Research and Publication Ethics (RPE)

Compulsory Course proposed by UGC for all PhD students for pre-registration Coursework

Course Title:

- **Research and Publication Ethics (RPE)**–Course for awareness about the publication ethics and publication misconducts.

Course Level:

- 2 Credit course (30 hrs.)

Eligibility:

- M.Phil., Ph.D. students and interested faculty members (It will be made available to post graduate students at later date)

Fees:

- As per University Rules

Faculty:

- Interdisciplinary Studies

Qualifications of faculty members of the course:

- Ph.D. in relevant subject areas having more than 10 years' of teaching experience

About the course

Course Code: CPE- RPE

Overview
- This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

Pedagogy:

- Class room teaching, guest lectures, group discussions, and practical sessions.

Evaluation

- Continuous assessment will be done through tutorials, assignments, quizzes, and group discussions. Weightage will be given for active participation. Final written examination will be conducted at the end of the course.

Paper II: Research and Publication Ethics;
Course Code: CPE-RPE; Course credits: 2

Course structure

- « The course comprises of six modules lined in table below. Each module has 4-5 units.

	ry		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientihc Conduct	4
RPE 03	Publication Ethics	7
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4
RPE 06	Databases and Research Metrics	7
	T l	30

Syllabus in detnil

THEORY

• n»E or: riinosorxv wo z»gcs‹ian9

1, Introduction to philosophy: definition, nature and scope, concept, branches
2. Ethics: definition, moral philosophy, nature of monil judgements and reactions

- « RPE 02. SCIENTIEICCONDUCT (5hrt.)

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

- « RPE 03: PUBLICATION ETHICS (7 he)

1. Publication ethics: ‹definition, introduction and importance
2. Best practices /   aa«ls setting initiatives and guidelines: COPE, WAME, etc.
3. Conflicts of interest
4. Publication misconduct: definition, concept, problems that lead to unethical behavior a•d vice versa, types
5. Violation of publication ethics, authorship and contributorship
6. Iden0fication of publication misconduct, complaints and appeals
7. Predatory publishers and journals

PRACTICE

- • RPE 04: OPEN ACCESS PUBLISHING(4 hrs.)

1. Open access po6lications anfi initiatives
2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
). 0dWilffl t00l t0 idflfltlJ QRd8t0J]3tlbl1C8ti0llS $flVfll0]3Cd y d U
4. Journd finder /jouind suggestion tools iz. JANE, Elsevier Journal Finder, Springer Jounial Suggested, etc.

RPE 05: PUBLICATION MISCONDUCT (4hrs.)

A. Group Discussioar (2 bn.)

1. Subject specific ethical issues, FFP, authonhip
2. Conflicts ofinteost
3. Complaints and appeals: exmples and fia«â Tom India and abroad

B. Software tools (2 bx.)

ISg 0/§l6gi SIl1 S0   dlg| g ASttll, /r)LlJTl BBC 0t)1g7 0 gO 50\lTCg SO   dtg t00lS

RPE 06: 0ATA8ASES AND RESEARCH METRICS (71rs.)

A. Databases (4 hrs.)
1. lodexiog databases
2. Cibtiondatabases: Web of Science, Scopus, etc.

B. Research Metrics (3 hrs.)
1. Inpact Factor of journd as per Journd Citatlon Report, SNIP, SIR, IPP, Cite Score
2. Metocs: ii-index, g index, il0 index, dtnetncs

References

Béd, A. (2006). *Philosophy ofscience.* Routledge.

MacIntyre, Alasdaé(1967) Z hon *history ofEthics.* London.

. Cl1fiddflI1, (201&) btlliGS in 0m§0kt1Yfl k0â0flf b: D0 D0t get S000§ed; d0110t $0t Jlld$iJ28d, UHN:$2&-9387480863

National Academy of Sciences, National Academy of Enginerring and lnstitue of Mt icing. (2009). On *Being a Scient'isi: A iuide to Responsible Conduct in Research: laird Edition.* National Academies Puss.

RtSoilt, D. B. (2011). Mflt 1s ethics in tesear‹l1 & Why iS it imp0Itant. *Hahonal Institute ofEnrironnental Itealtt Sciences,* 1-10. Retrieved from https:// ,niihs.nili.Uh/resomesbimthics/vhatis/index.ciin

Beall, J. (2012). Predatory publisher are comiptng open acciis. N&tie, 489(7413), 179—179. https://doi.org/10.1018/489179a

Indian National Stitnce Academy (NSA), Ethics in Science Education, Research and Governance(2019), ISBN:978-81-939482-1-7. http:// .insaindia.a s.in/odf/Ettics Book.pdf