



JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR

ESTABLISHED BY GOVERNMENT OF RAJASTHAN

UGC APPROVED | NAAC ACCREDITED

Research & Development

UNIVERSITY COMPULSORY COURSE (UCC)

Total Hours: 30 Hrs Total Credits: 2 Credits Theory: 2 Credit

Course Outcomes: On studying this paper, the student will be able to:

1. Knowledge of research methodology to students.
2. Develop research skills as research is necessary for the academic development of the subject.

Meaning of research; objectives of research; basic steps of research; criteria of good research; types & design of research. Meaning of research problem; selection of research problem. Review of related literature- Meaning, necessity and sources. Hypothesis- Meaning, function and types of hypothesis; Null/Alternative hypothesis, Tools and techniques of data collection- questionnaire, schedule, interview, observation, case study, survey etc.

Interpretation of Data and Paper Writing- Layout of a Research Paper, Journals, Impact factor of Journals, When and where to publish? Meaning and importance of workshop, seminar, conference, symposium etc. in research. Plagiarism - Definition, different forms, consequences, unintentional plagiarism.

Report Writing and Related Techniques: Planning of a Research Report – Presenting Literature Review - Stages of Writing Report – Precaution for Writing Research Reports – Citations - Footnotes – Endnotes – Bibliography – Proof Correction – Finalization of Thesis - h-index - i10-index - Impact Factor – Citation index of Journals.

RESEARCH ETHICS, IPR AND SCHOLARY PUBLISHING: Ethics-ethical issues, ethical committees (human & animal); IPR- intellectual property rights and patent law, commercialization, copyright, royalty, trade related aspects of intellectual property rights (TRIPS); scholarly publishing and design of research paper, citation and acknowledgement, reproducibility and accountability.