



SET - B

**VIKRAMUNIVERSITY, UJJAIN**

**According to UGC Regulation 2009 & New Ordinance 89 & 90 M.Phil/  
Ph.D. course work syllabus for  
Social Science Faculty /Lib.&Infor. Science/Commerce Faculty**

**Course Work - I, Research Methodology (Including Quantitative methods and  
computer application)**

(Max. 50 Marks)

**Frist Paper - Research Methodology & Quantitative Techniques**

Research-nature, Techniques of Social Research, Logical, Historical and Science Methods.

Problem Formulation, Research design and Project Formulation-hypothesis, concepts, selection of universe, sampling, Sources of Data Collection-Primary and Secondary.

Techniques of Data Collection-Content Analysis, Interview, Observation, Schedule and Questionnaire, Projective techniques and use of Mechanical aids.

Techniques of Measurement Analysis-

Data Processing-Editing. Coding, Sorting and Computing Variables, Classification and Tabulation.

Report Writing-Introduction, Research methods, Referencing and Foot Noting. Analysis and Interpretation, Presentation of Conclusion, Presentation of Tables and Diagrams, Statistical Tests.

Frequency Distribution

Measurement of Central Tendency

Measurment of Deviations

Correlation - Regression.

Chi square Test.



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**Second Paper - Computer Application**

**(Max. 50 Marks)**

01. Introduction to Computer  
Basic Computer organisation  
Computer Peripherals  
Types of Software
02. Structural and Functional Aspects of Computers
03. Commonly used Programmes and Packages  
Windows  
Windows XP  
Icons & Desktop Properties
04. Introduction to MS Word, MS Excel, Power Point  
Word Processor  
MS Word Starting & Editing  
Formatting and printing of document  
Making Excel Files  
Slide Preparation and Presentation
05. Internet and SPSS  
Introduction to Internet & Its Application in Research  
Introduction to SPSS



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**Course Work II - Review of Published research in the relevant field**

**At Least 10 Papers/Books  
Written Report - 70 Marks  
Oral Presentation - 30 Marks**

In Commerce faculty

At least 5 Research Papers ISSN. or

2 Books ISBN or 2 Ph.D. Theses  
awarded in the relevant field.

Written Report 70 Marks } Passing  
Oral Presentation 30 Marks } Marks  
40.  
Total 100

~~Board~~ गणित 3 प्रश्न  
होम अट 500  
Date 26/8/14 at  
GIRN I.

26/8/14

26/8/14