

**Dr. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD
DEPARTMENT OF ECONOMICS**

M.A. (Economics) SYLLABUS

Course Code No.: ECO-203	No. of Credits:04	Semester: II
Course Title:	RESEARCH METHODOLOGY AND COMPUTER APPLICATIONS	
Course Objectives:		
1) To familiarize students with basic techniques used in social science research		
2) To familiarize students with data analysis using software packages		
Unit	Course Content	Periods
I	Data Collection and Classification 1.1 Meaning and Nature 1.2 Types of data 1.3 Data collection methods 1.4 Data classification	15
II	Data Tabulation and Presentation 2.1 Types of tabulation 2.2 Presentation of data-Charts 2.3 Presentation of data –Graphs 2.4 Features, Significance and limitations	05
III	Sampling Techniques 3.1 Meaning and Nature 3.2 Probability Sampling 3.3 Non-Probability Sampling 3.4 Significance and limitations	20
IV	Central Tendency and Dispersion 4.1 Meaning 4.2 Measures of central tendency 4.3 Measures of Dispersion 4.4 Properties of good average and measures of dispersion	10
V	Computer Applications 5.1 Basic concepts of computer 5.1 Need of computer in research 5.2 MS Word , Excel 5.3 Introduction to SPSS-Data analysis with SPSS: work flow, Description , functions , menus, commands, manual input of data and file import , data transformation ,syntax, files, scripts.	10

Course Outcome:

- 1) students will get equipped with the basic tools ^{research} in social science research.
- 2) students will get hands on experience in the use of software for data analysis.

D. Mahajan

**Professor and Head,
Department of Economics
Dr. Babasaheb Ambedkar
Marathwada University,
Aurangabad.**