

GUJARAT TECHNOLOGICAL UNIVERSITY

Guidelines for Research Proposal Preparation for PhD Candidates

1. The selection will be based on relevant content of the research proposal, research aptitude, presentation followed by question-answers, Publication/Presentation in Journals/Conference, and PG & UG Degree marks. However the final allocation of seat will depend upon the availability of supervisor in the relevant field.
2. Candidates who have successfully cleared the screening test will be called for a presentation of their research proposal. Candidate may contact approved supervisors, from the list displayed on website of Gujarat Technological University (GTU), to discuss their research interest. They can specify their preferred supervisors from the list of GTU list of approved supervisors. But the final allocation of each candidate to a supervisor shall be done by the University.

Guidelines for Research Proposal:

Candidates should approach an expert from the GTU Supervisor list and discuss their area of interest in research. Literature review is a must for identifying the research gap. The interview panel will be examining the strength of your literature review. You will be required to demonstrate to the panel, how well have the papers from standard journals been read and analysed.

Thus your proposal should clearly demonstrate that

- a) a good literature review has been carried out,
- b) the work you propose to do, has not been tried earlier and
- c) it will make a substantial impact in the domain of industry or society.

Candidates are required to submit research proposal of 8 to 10 pages at the time of presentation. The research proposal should include:

- Proposed topic of research (title page)
- Name, designation and affiliation of the candidate (title page)
- List of proposed supervisor (in order of preference) (title page)
- Introduction
- Literature survey
- Technology gaps
- Problem definition and objective of research work
- Tentative Plan of Work
- References

The research topic should be very specific and should not be generic.

Guidelines for presentation:

- Title slide should contain proposed research topic, name of candidate and proposed names of supervisors
- Second slide should give outline of the presentation
- Subsequent slides should describe the various aspect/ topics of the research proposal in proper sequence as described above.
- Reference should be given on relevant slide as a footnote.
- Slide should not have too much text. Avoid reading from your slides. Remember these slides are to remind you of the main points that you wish to present. So practice with your friends, as an audience, before coming to your interview. Try and explain your point to the panel in your own words and not by directly reading every word on the slide.
- Present the content in bulleted form rather than long paragraphs
- Text/ Figures/ Tables should be legible. Highlight what you want to show to the panel from such pictorial displays.
- Normally duration of the presentation will be 12-15 minutes, followed by question-answers.

WISH YOU ALL THE BEST