


Read: Minutes of the 52nd meeting of Academic Council *vide* no. NAU/REG/ACA/52nd AC/3910-939/2024 dated 20/06/2024

Notification

It is hereby notified to all concerned that *vide* item no. 52.31 in the minutes of the 52nd Academic Council meeting of the Navsari Agricultural University held on 20/06/2024, the Academic Council has resolved as under:

“The Academic Council of NAU, Navsari has resolved the syllabus of supporting course **FOR 611: Research and Publication Ethics (1+1) (Annexure-1) of Ph.D. Forestry**”.

No. NAU/CoF/PG-ACI/4999-29 /2024
Date: 05/07/2024


Principal and Dean
College of Forestry
NAU, Navsari

Copy FWCs to:

1. All the members of the Borad of PG Studies of the University
2. The Registrar, NAU, Navsari
3. Principal and Dean of various colleges of NAU, Navsari
4. All the officers of the NAU, Navsari

Copy forwarded to:

1. PS to Hon'ble Vice Chancellor, NAU, Navsari

FOR 611 Research and Publication Ethics (1+1)

Objective: To create awareness among PG students about research and publication ethics and different types of unethical practices and misconduct in publications. Also, to aware about databases and research metrics to improve publication skills.

Theory**UNIT I:**

Philosophy and Ethics: Introduction to philosophy-definition, nature and scope, concept, branches; Ethics-definition, moral philosophy, nature of moral judgements and reactions.

UNIT II:

Scientific Conduct: Ethics with respect to science and research; Intellectual honesty and research integrity; Scientific misconducts- Falsification, Fabrication, and Plagiarism (FFP); Redundant publications- duplicate and overlapping publications, salami slicing; Selective reporting and misrepresentations of data.

UNIT III:

Publication Ethics: Publication ethics- definition, introduction and importance; Best practices/standards setting initiatives and guidelines- COPE, WAME, etc.; Conflicts of interest; Publication misconduct-definition, concept, problems that lead to unethical behavior and vice versa, types; Violation of publication ethics, authorship and contributorship; Identification of publication misconduct, complaints and appeals; Predatory publishers and journals.

Practical:

Open Access Publishing: Open Access Publications and Initiatives; SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies; Software tools to identify predatory publications developed by SPPU; Journal Finder/Journal Suggestion Tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.; **Publication Misconduct:** A) *Group Discussions* on the topics-1) Subject specific ethical issues, falsification, fabrication, and plagiarism (FFP), authorship 2). Conflicts of interest 3). Complaints and appeals: examples and fraud from India and abroad; B) *Software Tools:* Use of plagiarism software, like, Turnitin, Urkund and open-source software tools; **Databases and Research Metrics:** A) Databases-Indexing Databases, Citation Databases such as Web of Science, Scopus, etc.; B). Research Metrics- Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPR and Cite Score; Metrics such as h-index, g-index, i10 index, altmetrics.

Suggested Readings:

Bird, A. (2006). *Philosophy of Science*. Routledge.

MacIntyre, Alasdair (1967). *A Short History of Ethics*. London.

Chaddah, P. (2018). *Ethics in Competitive Research: Do Not Get Scooped; To Not Plagiarized*. ISBN: 9789387480865.

National Academy of Sciences, National academy of Engineering and Institute of Medicine (2009). *On Being a Scientist: A Guide of Responsible Conduct in Research: Third Edition*, National Academies Press.

Resnik, D.B. (2011). *What Is Ethics in Research & Why Is it Important*. National Institute of Environmental Health Sciences, I-10.

Beall, J. (2012). *Predatory Publishers Are Corrupting Open Access*. *Nature*, 489(7415),179-179.


INSA (2019). *Ethics in Science Education, Research and Governance*, Edited by K. Muralidhar, A. Ghosh, & A.K. Singhvi. New Delhi: Indian National Science Academy. ISBN: 9788193948217. http://www.insaindia.rcs.in/pdf/Ethicks_Book.pdf.

(<http://dspace.sjc.ac.in/bitstream/123456789/15049/1/Ethics-Book.pdf>)

FOR 611 Research and Publication Ethics (1+1)

Lecture schedule

Sr. No.	Topics	No. of lectures
1	Philosophy and Ethics: Introduction to philosophy-definition, nature and scope, concept, branches; Ethics-definition, moral philosophy, nature of moral judgements and reactions.	04
2	Scientific Conduct: Ethics with respect to science and research; Intellectual honesty and research integrity; Scientific misconducts- Falsification, Fabrication, and Plagiarism (FFP); Redundant publications- duplicate and overlapping publications, salami slicing; Selective reporting and misrepresentations of data.	04
3	Publication Ethics: Publication ethics- definition, introduction and importance; Best practices/standards setting initiatives and guidelines- COPE, WAME, etc.; Conflicts of interest; Publication misconduct- definition, concept, problems that lead to unethical behavior and vice versa, types; Violation of publication ethics, authorship and contributorship; Identification of publication misconduct, complaints and appeals; Predatory publishers and journals.	07
Total		15
Practical		
1	Open Access Publishing: Open Access Publications and Initiatives; SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies; Software tools to identify predatory publications developed by SPPU; Journal Finder/Journal Suggestion Tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.	04
2	Publication Misconduct: A) <i>Group Discussions</i> on the topics-1) Subject specific ethical issues, falsification, fabrication, and plagiarism (FFP), authorship 2). Conflicts of interest 3). Complaints and appeals: examples and fraud from India and abroad; B) <i>Software Tools:</i> Use of plagiarism software, like, Turnitin, Urkund and open-source software tools.	04
3	Databases and Research Metrics: A) Databases-Indexing Databases, Citation Databases such as Web of Science, Scopus, etc.; B). Research Metrics- Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPR and Cite Score; Metrics such as h-index, g-index, i10 index, altmetrics.	07
Total		15


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