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| **GENERAL INSTRUCTIONS FOR SYNOPSIS WRITING**  Following instructions should be considered while preparing and writing a synopsis/research proposal     1. Be brief, accurate and to the point. 2. Avoid repetition or duplication of ideas. 3. The standard font shall be Times New Roman of 12 pts with 1.5 line spacing. 4. Organize the material in a sequence as given in this template of synopsis. 5. Avoid unnecessary details. However, give all the facts necessary for this synopsis. 6. The paragraphs and sentences should be short and comprehensive. 7. Avoid long and complex or unclassiﬁed data. 8. Provide a complete and suitable title for every table, figure and illustration which should be self-explanatory. 9. Citation of references should be included in the text and quoted in the list of references at the end of synopsis. 10. Use APA style for citation and reference/bibliography |

**Research Proposal/Synopsis for MS Thesis**

**Department of Computer Science and Information Technology**

**1. Name of the Student:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2. VU ID:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **3. Session:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**4. Semester:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **5. Field of Specialization:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6. Title of Research Proposal:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**7. Date of Enrolment in Research:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**8. Duration of Proposed Research:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**9. Total Funds Requested (if any) Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(**Rupees **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)**

**===============================================================================**

**Supervisor, Supervisory Committee (SC) Information**

**1. Name of Supervisor:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Designation:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Email ID:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Affiliation:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2. Name of Supervisory Committee (SC) Member 1:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Designation:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Email ID:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Affiliation:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3. Name of Supervisory Committee (SC) Member 2:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Designation:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Email ID:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Affiliation:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Topic *[1 to 3 lines]***

Write clear, well defined and comprehensive research topic in Title Case

**Abstract/Summary *[1 to 2 paragraphs]***

The abstract should be comprehensive as per standards used in general research thesis and articles.

**Introduction (Need/Motivation of the Present Research) *[1-2 page]***

You have to provide the complete motivation of your choice to work on this topic. Also a brief defence of your topic that this work has not already been done. You may include references in this part.

**Research Question(s) *[Minimum 1 research question]***

Write at least one research question that should be clear and focused on the research topic.

**Research Objectives [3 to 5 lines]**

Write measurable research objectives in 3 to 5 lines

**Socio-Economic Importance/Benefits (if applicable) [3 to 5 lines]**

Write possible socio-economic benefits that could be achieved through this research.

**Review of Literature *[2 to 3 pages for MS/M.Phil and maximum 10 pages for PhD]***

*Review of literature can be any one of the following styles*

* *Chronological*
* *Subjective/Book*

**Methodology/Research Design [2 to 4 pages]**

Provide details of the methodology to be adopted to carry out this research. Also, give a brief description of the tools and design to be used of the analysis and validation of your work.

**Risk Analysis and Management (if applicable) [1 Page]**

Use this section to describe any expected risk and the strategy to overcome such risks, if applicable.

**References/Bibliography**

Note: Only include those references that are cited/merged in the text.

(It is preferred that 50% citation should be from the latest publication of 5-years)

*(For reference use APA style)*

**Gantt Chart (to be used as guideline) *[Separate Page]***

Provide activity Plan relevant to research/objectives.

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| **Specific Objectives** | **Activities** | **Semester-I** | | | | **Semester-II** | | | |
| **Month-I** | **Month-II** | **Month-III** | **Month-IV** | **Month-I** | **Month-II** | **Month-III** | **Month-IV** |
|  | Literature’s Survey |  |  |  |  |  |  |  |  |
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| III |  |  |  |  |  |  |  |  |  |
|  | Thesis writing & Submission |  |  |  |  |  |  |  |  |

**Details of Funds/Expenditure (if applicable) *[Maximum 1 page]***

Provide detail of funds and expected expenditure on this research such as Consumable/Chemicals/field Survey/Transport etc.

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| **S. No.** | **Details** | **No(s)** | **Unit Rate** | **Total** |
| 1 | Consumables & Chemicals |  |  |  |
| 2 | Surveys or Transport |  |  |  |
| 3 | Contingencies |  |  |  |
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| **Grand Total** | | | |  |

**Student Signature**

**Date:** \_\_\_\_\_\_

**DECLARATION**

We hereby agree to supervise the research work as per above proposal/synopsis.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Signature of Supervisor**

**Signature of SC Member 1 Signature of SC Member 2**

**FOR VU THESIS SUPERVISOR USE ONLY**

**Date: \_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_**

*Note: Hard and soft copy of synopsis/research proposal must be submitted to secretary ASRB for final approval.*

**Profile of Supervisor**

**Name of Supervisor:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Designation:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Total No. of Impact Factor Research Publications during last 5 years: \_\_\_\_
* Total No. of Publications without Impact Factor during last 5 years: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Ongoing**  **Research students** | |
| Number of MS/M.Phil. students | Number of PhD students |
|  |  |

**Signature of Supervisor**

|  |  |
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| Endst. No. \_\_\_\_\_\_\_\_\_\_\_ | Dated:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

The Proposal entitled “ ”duly recommended by the Graduate Research Committee (GRC) in its meeting held on \_\_\_\_\_\_\_\_\_\_ is forwarded to ASRB through the Dean of the Faculty for approval and allocation of funds (if requested).

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|  | **Signature / Seal**  **Chairperson of the Department**  **Date: \_\_\_\_\_\_\_\_\_\_\_** |
| **Signature / Seal**  **Dean of the Faculty**  **Date: \_\_\_\_\_\_\_\_\_\_\_** | **Signature / Seal**  **Secretary ASRB**  **Date: \_\_\_\_\_\_\_\_\_\_\_** |