. METHODOLOGY

A. Experimental and Survey of Research area: -

The area selected for present study is tribal area of Palghar district. It has 7 talukas. Jawhar, Vikramghad, Mokhada, Wada and Dahanu, these talukas fall in Jawhar forest region, Tungareshwar forest range fall in Vasai taluka has major tribal population. Jawhar, Mokhada and Vikramghad these areas are selected for comparative study of collection of sample.

B. Collection of sample: –

The sample i.e. plant material collected for study includes -

1) Non conventional fruits eaten and sold.
2) Wild fruits consumed but not grown.
3) Non conventional vegetable eaten and sold.
4) Wild vegetable consume but not grow.
5) Traditional method of collection, consumption, processing and preservation of edible plant materials.

C. Study of nutritional Values: - The nutritional values of wild edible plant parts and fruits will be analyses using standard methods.

D. Study of anti nutritional compound: - Presence of anti nutritional compound in edible samples will be analyzed using standard methods.

E. Study of antioxidant compounds: - Presence of antioxidant compound in edible samples will be analyses by standards methods.

F. Processing: - Methods for preservation and processing of selected fruits and vegetable will be standardized on scientific processing technique.
6. WORK PLAN:

1. Literature survey for references and reviews.
2. Survey of Research area.
4. Identification of plants and authentication.
5. Analysis for Nutritional value in collected plant materials.
6. Analysis for Ant nutritional and Antioxidant in the collected plant material.
7. Interpretation of data.