**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 AnandDr. 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. AwasthiDr. Shakti ShahiDr. Bhupendra Chaudhary | 09 |