

SYLLABUS OF DISCIPLINE SPECIFIC ELECTIVE PAPERS (DSE)
SEMESTER-VI
B.A-DSE-PE-(4)-2.2
PUBLICATION ETHICS IN PHYSICAL EDUCATION AND SPORTS SCIENCES
DSE

Sl. No.	Course Title & Code	Credits	Credit Distribution of the Course			Eligibility Criteria	Pre-Requisite of the Course (if any)
			Lecture	Tutorial	Practical/ Practice		
2	B.A.-DSE-PE-(4)-2.2 PUBLICATION ETHICS IN PHYSICAL EDUCATION AND SPORTS SCIENCES	04	3	0	1	XII Pass	NIL

Learning Objective:

The objective of this course is to provide the understanding through practical knowledge and practices about publication ethics in physical education and sports sciences for enough scope of creativity/Innovations in the field of physical education.

Learning Outcomes:

1. The learner will be able to understand the concepts with practices and skills of research integrity and publication ethics.
2. The learner will be able to (Hands-on-sessions are designed) identify research misconduct and predatory publications, Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools along with the contents of the theory and practical syllabus.

SYLLABUS

CREDITS:4 [Theory-3,Practical-1]

Theory-45 hours

Practical-30 hours

PART-A: THEORY

UNIT-I PHILOSOPHY AND ETHICS

(7 Hours)

- 1.1 Introduction to Philosophy: definition, nature and scope, content, branches
- 1.2 Ethics: definition, moral philosophy, nature of moral judgments and reactions

UNIT-II ETHICS AND RESEARCH

(8 Hours)

- 2.1 Ethics with respect to science and research
- 2.2 Intellectual honesty and research integrity

UNIT-III SCIENTIFIC CONDUCT

(10 Hours)

- 3.1 Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
- 3.2 Redundant publications: duplicate and overlapping publications, salami slicing
- 3.3 Selective reporting and misrepresentation of data

UNIT-IV PUBLICATION ETHICS

(10 Hours)

- 4.1 Publication ethics: definition, introduction, and importance
- 4.2 Best practices/standards setting initiatives and guidelines: COPE, WAME, etc.
- 4.3 Conflicts of Interest

UNIT-V PUBLICATION VIOLATIONS

(10 Hours)

- 5.1 Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
- 5.2 Violation of publication ethics, authorship, and contributorship
- 5.3 Identification of publication misconduct, complaints, and appeals, Predatory publishers and journals

PART: B- PRACTICALS

(30 hours)

- 1. Open-access publications 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.
- 5. Group Discussions
 - a. Subject-specific ethical issues, FFP, authorship
 - b. Conflicts of interest
 - c. Complaints and appeals: examples and fraud from India and abroad
- 6. Software tools uses: Use of plagiarism software like Turnitin, Urkund and other open source software tools
- 7. Databases and Research Metrics
 - a. Databases
 - b. Indexing databases
 - c. Citation databases: Web of Science, Scopus, etc.
- 8. Research Metrics
 - a. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, CiteScore
 - b. Metrics: h-index, g index, i10 index, altmetrics

Suggested Readings:

- 1. Bird, A. (2006) **Philosophy of Science** Routledge.
- 2. MacIntyre, Alasdair (1967) **A Short History of Ethics**. London.
- 3. P. Chaddah, (2018) **Ethics in Competitive Research: Do not get Scooped; do not get Plagiarized**, ISBN:978- 9387480865
- 4. National Academy of Sciences, National Academy of Engineering, and Institute of Medicine. (2009) **On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition**. National Academies Press.
- 5. Resnik, D. B. (2011) What Is Ethics in Research & Why is It Important. *National Institute of Environmental Health Sciences*, 1-10. Retrieved from <https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm>
- 6. Beall, J. (2012) Predatory Publishers are Corrupting Open Access. *Nature*, 489(7415), 179-179. <https://doi.org/10.1038/489179a>
- 7. Indian National Science Academy (INSA) (2019), **Ethics in Science Education, Research and Governance** ISBN:978-81-939482-1-7 http://www.insaindia.res.in/pdf/Ethics_Book.pdf

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.