

## Syllabus: Research Ethics

### Course Content

- Philosophy and ethics: Philosophical definition, nature and scope, concept, and branches - Ethics: definition, moral philosophy, moral judgements and reactions.
- Science and research ethics Intellectual honesty and research integrity - Scientific misconducts: falsification, fabrication, and plagiarism (FFP) - Duplicate and overlapping publications, as well as salami slicing - Selective reporting and data misrepresentation.
- Publication Ethics: Definition, introduction, and significance of publication ethics - Initiatives and guidelines for best practices.
- Conflicts of interest - Publication misconduct: definition, concept, problems that lead to unethical behaviour and vice versa, types of publication misconduct.
- Breach of publishing ethics, authorship, and contributor ship - Detection of publication malpractice, complaints, and appeals - Publishers and journals that are predatory.

### References:

1. Responsible Conduct of Research by Adil E. Shamoo and David B. Resnik
2. Ethics in Research by Helen E. Longino and Colin Allen
3. The Ethics of Research Involving Human Subjects: Facing the 21st Century edited by Robert J. Levine

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