

Course Name: **Research and Publication Ethics (Code: CPE-RPE)**

Course Nature: **Mandatory**

Course Coordinators: **Dr. S.K. Prasad and Dr. A.K. Singh**

Total duration: **30 Hrs** Credit points: **2**

Section	Contents	Duration	Date & Time	Instructor
1	Ethics in Scientific Research: Ethical values, Research/Scientific Misconduct Case studies: Research misconduct, Responding to Research misconduct, Ethical guidelines: Data management, Dissemination of research findings, Authorship, Manuscript preparation, Publication practices, Peer review, Conflicts of Interest, and Intellectual property, Researchers in Society Questionable Research Practices Good Research Practices	Teaching: 1.5 hr Discussion: 0.5 hr Group Activity: 2 hr	19 August 2021 Thursday 11:00 AM – 01:00 PM	Dr. Geetha G Nair
			26 August 2021 Thursday 11:00 AM – 01:00 PM	
2	<a href="#">Manuscript preparation: Abstract, Introduction, Methods, Results, Discussion, Conclusions, Bibliography, Appendices, Artwork, Tables, Weblinks</a> Publication Ethics: definition, introduction and importance, Best practices/ standard settings initiatives and guidelines: COPE, WAME, etc. Open access publications and initiatives, SHERPA/ROMEO online resource to check publisher copyright & self-archiving policies	Teaching: 2.5 hr Discussion: 0.5 hr Group Activity: 1 hr	2 September 2021 Thursday 11:00 AM – 01:00 PM	Dr. S Krishna Prasad Dr. D S Shankar Rao
			9 September 2021 Thursday 11:00 AM – 01:00 PM	
3	<a href="#">The peer review process: How to write a scientific review? Scientific misconduct: Falsification, Fabrication, and Plagiarism (FFP)</a> Redundant publication: duplicate and overlapping. Selective reporting and misrepresentation of data	Teaching: 1.5 hr Discussion: 0.5 hr Group Activity: 2 hr	16 September 2021 Thursday 11:00 AM – 01:00 PM	Dr. Ashutosh K Singh Dr. S Krishna Prasad
			23 September 2021 Thursday 11:00 AM – 01:00 PM	
4	<a href="#">Scientific databases, search engines in science, public libraries, Indexing databases Citation databases: Web of Sciences, Scopus, etc.</a> Software tools: Use of plagiarism software like Turnitin, Urkund and other open source software Software tool to identify predatory publications developed by SPPU. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Spring Journal Suggester, etc.	Teaching: 1 hr Discussion: 0.5 hr Group Activity: 2.5 hr	30 September 2021 Thursday 11:00 AM – 01:00 PM	Dr. P Viswanath Dr. Nayana J
			7 October 2021 * Thursday 11:00 AM – 01:00 PM	
5	The working of scientific establishment, research funds, how to write a proposal, and periodic reports. Complaints and appeals for violation of Scientific and Publication misconducts: give some examples of fraud from India and abroad to explain	Teaching: 2 hr Discussion: 1 hr Group Activity: 1 hr	21 October 2021 Thursday 11:00 AM – 01:00 PM	Prof. BLV Prasad Dr. C V Yelamaggad
			28 October 2021 Thursday 11:00 AM – 01:00 PM	
6	How to make effective oral and poster preparation. Impact factor of journals as per Journal citation report, SNIP, SJR, IPP, Cite score Metrics: h-index, g index, i10 index, altimetric	Teaching: 1.5 hr Discussion: 0.5 hr Group Activity: 2 hr	4 November 2021 Thursday 11:00 AM – 01:00 PM	Dr. Pralay K Santra
			11 November 2021 Thursday 11:00 AM – 01:00 PM	
7	Means of communicating scientific data: Necessity of Society meetings, journals, journal policies, journal sections	Teaching: 1.5 hr Discussion: 0.5 hr Group Activity: 2 hr	18 November 2021 Thursday 11:00 AM – 01:00 PM	Dr. Kavita Pandey
			25 November 2021 Thursday 11:00 AM – 01:00 PM	
Final Seminar	Based on the topics from section 1-7, students will give a presentation of at least 10 minutes each (topics will be floated by all Instructors)	2 hrs.	2 December 2021 Thursday 11:00 AM – 01:00 PM	All instructors
Final Exam		2 hrs.	16 December 2021	

\* **Notes:**

- (1) The *Group Activity* could be in the form including group discussion or seminar or group writing or a combination of these and for the section will be decided by the particular instructor.
- (2) This section involves an external resource person as well and thus Dr. Nayana will be informing the actual date and time.