

# MSW-211 Methods of Social Work IV : Social Work Research and Statistics

## Learner Objectives :

- 1) Develop an understanding about the scientific approach to human inquiry
- 2) Develop an appreciation of the value and approach in social work research in addressing problems in the field of professional practice
- 3) Develop attitudes and skills appropriate for social work research
- 4) Develop skills for use of library and documentation in research work
- 5) Acquire the skills for data analyses and research writing

## **Social Research and Social Work Research**

### **1. Scientific Method, Social Research & Social Work Research**

- I. Meaning and characteristics of scientific method
- II. Goals of research
- III. Basic elements of social research- concepts, constructs, variables, hypothesis, theories, operational definitions
- IV. Distinction between social research and social work research
- V. Steps in the process of research- problem selection, formulation and planning, field investigation, data editing & classification, data processing and

### **2. Social Work Research**

- I. Use of research in social work : intervention research and practice based research, Difference between social science research and social work research.
- II. Types of social work research - need assessment studies, situational analysis, monitoring and evaluation, impact assessment, policy research
- III. Steps in Social Work Research: identification of problem; need assessment; selection of social work research design; baseline study; intervention; assessment of intervention effects/impact.

### **3. Research Designs in Social Work Research**

- I. Scientific Social Surveys
- II. Experimental study design, logic of experimentation, causation and control, randomization and matching internal validity
- III. Types of experimental design (pre-experiment, true experiment, quasi experiment, external validity)
- IV. Qualitative and quantitative research designs- grounded theory, case study, ethnography and phenomenology
- V. Other research approaches supportive to social work research: Action research; Participatory research

### **4. Ethics in Social Work Research**

- I. Need for ethics in research
- II. Ethical guidelines in social science research and social work research.

### **5. Sampling**

- I. Purpose of sampling
- II. Concepts related to sampling -population, universe, sampling frame and sampling unit
- III. Meaning of probability and non-probability sampling
- IV. Types of probability and non-probability sampling
- V. Techniques and procedures in sample selection.

### **Statistical applications and Report Writing**

### **6. Basics of Single Subject Designs, Multiple subject designs and Evaluatory Research**

7. **Measurement in social research**
  - I. Levels of measurements -nominal, ordinal, interval and ratio
  - II. Scaling- Likert, Thurstone, Guttman
  - III. Problems and tests of Reliability and Validity
  - IV. Quantification of qualitative data.
8. **Data Processing, Classification and Analyses Plan and Use of Statistics**
  - I. Coding, mastersheet, tabulation plan
  - II. Univariate, bivariate, trivariate and multivariate analyses of data
  - III. Measures of central tendency (mean, median, mode) and dispersion
  - IV. Inferential Analyses: measures of association, tests of significance (chi square, t-test,) analysis of variance (ANOVA)
9. **Statistical Package for Social Sciences (SPSS)** - introduction, basic steps, defining data, data entry, data transformation, data analysis, graphical (diagrammatic) presentation, statistical application using SPSS.
10. **Reporting Research** Structure of reports for differing readership, planning outline of report, editing for accuracy and neatness, standard formats for referencing, footnotes and bibliographies, preparing research abstract. Dissemination of research findings.

### Bibliography

#### **G - VI Social Work Research & Statistics**

#### **Recommended Readings :**

1. Ahuja, Ram (2001) Research Methods, Jaipur : Rawat
2. Alston, M. Bocoles, W. (Indian Edition 2003) Research for Social Workers-An Introduction to Methods, Jaipur : Rawat
3. Baker, Therese L. (1994) Doing Social Research, Singapore : McGraw Hill
4. Goode, W.J., Hatt, P.K. (1981) Methods in Social Research, Singapore: McGraw Hill
5. Grinell, Richard M. (Jr.) (1988) Social Work Research and Evaluation, Illinois F. E. Peacock Pub. Inc.
6. Jacob, K. K. (1965) Methods & Fields of Social Work in India, Bombay: Asia Publishing
7. Kothari, C. R. (2004 2nd edition reprint) Research Methodology: Methods & Techniques, New Delhi, New Age International
8. Krishnaswamy, O. R. (1993) Methodology for Research in Social Science, Himalaya, Bombay
9. Laldas, D. K. (2000) Practice of Social Research, Jaipur: Rawat
10. Mikkelsen, Britha (2005) Methods for Development Work and Research- A New Guide for Practitioners, New Delhi : Sage
11. Ramchandran, P. (1968) Social Work Research and Statistics, Bombay : Allied Publishers
12. Rubin, Allen & Babbie Earl (4<sup>th</sup> Ed. 2001) Research Methods for Social Work, USA : Wadsworth, West, Brooks/Cole and Schirmer
13. Sarantakos, Sotirios (2005) Social Research, New York : Palgrave Macmillan
14. Sharma, B. A. V., Prasad, R. D. & Satyanarayana, C. (2002) Research Methods in Social Sciences, New Delhi: Sterling
15. Sharma, K. R. (2002) Research Methodology, Jaipur : National Publishing House
16. Wilkinson, T.S. & Bhandarkar, P. L. (1984) Methodology and Techniques of Social Research, Bombay: Himalaya
17. Young, Pauline (Asian students edition 1960) Scientific Social Surveys and Research,

**General References :**

1. Andrews, Richard (South Asia edition 2005) : Research Questions, London: Continuum
2. Bailey, Kenneth D. (1978) Methods of Social Research, New York : Mcneil Pub.
3. Black, James A & Champion, Dean J. (1976) Methods and Issues in Social Research, New York : John Wiley
4. Chaudhary, C. M. (1991) Research Methodology, Jaipur : RBSA Publishers
5. Costello, Patrick (S. Asia Edition 2005) Action Research, London: Continuum
  - i. Significance of understanding self
  - ii. Meaning of self : self concept, self esteem, self image and self acceptance
6. Gillham, Bill (2000) Case Study Research Methods, London: Continuum
7. Gillham, Bill (2000) The Research Interview, London: Continuum
8. Gregory, Ian (South Asia edition 2005) Ethics in Research, London : Continuum
9. Kidder, Louise H. (1981) Research Methods in Social Relations, New York : CBS College into Holt Rinelart & Winston
10. Lin, Nan (1976) Foundations of Social Research, Singapore: McGraw Hill
11. Nachmias D. & Nachmais C. (1981) Research Methods in Social Sciences, New York I: St. Martins Press
12. Polansky, N. A. (Ed) (1960) Social Work Research, USA: Univ. of Chicago
13. Ramachandran, P. (1993) Survey Research for Social Work- A Primer, Bombay: Institute for Community Organisation Research
14. Ramchandran P. (1987) Research in Social Work in A. B. Bose eds. Encyclopaedia of Social Work in India, New Delhi, Government of India
15. Scott Miller, A., Developmental Research Methods, Sage Publication
16. Singh, Jaspal (2001) Methodology and Techniques of Social Research, New Delhi: Kanishka.
17. Sjoberg, Gideon & Nett, Roger (Indian Reprint 1992) A Methodology for Social Research, Jaipur: Rawat
18. Somekh Bridget & Lewin, Kathy Eds. (2005) Research Methods in the Social Sciences, New Delhi: Vistaar
19. Thanulingom, N. (2000) Research Methodology, Mumbai: Himalaya
20. Weiss, Robert S. (1968) Statistics in Social Research: An Introduction., New York: John Wiley & Sons.

**Personal & Professional Development for Social Work Practice**

- iii. Self as "being" and "becoming"
- iv. Factors affecting self : attitudes and values
- v. Understanding one's own emotions and self defeating behaviour.
- vi. Reactions of self to various life situations :-Achievements, frustration, failures, crisis.

**2. Techniques of understanding self : ( Intra and interpersonal)**

- I. Transactional Analysis
- II. SWOT analysis
- iii. Jo-Hari window
- iv. Mirror reflection techniques

- v. Six thinking Hats techniques

### 3. Self Development

- i. Concept and need for self development.
  - . **Stress and Burnout in Professional Practice**
    - ii. Difference in real self and ideal self.
  - i. Causes and impact of stress
- iii. Setting
  - ii. Stress management goals for self development.
  - iii. Causes and impact of burnout
  - iv. Prevention of and coping with burnout

### 8. Professional Integrity, Competence and Internalization of professional values.

- Honesty, Professional knowledge, Lifelong Learning, Critical thinking, Ethical decision making, Self -Understanding, Acceptance of self and others, Self control,
- iv. Achievement orientation and striving behaviour.
- v. Use of yoga, meditation for self development

## Bibliography

### G - VII - Personal and Professional Development

#### Recommended Readings :

1. Beryl, Williams (1977) Communicating Effectively, New Delhi : Sterling Publications
2. Joyce, Lishman (1994) Communication in Social Work, New York : Palgrave
3. Khwaja, Ali (2000 Ed.) Booklets on Counseling, Bangalore : Banjara Academy
4. Patil, Jayant (2002) Mind, Body and Soul Management Handbook, 21st Century Life style, Pune : International Institute of Management Research and Applied Techniques
5. Philip Priestley, Jasmes McGuire (1983) Learning to Help, London : Tavistock Publication Ltd.
6. Reamer & Fredric (2005) Social Work Values and Ethics, New Delhi : Rawat Publication

#### General Reference :

### 4. Communication for effective functioning

1.
  - i. Concept, definition and principles of communication
  - ii. Elements of communication
- iii. Types of communication
2.
  - iv. Blocks and distortions in communication
  - v. Developing skills for effective interpersonal relationships: Listening, observation, use of appropriate language, facilitation, responding
3.
  - vi Written communication skills: formal writing and creative writing
  - vii. Public speaking: planning, preparation, presentation

### 5. Development of Professional Self

4.
  - i. Concept of professional personality .
  - ii. Professional values and value conflict
5.
  - iii. Professional ethics and ethical dilemmas

6.

### 6. Attributes of Professional Personality

7.
  - i. Qualities & traits
- ii. Values and attitudes
- iii. Creativity
- iv. Habits
- v. Skills

## **7. Stress and Burnout in Professional Practice**

- i. Causes and impact of stress
- ii. Stress management
- iii. Causes and impact of burnout
- iv. Prevention of and coping with burnout

## **8. Professional Integrity, Competence and Internalization of professional values.**

Honesty, Professional knowledge, Lifelong Learning, Critical thinking, Ethical decision making, Self -Understanding, Acceptance of self and others, Self control,

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5. Philip Priestley, Jasmes McGuire (1983) Learning to Help, London : Tavistock Publication Ltd.
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##### **General Reference :**

1. Alvia A Goldberg, Carl Lason (1975) Group Communication : Discussion Process and Application, New Jersey : Prentice Hall, Inc, Eaglewood Cliffs.
2. Chopra, BS. KS. (1987) Leadership for Indian Manager, Pune : Times Research Foundation
3. Crispin Cross P. (1974) Interviewing and Communication, Bostan : Routledge and Kegen Paul
4. D□Souza, Anthony (1989) Leadership Vol.I, Mumbai : Better Yourself Books
5. Davas, Rustam (1993) Creative Leadership, New Delhi : UBS Publishers
6. Davis, Martin (2002 Ed.) Companion to Social Work, USA : Blackwell Publishers Ltd.
7. Heun, Linda R., Heun, Richard E. (2001) Developing Skills for Human Interaction, London : Charles E. Merrill Co.
8. Kumar, Niraj (1998) Management Communication today, New Delhi : Classical Publishing Company
9. Mark, Doel and Shardlow, Steven M. (2005) Modern Social Work Practice, England : Ashgate Publishing Ltd.

10. McCormick, J. Mary, (1975) Enduring Values in a Changing Society, New York : Family Service Association of America
11. Mishra, Vijaya (1991) Communication Dynamics, Aurangabad : Kirti Prakashan.
12. Muriel, James, Dorothy Jungeward (1978) Bornto win, New York : New American Lib.
13. Neil Thompson (2002 second Ed.) People Skills , New York : Palgrave Mcmillan
14. Nigel, Machennan (1997) Handbook of Coaching Mentoring, Mumbai : Jayco Publishing House
15. Philip, Seed and Lloyd, Greg (1997) Quality of Life, London : Nessica Kingsley Publishers
16. Rapidex-Self Letter Drafting Course, Instant Letter Producer (1998) Delhi : Pustak Mahal.
17. Rathnaswamy P (1995) Communication Management, New Delhi : Deep and Deep Publications
18. Sanghi, Seema (2004) The Handbook of Competency Mapping, Response Books, New Delhi : Sage Publication
19. Sanghi, Seema (2006) Towards Personal Excellence, New Delhi : Sage Publication
20. Thill, John Bovie, Courtland (19932nd Ed.): Excellence in Business Communication, New York : McCraw Hill Inc.