Course 2

Research and Publication Ethics

Total Marks: 100 (Theory: 70 & IA: 30), Credits: 02

Hours of Instructions in a week: 02

Course Rationale:

- To equip the Researchers with basic concepts of ethics in research and publication.
- To train the researchers with necessary social work research ethics to carryout research in their respective fields.

Course Specific Outcomes:

- 1. Understanding the issues involved in ethics of social work research and it implementation in studying issues that are socially relevant
- 2. Familiarise with the ethics in scientific research
- 3. To Familiarise with the scientific conduct in research activity
- 4. Awareness of publication ethics
- 5. Understand the publication through open access Publication
- 6. Awareness of publication misconduct
- 7. Understand the publication databases and research metrics
- 8. Understand the process involved in standard Research Publication

Course Outcome:

- CO1. Learn Philosophy of Research
- CO2. Understand the research ethics
- CO3. Understand scientific conduct in research
- CO4. Learn publication ethics
- CO5Familiarise with publication misconduct

Detailed Syllabus

Unit 1 PHILOSOPHY AND ETHICS

(3hrs.)

Introduction to philosophy: definition, nature and scope, concept, branches. Ethics: definition, moral philosophy, nature of moral judgment and reactions

Unit 2 SCINTIFIC CONDUCT

(5hrs.)

- 1. Ethics with respect to science and research
- 2. Intellectual honesty and research integrity
- 3. Scientific misconducts: Falsification, Fabrication, and plagiarism (FFP)
- 4. Redundant publications: duplicate and overlapping publications, salami slicing
- 5. Selective reporting and misrepresentation of data

Unit 3

PUBLICATIONS ETHICS

(7hrs.)

- 1. Publication ethics: definition, introduction and importance
- 2. Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
- 3. Conflicts of interest
- 4. Publications misconduct: definition, concept, problems that lead to unethical behaviour and vice versa, types.
- 5. Violation of publication ethics, authorship and contributor-ship
- 6. Identification of publication misconduct, complaints and appeals
- 7. Predatory publishers and journals

Unit 4

OPEN EXCESS PUBLICATION

(4hrs.)

- 1. Open access publishing and initiatives
- 2. SHERPA/ RoMEO online resource to check publisher copyright & self-archiving policies
- 3. Software tool to identify predatory publications developed by SPPU
- **4.** Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

Unit 5

PUBLICATION MISCONDUCT

(4hrs.)

Group discussion

- 1. Subject specific ethical issues, FFP, authorship
- 2. Conflicts of interest

Complaints and appeals examples and from India and abroad

Software tools

Use of plagiarism software like Turnitin, Urkund and other open source software tools

Unit – 6 DATABASES AND RESEARCH METRICS

(7hrs.)

A. Databases (4hrs.)

- 1. Indexing databases
- 2. Citation databases: Web of Science, Scopus, etc.

B. Research metrics (3hrs)

- 1. Impact Factor of journal as per Journal Citation Report, SNP, SJR, IPP, Cite Score
- 2. Metrics: h-index, i10 index, altmetrics.

References:

- 1. Chaddah P (2018) Ethics in Competitive Research: Do not get pluralized
- 2. Deakin (2014) Best practice guidelines on publishing ethics: A publisher's perspectives Weily
- 3. Kimmel A.J (1998) Ethics and Values in applied social research Sage Publications
- 4. Mertelen D.M and Ginsberg P.E (2009) The handbook of Social Research Sage
- 5. Nagel, Ernest. 'The Structure of Science: Problems in the Logic of Scientific Expianation', 1984.
- 6. Ramchandran, P. 'Issues in Social Work Research in India'. Bombay: Tata Institute of Social Sciences, 1990
- 7. Yadav Santhosh Kumar (2000) Research and Publication Ethics Ishwar Books Delhi