PLAIN OF WORK & METHODOLOGY

A. Data Analysis with appropriate Literature and through Internet Facilities.

B. The cestode parasites will be collected, Flattened in between slides for 24-hours and preserved in 4% Formalin. Stained with Harris Haematoxylene, after dehydration mounting in D. P. X.

C. Drawings will be taken with Camera Lucida for detail Anatomical Studies.

D. The identified slides will be traced for Figures and Microscopic Photography.

E. The permanent slides will be Deposited in the P. G. Centre of Zoology, Krishna Mahavidyalaya, Rethare (Bk.), M. S., India.

PHASE – I

• Review of Literature and Reference work.
• Finalization of Study Area and collection of parasites.

PHASE – II

• Reference work will be continued.
• Collection of Parasite will be made from different Tahasil / localities of the region.
• Description of species will be started.

PHASE – III
• Description of parasites will be continued.
• Sketches will be drawn and Photographs will be taken of parasites collected up to date.
• Few Papers will be send for Publication in the Journals.

**PHASE – IV**

• All above aspects mentioned under phase No. III will be continued.
• Identification, Results and Discussions will be finalized.
• The Writing and Submission of Thesis.

**FIRST CHAPTER:** Will contains the NATIONAL and INTERNATIONAL status of topic and review of literature.

**SECOND CHAPTER:** Will be devoted for MATERIALS and METHODS adopted for completion of work.

**THIRD CHAPTER:** Will be devoted for the RESULTS which will contains the DESCRIPTION of cestode parasite of poultry birds, mammals and fresh water fishes of Pune and Satara districts. This chapter will also contain the INDEX of host parasites of the region and required KEY for identification. It will also contain the Camera Lucida Sketches and Photographs of the parasites studied.

**FOURTH CHAPTER:** Will be devoted for SUMMARY of the thesis.

**FIFTH CHAPTER:** Will contain the BIBLIOGRAPHY referred.