

Give brief description for the selected option.

Q6. Are the following parameters being followed during synopsis writing?

a) Whether literature survey is relevant, up-to-date and adequately done to finalize the research topic?

Yes  No

b) Has the research gap been identified properly and mentioned in the report?

Yes  No

<p>c) Is the methodology appropriately mentioned and can be achieved within stipulated time period for the proposed research work?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>
<p>d) Does the proposed research work contain adequate data analysis techniques, tools/equipments?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>
<p>e) Are the proposed variables to be studied sufficient and appropriate to the study?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/></p>
<p>f) Is Gantt chart / timelines related to yearly achievement mentioned in the proposed work?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>
<p>g) Whether plagiarism of the proposal is within the prescribed limit?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If No, give reason:</p>
<p>Remarks for Q6:</p>

Signature of the Scholar (with date)

Signature of the Supervisor / Co- Supervisor (with date)

**“INVESTIGATION OF THE EFFECT OF STINGING  
NETTLE EXTRACT ON NEUROLOGICAL ALTERATIONS  
DURING COMORBIDITY OF DEPRESSION AND TYPE 2  
DIABETES”**

Font 18  
Times  
New  
Roman,  
Bold,  
all caps



**CHANDIGARH  
UNIVERSITY**  
Discover. Learn. Empower.

4.7 cm

3.8 cm

**SYNOPSIS SUBMITTED**

By

**Name of the Scholar**  
Registration No.....

Under the guidance of  
**Name of the Supervisor**  
**Designation of the Supervisor**

Font 14,  
Times  
New  
Roman

For Ph.D. Degree in \_\_\_\_\_

**Chandigarh University**  
**Unnao, Uttar Pradesh**  
**India**

Font 20,  
Times  
New  
Roman,  
Bold

**DECLARATION**

I hereby declare that the research synopsis entitled  
“.....  
.....” is my own original work and it  
has not formed the basis for the award of any degree, diploma, associateship or fellowship of similar  
other titles.

**Signature of Ph.D. Scholar:**

**Name of Ph.D. Scholar:**

**Department:**

**Signature of Supervisor:**

**Name of Supervisor:**

**Designation:**

**Department:**

**Signature of Co-Supervisor (if any):**

**Name of Co-Supervisor:**

**Designation:**

**Department:**

**Format for Written Synopsis**

(Research Synopsis format as detailed below is to be strictly followed by the Ph.D. Scholar)

**The arrangement of parts of the Ph.D. Synopsis should be as follows:**

**1. Cover Page (As per Annexure - III)**

The cover page must include

- The title of the thesis
- Name of the Ph.D. scholar, Name of the supervisor & name of the department
- Month and Year of submission of synopsis
- The emblem of CU

**2. Declaration Certificate from Supervisor (As per Annexure - IV)**

**3. Plan of the Research Project viz. Research Synopsis:**

The following guidelines should be followed in the preparation of Ph.D. synopsis which includes an overall outline of the thesis being prepared. The layout of the Research Synopsis shall contain the following heads:

**(i) Introduction:** This should include -

- Brief write up about the intended area of research
- Scope towards Societal Issues/ Industrial Issues/ Government Issues (policy making etc.)/ Business Issues/ Environmental Issues/ Conceptual Aspects/ Enrichment of the discipline etc., which covers issues at local/ national or international level.

**(ii) Review of Literature:** This part should -

- Include a relevant, adequate, updated and detailed review of literature
- Have authoritative as well as latest references
- Conclude with the identification of research gap

**(iii) Aims & Objectives:** Broad objectives of the Research as are visualized to be achieved. These should be realistic, clearly stated & mutually exclusive. This part should -

- Specify the major aspects of the study to be undertaken
- Indicate the stipulated time for the work

**(iv) Materials & Methods:** The intended research methodologies for carrying out the proposed research must include in sufficient detail the -

- Sample design and size
- Methods proposed to be adopted for data collection / recording formats / questionnaires / interview guides etc.
- Tools and equipments to be used

**(v) Timelines of the Proposed Research Work:** The timelines of the proposed work should be framed as per what is to be achieved in each year.

**(vi) References:** Only those references, which are cited in the synopsis, need to be given in the list of references. The Vancouver style of referencing must be followed for citing/quoting the

references (from journals/ conferences/ books/ book-chapter/ proceedings/ thesis etc.) as well as in the list of references at the end of the synopsis.

<b>Formatting Requirements for Written Research Synopsis</b>	
Font Size	12 Times New Roman
Line Spacing	1.5
Paper Size	A4 (Both side printing)
Margins	1.25" from left side and 1" from all other sides of the page.
Page Orientation	Portrait
Page Numbers	Bottom & centered (1, 2, 3...)
Paragraph Alignment	Justified
No. of Copies to be Submitted	6 hard copies before the day of synopsis presentation

**NOTE: Synopsis will not be accepted without the signatures and recommendation of the Supervisor.**

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**Chandigarh University Uttar Pradesh  
Research and Development Cell**

**Recommendation(s) of RAC for Research Title & Synopsis of Ph.D. Scholar**

(To be submitted to the Research and Development Cell by Chairperson on completion of the RAC)

The research synopsis presentation of Mr./Ms. ....  
(Registration No. DD ..... ) in respect of Ph.D. in .....  
was held on date ..... in the Seminar Room of the Department of .....,  
Chandigarh University Uttar Pradesh.

**Research Synopsis Titled “**.....  
.....”

**Following are the members of Research Advisory Committee (RAC):**

Sl. No.	Name of the Faculty/Expert	Designation in RAC
1	Dean	Chairperson
2	Research Supervisor	Convener
3	One Professor/Associate/ Assistant Professor	Member
4	Co-Supervisor (if any)	Member
5	External Expert - 1	Member
6	In-Charge Research and Development Cell Development Cell	Special Invitee

**The Research Advisory Committee (RAC) has made the following recommendation(s)-**

**(A) Choose any one as applicable:**

1. The title as well as the proposed research plan, as contained in the contents of the research synopsis, was found satisfactory and suitable for submission. The committee approves the Research Synopsis without any amendments. The candidate is asked to submit the synopsis as such in the proper format.

**OR**

2. The research title as well as synopsis was found to be satisfactory. However, certain minor revisions/ modifications are required to be incorporated in the synopsis which are as per the following suggestions of the RAC. The candidate is asked to re-submit the synopsis after incorporating the modifications as recommendations of the RAC

- a) .....
- b) .....
- c) .....
- d) .....
- e) .....

**OR**

3. The synopsis was **not** found to be satisfactory. Therefore the RAC does not approve/recommend the research title and synopsis of the candidate for research work. However, scholar is allowed to make another presentation in front of RAC with an updated, revised research title and synopsis (as required) for approval within six months.

State the reason(s) for rejection of the Research Synopsis:

.....  
.....

**(B) Ethics Clearance:**

1. Is there a requirement of obtaining Ethical Clearance of the research synopsis?

**YES / NO**

2. If 'YES' then indicate below which committee will examine the research synopsis. (Please tick the relevant option.

**Ethics Committee / Animal Ethics Committee / Other (Please specify) .....**

3. If 'NO' then mention the reason below:

.....  
.....

**Signatures of RAC Members after due verification of the above recommendations.**

Sl. No.	Name of the Faculty/Expert	Designation in RAC	Signature (with date)
1	Dean	Chairperson	
2	Research Supervisor	Convener	
3	One Professor/Associate/ Assistant Professor	Member	
4	Co-Supervisor (if any)	Member	
5	External Expert - 1	Member	
6	In-Charge Research and Development Cell Development Cell	Special Invitee	

**Chandigarh University Uttar Pradesh**  
**Research and Development Cell**

(To be submitted by the Ph.D. Scholar to the Ethics Committee as per recommendation of the RAC)

Date of submission:

From:

(Name, address, and contact details of the Ph.D. scholar)

To:

Chairperson/Member Secretary,  
Ethics Committee  
Chandigarh University  
Uttar Pradesh, Unnao, 209859, UP

**Through Proper Channel**

Dear Sir / Madam,

**Sub: Ethical clearance for the Ph.D. Research Synopsis.**

I am submitting herewith my Ph.D. Research Synopsis entitled “.....  
.....” in hard and  
soft copy, as required, for kind consideration and due approval by the Ethics Committee of the University.

Thanking you,

Yours faithfully

Name & Signature of the Ph.D. student

Encl. As above

**Remarks of the Supervisor with name, signature and seal:**

**Remarks of In-charge, Research and Development Cell:**

**Final Remarks of the Ethics Committee of the University:**



