RESEARCH AND PUBLICATION ETHICS

UGC APPROVED TWO-CREDIT COMPULSORY COURSE FOR PH.D. STUDENTS (2024-25)

CENTRAL LIBRARY
DOON UNIVERISTY , DEHRADUN

Research and Publication Ethics:

UGC approved two-credit compulsory Course for Ph.D. students (2024-25)

Salient Features:

- Teaching by domain experts
- Case-oriented lectures
- Doubt clearing sessions
- Opportunity to interact with researchers of different departments/ domain

Registration:

- This Course is compulsory for Ph.D. students of all the Departments of Doon University Dehradun admitted in the academic session 2024-25 only.
- Registration is compulsory for all Ph.D. students.
- Registration Link. https://forms.gle/MNkNqHEhJfz8qW7r9
- Register online by 13th February 2024; 05:00 pm General Information
- Course begins online / offline w.e.f. 14.02.2024, Teaching hours of the Course: 30 hours
- Lectures are scheduled on Wednesday and Thursdays; 02:00 PM. onwards. (subject to availability of the experts)
- Online platform to attend classes: Google Meet / Zoom /Microsoft Teams
- WhatsApp is used for connecting with the learners using their cell phone numbers.
- Lecture topic, date, timing, and other important details are regularly shared on WhatsApp Group from time to time.
- Central Library updates the Deans and Head of Departments about the students' progress from time to time.

COURSE STRUCTURE:

MODULES	UNIT TITLES	TEACHING HOURS
01 Theory		
Unit- 01	Philosophy and Ethics	3
Unit- 02	Scientific Conduct	**5**
Unit- 03	Publication Ethics	**7**
02 Practice		
Unit- 04	Open Access Publishing	**4**
Unit- 05	Publication Misconduct	**4**
Unit- 06	Databases and Research Metrics	**7**
	Total	**30**

Syllabus of "Research and Publication Ethics" (RPE)

- **Unit- 01: Philosophy and Ethics (3 hours)**

    1. Introduction to philosophy: definition, nature and scope, concept, branches

    2. Ethics: definition, moral philosophy, nature of moral judgements and reactions

- **Unit-02: Scientific Conduct (5 hours)**

    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

- **Unit- 03: Publication Ethics (7 hours)**

    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 behaviour and vice versa, types

    5. Violation of publication ethics, authorship and contributorship

    6. Identification of publication misconduct, complaints and appeals

    7. Predatory publishers and journals

- **Unit- 04: Open Access Publishing (4 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 Suggested, etc.

- **Unit- 05: Publication Misconduct (4 hours)**

    A. Group Discussions (2 hours)

    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 hours)

1. Use of plagiarism software like Turnitin, Urkund and other open source software tools

- **Unit- 06: Databases and Research Metrics (7 hours)**

    A. Databases (4 hours)

    1. Indexing databases

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

    B. Research Metrics (3 hours)

    1. Impact Factor of journal as per Journal Citation Report, SNIP, SIR, IPP, Cite Score

    2. Metrics: h-index, g index, i10 index, altmetrics

Pedagogy:

- Online/ offline teaching
- Discussions on a common platform
- Practical demonstrations
- Doubt clearing sessions
- Discussion forum
- Well-structured learning based periodic assignments, Examination/ Evaluation
- Continuous assessment through tutorials, assignments, quizzes, and group discussions.
- Due weightage for active participation
- Examination as per the format/mode adopted by the University
- Students shall get two credits upon successful completion of the Course

Learning Outcome:

By the end of the Course, students will be able to understand the importance of being ethical in carrying out research and publication activities. They will be able to differentiate the quality publication practices and how to be cognisant about dubious publishing practices/publishers. More importantly, there will be an increased awareness about 'open access' and contribution of research output to open access publishing platforms. The learners will also get acquainted with the software/databases which are necessary for carrying out research work.

Contact
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Co-Coordinators