

# VEER NARMAD SOUTH GUJRAT UNIVERSITY

## M.R.S Part – I

### PAPER - 3 :RURAL RESEARCH METHODS

#### Objectives :

This paper is designed to equip the students with basic elements of research methodology which may be useful to study and analyze the rural issues in the setting of rural environment.

Unit 1: **Introduction to Research**

- ⇒ Knowledge system - Scientific and Indigenous.
- ⇒ Nature and characteristics enquiry and their limitations.
- ⇒ Research Concepts and types Social Research scientific research.

Unit 2: **Research Design**

- ⇒ Element of research design - Objectives, hypothesis, Variables, etc.
- ⇒ Types of research design.
- ⇒ Application and choices of alternative research designs.
- ⇒ Limitations of development research design.

Unit 3: **Methods of research enquiries and data generations or collection.**

- ⇒ Primary data and secondary data sources and the limitations.
- ⇒ Observations, Interviews, discussion.

Unit 4: **Methods of Data Processing.**

- ⇒ Coding.
- ⇒ Tabulating.
- ⇒ Computerized coding.

Unit 5: **Methods of Analysis.**

- (a) Statistical methods i.e. Correction, Regression etc.
- (b) Scale measuring methods.
- (c) Derived statistical methods.

Unit 6: **Report Writing.**

- ⇒ Introduction - Methodology.
- ⇒ Design of the study.
- ⇒ Methodology.
- ⇒ Findings.

- ⇒ Policies.
  - ⇒ Analysis.
- Unit 7: **Sources of Rural Statistics and their limitations.**
- ⇒ Census data
  - ⇒ Sample survey data.
  - ⇒ Regular sources of rural data from regular reports i.e. NABARD, Govt. of India, World Bank, UNDP, FAO, UNSEC,ILO, etc.
- Unit 8: **Participatory Rural Appraisal.**
- ⇒ Origin of the participatory rural appraisal (PRA).
  - ⇒ Evolution of the participatory appraisal.
  - ⇒ The Logic and merits of the PRA.
  - ⇒ Major methods of PRA.
  - ⇒ The fundamental concepts of PRA.
  - ⇒ Over view of PRA application in Rural research in India.
  - ⇒ Critical questions, gaps and future of the PRA.
- Unit 9: **Introduction to computers :** Characteristics of Computer Functional Units of Computer - Input - Output Devices : Dot matrix, Floppy Disk, Magnetic Tape. Binary Number system computer languages - Flow charts - Problem solving algorithm, Computer Terminologies - Software, Hardware, Bite.
- Unit 10: **Word Processing :** Meaning and Advantages - WordStar - Opening menu - Creating and Saving a Document - Editing a Document and Changing Margins, Insert, Delete, etc.
- Unit 11: **Spreadsheet and Lotus 1-2-3 :** Meaning and Advantages - Components and Organizations of a Worksheet - Entering of Information in a Worksheet - Editing Cells, Using Commands and Function and Saving Worksheet.

### **RECOMMENDED READING.**

1. GAODE AND HALL.  
" Methods of Social Research."
2. SELTING AND JAHODIA.  
Research Methods in Social Relations.
3. PAULIN YOUNG.  
Scientific Research and Social survey.

4. VIMAL P SHAH  
Research Design and strategies, The Agricultural Design  
Development Council, Singapore - 1972.
5. JENNIFER A. MACRACKEN JULES - N - PRETTY AND  
RDER CONWAY.  
An Introduction to Rahid Rural Appraisal for Agriculture  
Development UK, 1990.
6. NEELA MUKHARJEE  
Participatory Rural Appraisal, Methodology and An  
Application Development UK, 1990.
7. V.P.SHAH  
Research Report Writing. Agricultrue council, Singapore.
8. S.SRINIVAS RAO,  
Hand Book for Writers and Editors,  
Academic Book Centre, 1981.