

( Added New Course In Ph.D. Coursework from 2020-21 Onward )

**PAPER-II: RESEARCH AND PUBLICATION ETHICS Credits-2, M.M.-100**

(As per UGC Recommendation)

Modules Theory	Unit title	Teaching Hours
RPE-01	Philosophy and Ethics	4
RPE-02	Scientific Conduct	4
RPE-03	Publication Ethics	7
<b>II Modules Practice</b>		
RPE-04	Open Access Publishing	4
RPE-05	Publication Misconduct	4
RPE-06	Database and Research Matrices	7
	<b>Total</b>	<b>30</b>

**RPE-01 Philosophy and Ethics (4 Hours)**

- 1 Introduction to Philosophy : definition, nature, scope, concept, Branches
- 2 Ethics: definition, moral philosophy, nature of moral judgment and reactions

**RPE-02 Scientific Conduct (4 Hours)**

- 1 Ethics with respect to science and research
- 2 Intellectual honesty and research integrity, copyright
- 3 Scientific misconduct : falsification, fabrication and Plagiarism (FFP)
- 4 Redundant Publication : duplication and overlapping publication, salami slicing
- 5 Selective reporting and misrepresentation of data

**RPE-03 Publication Ethics (7 Hours)**

- 1 Publication Ethics: definition, introduction and importance
- 2 Best practice/standard setting initiative and guidelines: COPE, WAME, etc
- 3 Conflict and interest
- 4 Publication misconduct : definition, concept, problems that leads to unethical behaviour and viceversa, type
- 5 Violation of publication ethics, authorship and contributor ship
- 6 Identification of publication misconduct, complaint and appeals
- 7 Predatory publisher and journals, Avoiding Plagiarism, Preparing documents for MoUs, Confidentiality Agreements

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### **II (Practice): (8 Hours)**

#### **RPE-04 Open access publishing (4 Hours)**

- 1 Open access publication and initiatives
- 2 SHERPA/RoMEO online resource to check publisher copyright and self-archiving policies
- 3 Software tool to identify predatory publication developed by SPPU
- 4 Journal finder/journal suggestion tools viz. JANE, Elsevier Journal finder, Springer, Journal Suggested, etc.

#### **RPE-05 Publication Misconduct (4Hours)**

##### **A Group Discussion (2Hours)**

- 1 Subject Specific Ethical Issues FFP, authorship
- 2 Conflict 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

#### **RPE-06 Database and Research metrics (7 Hours)**

##### **A. Database (4Hours)**

- 1 Indexing database
- 2 Citation database: web of science, Scopus etc.

##### **B Research metrics (3 Hours)**

- 1 Impact factor of Journal as per journal citation report, SNIP,SJR,IPP, Cite Score
- 2 Metrics: h-index, g-index, i-10 index, alt metrics



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