**COURSE NAME: RESEARCH PUBLICATION AND ETHICS**

**FOR: PH.D. STUDENTS (AS PER UGC GUIDELINES)**

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| **S.N.** | **Syllabus** | **Name of Faculty Members** | **Teaching Hrs.** |
| **1.** | **Philosophy and Ethics**  **1.** Introduction to philosophy: Definition, nature and scope, concept, branches  **2.** Ethics: Definition, moral philosophy, nature of moral judgements and reactions | Prof. P.K. Yadav | 03 |
| **2.** | **Scientific Misconduct**  **1.** Ethics with respect to science and research  **2.** Intellectual honesty and research integrity | Dr. Bhupendra Chaudhary | 02 |
| **3.** Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)  **4.** Redundant publications: duplicate and overlapping publications, salami slicing  **5.** Selective reporting and misrepresentation of data | Prof. S.K. Singh | 03 |
| **3.** | **Publication Ethics**  **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 | Dr. Manisha Sharma  &  Dr. Dinesh Sharma | 04 |
| **5.** Violation of publication ethics, authorship and contributorship  **6.** Identification of publication misconduct, complaints and appeals  **7.** Predatory publishers and journals | Prof. N.P. Malkania | 03 |
| **4.** | **Open Access Publishing**  **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 development by SPPU | Prof. Sanjay K. Sharma | 04 |
| **4.** Journal finder/ journal duggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc. | Prof. Sanjay K. Sharma/  Dr. Satish Mittal/  Prof. S.K. Singh/  Dr. Amit Awasthi/  Dr. Arvind Singh | 01 hr. each (subject-specific) |
| **5.** | **Publication Misconduct**  **A. Groups Discussions**  **1.** Subject specific ethical issues, FFP, authorship  **2.** Conflicts of interest  **3.** Complaints and appeals: examples and fraud from India and abroad | Prof. Shweta Anand  Dr. Manisha Sharma | 02 |
| **B. Software Tools**  Use of plagiarism software like Turnitin, Urkund and other open source software tools  **C. Databases**  **1.** Indexing databases  **2.** Citation databases: Web of Science, Scopus, etc.  **D. Research Metrics**  **1.** Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score  **2.** Metrics: h-index, g-index, i10 index, altmetrics | Dr. Amit K. Awasthi  Dr. Shakti Shahi  Dr. Bhupendra Chaudhary | 09 |