



**GANDHARA UNIVERSITY**  
ADVANCE STUDIES & RESEARCH BOARD  
CANAL ROAD, UNIVERSITY TOWN  
PESHAWAR, PAKISTAN

+92-91-5619671-6 (Ext:167)

+92-91-5844428

No: \_\_\_\_\_

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

**RESEARCH PROPOSAL TEMPLATE**

**Title (not to exceed 50 words):**

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**Name of Candidate:** \_\_\_\_\_

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

**Co-Supervisors:**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

**Duration of Project:** \_\_\_\_\_

**Institute**

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**Name & Signature of Student/Scholar:** \_\_\_\_\_

**Name & Signature of the Supervisor:** \_\_\_\_\_

**Name & Signature of Head of Institute:** \_\_\_\_\_



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**1. TITLE (not to exceed 50 words):** Should reflect objective of the study.

**2. INTRODUCTION:** (must include problem statement, background information and rationale 250-300 words)



**3. RESEARCH QUESTIONS:**

**4. OBJECTIVE(S):** (must be stated in measurable terms and starting with an action verb)

**5. OPERATIONAL DEFINITIONS:** (All variables of study must be clearly defined in detectable terms)

**6. HYPOTHESIS (If required):** (only the alternate hypothesis must be clearly stated aligned with objective)



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**7. MATERIALS AND METHODS:**

**7a. Study Design:**

**7b. Study Settings:**

**7c. Study Duration:**

**7d. Sample Size:** (with justification of its calculations and reference used):

**7e. Sampling Technique:**

**8. SAMPLE SELECTION:**

**8a. Inclusion Criteria:** (What type of subjects or material is to be included in the study)

**8b. Exclusion Criteria:** (What type of subjects or material is to be excluded from the study and why excluded)



**9. DATA COLLECTION PROCEDURE:** (Detailed inclusion of subjects and data collection plan, including briefs about laboratory procedures, surgeries etc. Must clearly explain how the researcher will flow his data collection plan right from start till finishing the follow up on subjects or material.

**10. DATA ANALYSIS PROCEDURE:** Detailed description of type of analysis plan according to type of variables and study design, statistical tests (if required), stratification of confounders/effect modifiers, presentation of results etc. must be clearly mentioned.



**11. ETHICAL CONSIDERATION:**

**12. REFERENCES:** In Vancouver style.

**ANNEXE:**

**Annexure 1: Data Collection Instrument**

**Annexure 2: Gantt chart**

**Annexure 3: Budget**

**Annexure 4: Consent Form**

**Annexure 5: Plagiarism certificate**

**Annexure 6: Ethical certificate**

**Annexure 7: Any other Relevant Material (if applicable)**

# Annexure 2 Gantt Chart

Tasks	Weeks																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Submission of Proposal																									
Approval of the Synopsis																									
Data Collection																									
Literature Review																									
Data Analysis																									
Final Submission and Approval																									