<p style="text-align:center">Special Training Program</p>

<p style="text-align:center">Course Title: Ethics in Research and Publication</p>

Introduction:

The Research and Publication Ethics course is designed to cater to the needs of postgraduate (PG), M.Phil., and PhD students, as well as faculty members seeking to deepen their knowledge and understanding of ethical practices in research and publishing. This course aims to equip participants with essential skills and insights to ensure integrity, honesty, and ethical conduct throughout their academic and professional journeys.

Course Overview:

The course spans 30 hours, combining theory and practice components to provide a comprehensive understanding of research and publication ethics. Taught by highly qualified faculty members with relevant PhDs and over 10 years of teaching experience, the course offers a valuable learning experience to the participants.

Program Outcomes:

- Ethical Awareness and Decision-Making: Participants will possess a deep understanding of ethical principles and moral reasoning, enabling them to make informed and responsible decisions in research and publication contexts.
- Research Integrity: Participants will uphold the highest standards of integrity and honesty in conducting scientific research, ensuring the credibility and reliability of their work.
- Professional Conduct: Participants will exhibit professionalism and adhere to ethical guidelines and best practices in all aspects of research and publishing, establishing themselves as responsible and trustworthy contributors to the academic community.
- Critical Thinking and Analysis: Participants will develop the ability to critically analyze and evaluate scientific conduct, publication ethics, and research metrics, enabling them to make well-informed judgments and recommendations.
- Communication Skills: Participants will effectively communicate ethical considerations, research findings, and publication practices to diverse audiences, promoting transparency and accountability in their work.
- Lifelong Learning: Participants will recognize the importance of continuous learning and staying updated with evolving ethical standards and practices in research and publishing, demonstrating a commitment to professional growth and development.
- Responsible Research Practices: Participants will apply the principles of research and publication ethics in their future endeavors, ensuring

the responsible and ethical advancement of knowledge in their respective fields.

- Awareness of Predatory Practices: Graduates will be equipped with the knowledge and tools to identify and avoid predatory publishers and journals, safeguarding the quality and integrity of their research outputs.

Learning Outcomes:

- Understand the fundamental concepts of philosophy and ethics, including their definitions, nature, and scope.
- Analyze and evaluate moral judgments and reactions in the context of ethical decision-making.
- Recognize the importance of intellectual honesty and research integrity in scientific conduct.
- Identify and differentiate scientific misconduct, such as falsification, fabrication, and plagiarism, and understand their consequences.
- Critically evaluate redundant publications, selective reporting, and misrepresentation of data.
- Comprehend the significance of publication ethics and its role in ensuring integrity in academic publishing.
- Familiarize oneself with best practices and standards-setting initiatives and guidelines, including those provided by COPE, WAME, and other reputable organizations.
- Recognize and navigate conflicts of interest that may arise in research and publishing.
- Identify various types of publication misconduct and understand the problems that lead to unethical behavior.
- Evaluate authorship and contributorship issues and recognize the importance of proper attribution.
- Develop the skills to identify publication misconduct, handle complaints and appeals, and respond appropriately.
- Gain knowledge about predatory publishers and journals and employ strategies to avoid them.
- Understand the concept of open access publishing and explore relevant initiatives.
- Utilize SHERPA/RoMEO and other online resources to check publisher copyright and self-archiving policies.
- Effectively utilize software tools developed to identify predatory publications.
- Access and utilize journal finder and suggestion tools, such as JANE, Elsevier Journal Finder, and Springer Journal Suggester.
- Engage in group discussions to analyze subject-specific ethical issues, conflicts of interest, and real-life examples of publication misconduct.

- Demonstrate proficiency in using plagiarism detection software like Turnitin, Urkund, and other open-source tools.
- Develop familiarity with indexing databases and citation databases like Web of Science and Scopus.
- Understand research metrics, including impact factors, SNIP, SJR, IPP, Cite Score, h-index, g-index, i10 index, and altmetrics.

Theory Component:

01: Philosophy and Ethics (3 HRS):
In this module, participants are introduced to the fundamental concepts of philosophy, including its definition, nature, scope, and various branches. Additionally, the course delves into ethics, exploring its definition, moral philosophy, and the nature of moral judgments and reactions.

02: Scientific Conduct (5 HRS):
The module on scientific conduct emphasizes the importance of ethical practices in scientific research. Participants learn about intellectual honesty, research integrity, and the consequences of scientific misconduct. The topics covered include falsification, fabrication, plagiarism, redundant publications, selective reporting, and misrepresentation of data.

Publication Ethics (7 HRS):
This module provides a comprehensive understanding of publication ethics. Participants explore the definition, importance, and best practices associated with publication ethics. They become familiar with initiatives and guidelines developed by reputable organizations like COPE and WAME. Topics covered include conflicts of interest, publication misconduct, violation of publication ethics, authorship and contributorship issues, identification of publication misconduct, complaints and appeals, as well as an exploration of predatory publishers and journals.

Practice Component:

04: Open Access Publishing (4 HRS):
The module on open access publishing introduces participants to the concept of open access publications and associated initiatives. Participants learn to navigate SHERPA/RoMEO online resources to verify publisher copyright and self-archiving policies. They also gain insights into software tools to identify predatory publications. Journal finder and suggestion tools like JANE, Elsevier Journal Finder, and Springer Journal Suggester are explored.

05: Publication Misconduct (4 HRS):
This module offers both group discussions and practical exercises. Participants engage in group discussions to explore subject-specific ethical issues, conflicts of interest, and real-life examples of complaints and appeals related to publication misconduct. They also gain hands-on experience using

plagiarism detection software like Turnitin, Urkund, and other open-source tools.

06: Databases and Research Metrics (7 HRS):
The final module focuses on databases and research metrics. Participants learn about indexing databases and citation databases such as Web of Science and Scopus. They gain insights into research metrics, including impact factors, SNIP, SJR, IPP, Cite Score, h-index, g-index, i10 index, and altmetrics, Research visibility, RMT, Plagiarism Software

The Research and Publication Ethics course equips PG, M.Phil., and PhD students, as well as faculty members, with a solid foundation in ethical practices in research and publishing. By delving into the philosophical underpinnings of ethics, understanding scientific conduct, publication ethics, open access publishing, publication misconduct, databases, and research metrics, participants are empowered to navigate the complex landscape of academic research with integrity and professionalism. This course serves as a valuable asset for anyone looking to enhance their research and publication ethics knowledge and skills, ensuring the promotion of responsible and ethical practices in the academic community.

Course level : 30 Hrs

Eligibility : PG, M.Phil., PhD students, Faculty members

Fees : As per ILA rules (1000 /-)

Seats : 30

Mode of Teaching : Online/Offline

Duration of Course: 7 working days

Structure

Sr. No	Components	Hrs
1	Theory RPE 01	3
2	Theory RPE 02	5
3	Theory RPE 03	7
4	Practice RPE 04	4
5	Practice RPE 05	4
6	Practice RPE 06	7

THEORY

RPE 01: PHILOSOPHY AND ETHICS (3 HRS)
1. Introduction to philosophy: definition, nature and scope, concept, branches

2. Ethics: definition, moral philosophy, nature of moral judgements and reactions.Information Literacy to control misconduct in research and publication

RPE 02: SCIENTIFIC CONDUCT (5 HRS)
1. Ethics with respect to Social-science and research
2. Intellectual honest and research integrity
3. Scientific misconducts: falsification, fabrication, and plagiarism.
4. Redundant publications: duplicate and overlapping publications, salami slicing
5. Selective reporting and misrepresentation of data.

RPE 03: PUBLICATION ETHICS (7 HRS)
1. Publication ethics: definition, introduction and importance
2. Best practices/standards setting initiatives and guidelines: COPE, WAME, etc.
3. Conflicts of interest
4. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice verse, types
5. Violation of publication ethics, authorship and contributor ship
6. Identification of publication misconduct, complaints and appeals
7. Predatory publishers and journals
8. Reference Management Tools
9. Plagiarism Detection Tools

PRACTICE

RPE 04: OPEN ACCESS PUBLISHING (4 HRS)
1. Open access publications and initiatives
2. SHERPA/RoMEO online resources to check publisher copyright and self-archiving policies.
3. Software tool to identify predatory publications
4. Journal finder/ journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.
5. Creative Common

RPE 05: PUBLICATION MISCONDUCT (4 HRS)
A. Group Discussions (2 hrs)
1. Subject specific ethical issues, FFP, authorship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

B. Software tools (2 hrs)
Use of plagiarism software like Turnitin, Urkund and other open source software tools.
Use of Referance Management Tools

RPE 06: DATABASES AND RESEARCH METRICS (7 HRS)
A Databases (4 hrs)

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

B. Research Metrics (3 hrs)
 Research Visibility , Impact Factor of journal as per journal citation report, SNIP, SJR, IPP, Cite Score. Metrics: h-index, g index, i10 index, Scientometrics tools, altmetrics

The query can be sent to
Dr. Shalini R. Lihitkar,
Chairman, ILA Sectional Committee on LIS Research
Convener, Research and Publication Ethics
and
Department of Library and Information Science,Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur on email :
shalinilihitkar2021@gmail.com Cell : 09823886717
or
Dr. Sarika Sawant,
Course Coordinator
SNDT Women's University, Mumbai
9969608906
sarikashpt@gmail.com

ILA Sectional Committee on LIS Research includes following members

Prof. Shalini R. Lihitkar,
Chairman, ILA Sectional Committee on LIS Research
Dr.S.Nagaraja Chari,
Dy. Director, National Social Science Documentation Centre, New Delhi
9810785801
chari@icssr.org

Dr.Sadanand Bansode
Department of Library & Information Science
Savitribai Phule Pune University,
Pune
9822373726
sadanand@unipune.ac.in

Dr.Veranganyllu
National Institute of Technology
Warangal
9492435235
veeru030463@gmail.com

Dr.Santosh Hudalagbali
Central University of Haryana, Haryana

9987428147
santosh@cuh.ac.in

Dr.Sarika Sawant
Department of Library & Information Science
SNDT Women's University
9969608906
sarikashpt@gmail.com

Dr.Bhoop Singh, Assistant Professor/Librarian
Bharatiya Skill Development University, Jaipur
bhoopsarodia@yahoo.co.in
8949247117