0 WORK PLAN AND METHODOLOGY:

5.1 DESIGN OF THE STUDY:

Present study will be a developmental-cum-experimental study. The researcher will adopt a ‘pre-test post-test control group’ design. For the purpose of studying the effectiveness of the programme, with three different modes of presentation for enhancing listening skill along with that three parallel experimental groups, will be taken. The study will be conducted in following three phases:

• Phase – IDEVELOPMENT OF THE PROGRAMME

The researcher will follow the steps mentioned hereunder before developing the programme;

1. **Review of Related Literature in the Field**: The researcher will carry out a thorough study of Standard-VIII English Textbook of Gujarati Medium, prescribed by Gujarat State School Textbook Board (GSSTB), Gandhinagar, and Gujarat Council for Educational Research and Training (GCERT), Gandhinagar. The researcher will also go through various books, articles on English language teaching and the authentic material relevant to the present study.

2. **Selection of the Relevant Content and Sequencing Pattern**: The researcher will select relevant content from the books, articles as well as the authentic materials that she will come across during pre-programme period. After selecting the relevant content, the researcher will arrange the same in a logical order. The selected content will be based on various listening activities, i.e. listen and fill blanks, listen and count, listen and match etc. and such activities will be followed by the work-sheets to be filled in by the students, themselves.

3. **Selection of Teaching Methods, Techniques and Technologies**: The researcher will closely examine various methods, techniques and approaches of teaching English as a Second Language. The researcher
will also explore the possibilities of use of latest digital technologies for developing the programme.

(4) Development of Tools: Primarily, a programme will be developed along with pre-test, post-test and a reaction scale having 20 statements with the help of selected content.

(5) Experts’ Suggestions: Pre-test, post-test and the programme developed along with reaction scale will be shown to the experts in the field of English teaching and IT and the suggestions, if any, given by them will be incorporated in the programme.

(6) Pilot Study: Pre-test, post-test along with the developed programme and the reaction scale will be implemented on three groups, each group will be consisting of 15 students, and their opinions will be incorporated in the programme. The samples for the pilot study will be chosen using purposive sampling technique.

(7) Development of the Final Tools: After implementing the programme on three groups, as above, and after incorporating the suggestions of the experts as well as that of the students, the researcher will construct a final tool containing pre-test, post-test and a reaction scale for enhancing listening skill.

• Phase : II IMPLEMENTATION OF THE PROGRAMME:

The programme so developed will be implemented on the sample for 30 hours, i.e. two hours per day basis for a period of 15 days. The researcher will, herself, conduct pre-test, post-test along with reaction scale and implement the developed programme. The duration of pre-test and post-test will be of two hours and that of reaction scale will be of half an hour.

• Phase : III STUDY OF THE EFFECTIVENESS OF THE DEVELOPED PROGRAMME: The researcher will study the effectiveness of the developed programme in the following manner;
(i) The researcher, herself, will administer pre-test and post-test to know the achievements of the students.

(ii) The researcher, herself, will administer the reaction scale to study the reactions of the students towards the developed programme.

5.2 **POPULATION OF THE STUDY**

All the students of Standard-VIII, studying in Gujarati Medium schools run by the Government within the Patan District, Gujarat State, constitute the population of the present research.

5.3 **SAMPLE OF THE STUDY**

For the present study, the sample will be selected randomly using lottery method. Out of seven Talukas of Patan Districts, i.e. Patan, Chanasma, Siddhpur, Sami, Harih, Radhanpur and Santalpur, four Talukas will be selected as samples. Out of the aforesaid four Talukas, four schools will be selected purposively with the infrastructure required for the present study, i.e. computer, LCD Projector etc.. Out of the selected four schools, from one school, a group of 30 students will be taken as a Control Group and the remaining three schoolswill be treated as Experimental Groups, i.e. Groups-A, B and C, taking 30 students from each of them. These three groups will be provided with three different modes of the developed programme.

5.4 **TOOLS FOR DATA COLLECTION**

The researcher will use pre-test and post-test to study the achievements of the students in English Language Listening skill. Pre-test and post-test will be constructed by the researcher, which will be based on several listening activities, such as listen and fill the blanks, listen and count, listen and match etc. and such activities will be followed by the work-sheets to be filled in by the students, themselves. The constructed tests will be shown to the experts in the field of English language teaching and the suggestions given by them will be incorporated, therein.
A five point reaction scale, consisting of 20 statements, will be prepared to know the reactions of the students about the programme so developed. It will be constructed by the researcher, herself, where she will keep all the close ended items in which the students will have to put (✓) mark in the appropriate box, rating the same on the scale from ‘Strongly Agree’ to ‘Strongly Disagree’. The constructed reaction scale will be shown to the experts in the field of English language teaching and the suggestions given by them will be incorporated, therein.

5.5 **DATA COLLECTION**:

Required data will be collected with the help of pre-test, post-test and reaction scale. The time duration for data collection will be one hour for each test and time of half an hour for reaction scale will be given to the students to show their reactions to the developed programme.

5.6 **DATA ANALYSIS**:

The collected data will be analysed quantitatively, using 't' test and ANOVA. The reaction scale will be analysed with the help of Chi-square, frequency and Mean.

5.7 **DELIMITATION OF THE STUDY**:

Present study will be delimited to the Gujarati Medium students of Standard-VIII (Academic Years-2014 and 2015) studying in the schools run by Government within Patan District, Gujarat State, only.

The study will be delimited to the Gujarati Medium students studying syllabus, as prescribed by the Gujarat State School Textbook Board (GSSTB), Gandhinagar, Gujarat, and Gujarat Council for Educational Research and Training (GCERT), Gandhinagar, Gujarat.