**Guidance for Research Proposal**

1. **Summary :**  Should not exceed 1 (One) page with following sub-titles.
3. Name of candidate / Designation / Place of posting (if applicable)
4. Place of proposed research work and name of Organization / Institute / Department
5. Broad area and Specific area: Pre clinical / Para clinical / Clinical. Mention specific

subject area.

2. Name of proposed supervisor (s) .
3. Designation and name of organization / institute
4. Proposed topic of research : ( Maximum 25 words) “ Title Case” , not lengthy.
5. Objective of proposed research : ( Maximum 25 words)
6. Background of present study : ( Maximum 100 words). Expected to produce and original

contribution by the candidate.

1. Methodology : ( Maximum 100 words)
2. Expected outcome : ( Maximum 100 words)
3. **Outline of proposed research topic (Synopsis format) :**
4. Proposed topic of research : specifying the area of work not too lengthy “Title Case”
5. Objective of research : General and specific (Write point wise)
6. Research Hypothesis
7. Back ground of research : a) Rationale of study (Justification of present study)

b) Introduction

1. Review of literature (related publications)
2. Gap in existing research , Present status, unresolved issues if any.
3. Relevance and expected outcome of proposed study
4. Methodology : Materials, methods and Logical plans to be followed for current research
5. Study design / Experiment design i) Data collection and interpretation
6. Study setting and timelines j) Laboratory investigations, parameters
7. Place of study and procedures
8. Period of study k) Outcome definition and parameters
9. Study population l) Other issues relevant to research work
10. Sample size / design
11. Case, control required or not
12. Inclusion / Exclusion criteria
13. Study variables

(All points may not be applicable for a particular research work.)

1. Statistical analysis plan : Organization in identifiable sections, study variables, statistical

interpretation .

1. Ethical clearance
2. Work Plan : Activity schedule of research work
3. References : (Minimum 12 – 20 ) Follow appropriate guidelines for citing references.