

PAPER-517

RESEARCH METHODOLOGY-I

Units	Course	Lectures	Credits
Unit-I	Scope of Research and Ethics	8-10	1
	i) Introduction and Scope		
	ii) Research problem: Identification, Selection, Formulation of research objectives		
	iii) Research design: Components, Types and Importance		
	iv) Research ethics, Institutional ethics committee		
	v) Plagiarism-Pitfall		
Unit-II	Technical Writing	8-10	1
	Types of technical documents; Full length research paper, Short/Brief communications, Letters to editor, Book chapter, Review, Conference report, Project proposal		
	Components of a full length research paper; Title/Topic statement, Abstract/key words, Aims and objectives, Hypothesis building, Rationale of the paper, Work plan, Materials and methodology, Results and discussion, Key issues and arguments, Acknowledgement, Conflict of interest statement, bibliography, Technical Resumes and Cover Letters		
	Components of a research proposal; Project summary Key words, Origin of the proposal, Major objectives Methodology, Instrument facility available in the PI's department, Overview of status of Research and Development in the subject, Importance of the proposed project in the context of current status, Bibliography		
Unit-III	Scientometrics	10-12	1
	How to cite and how to do referencing		
	Literature search technique, using SCOPUS, Google Scholar, PUBMED, Web of science, Indian Citation Index, and RG		
	Styles of referencing; APA, MLA, Oxford, Harvard, Chicago		
	Annotated bibliography		
	Tools for citing and referencing, Grammarly, Endnote etc		
Unit-IV	Presentation and Communication Skills	10-12	1
	Tables, Figures and Pictures using Excel		
	Power point slide preparation		
	Preparation of Posters		
	Electronic submission of manuscripts		
	Communication skills, oral and poster		

SYLLABUS FOR M.PHIL COURSE WORK AT GMU-2019

PAPER-611

INDIAN HISTORIOGRAPHY AND RECENT TRENDS

UNITS	COURSE	Lectures	Credits
Unit-I	Evolution of Ancient Indian Historiography.	8-10	1
	i) Itihasa- Purana Tradition		
	ii) Vedic Historiography		
	iii) Buddhist and Jaina Historiography.		
	iv) Bana's Harshacharita		
	v) Kalhana's Rajatarangini		
Unit-II	Medieval Indian Historiography	8-10	1
	i) Alberuni		
	ii) Zia-ud-din Barani		
	iii) Abul Fazl		
	iv) Amir Khushrau		
Unit-III	Post-Renaissance Development in Indian Historiography.	8-10	1
	i) Colonial School		
	ii) Nationalist School		
	iii) Marxist School		
	iv) Annales School		
	v) Post-Modernism- Foucault		
Unit-IV	Recent Trends in Indian Historiography.	10-12	1
	i) Subaltern Historiography- History from below- Ranjit Guha, Gautam Bhadra, Dipankar Chakravarty.		
	ii) Women History- Gender Debate		
	iii) History of Science and Technology, Cultural Developments and changes, Social Movements		
	iv) History of Ecology and environment		

PAPER-513

RESEARCH METHODOLOGY-II

UNITS	COURSE	Lectures	Credits
Unit-I	IPR and Cyber Law.	8-10	1
	i) Patents		
	ii) Patent laws, process of patenting a research finding		
	iii) Intellectual property (IP), Intellectual property right (IPR)		
	iv) Copyright, Trademarks, GI		
	v) Cyber laws		
	vi) COPE		
Unit-II	Quantitative Data Analysis	10-12	1
	i) Types of Data, Data Collection – Methods and Tools		
	ii) Hypothesis testing		
	iii) Normal and Binomial distributions and their property		
	iv) Tests of significance: Student t- test, F- test, Chi-square test		
	v) Correlation and Regression		
	vi) ANOVA – One-way and Two-way, Multiple-range test		
Unit-III	Computer Fundamentals.	10-12	1
	i) Introduction to MS-Office software: MS-Word(Track change)		
	ii) MS-Excel		
	iii) MS-Power Point		
	iv) MS-Access		
	v) Features for Statistical Data Analysis ToolPack, SPSS		
Unit-IV	Tools and Techniques of Historical Research.	8-10	1
	i) Interpretation of Sources: Subjectivity; Objectivity; Historical Criticism; Heuristic and Hermeneutics		
	ii) Settling the problem of Chronology: Dating Gupta Era and Saka Era; Carbon Dating, Thermoluminiscence, Potassium-Argon Dating; Dendro- Chronology.		
	iii) Extracting Historical facts from Orature: Folklore, Folksong, Legends etc.		
	iv) Consulting Archaeological Source; Epigraphy, Numismatics.		