

SOLAPUR UNIVERSITY, SOLAPUR
Semester Pattern Syllabus
(FOR REGULAR STUDENTS)
M.Com Part – II
ADVANCED STATISTICS Paper – IV
RESEARCH METHODOLOGY AND PROJECT WORK
(w. e. f. June 2012)
Semester – III

Course Objectives: To provide basic research knowledge on formulation, appraisal, financing, administration and control of projects.

Periods – 60

Marks – 50

1. Research: Meaning, Objectives, Types of research, Methods of research – Survey Method and case study method.
2. Research Design: Meaning and Objectives, Characteristics of good research design, Components of the research design.
3. Data Collection: Meaning, Method of Data Collection, Analysis and Interpretation of Data.
4. Scientific research process-steps in scientific research process.
5. Report Writing – Elements, Characteristics of a good report.

References:

1. Baily K.D, 1982, Methods of Social Research Free press, New York.
2. Bajpai S.R. 1969. Social Survey and Research. Kanpur: Kitab Ghar.
3. Barnes,John A, 1979,Who Should Know What ? Social Science, Privacy and Ethics, Harmondsworth, Penguin.
4. Bleicher M. 1988.The Hermeneutic Inagination, London. Routledge and Kegan Paul (Introduction onlu)
5. Bose.Pradip Kumar,1995: Research Methodology, New Delhi,ICSSR.
6. Bryman, Alan,1988, Quality and Quantity in Social Research, London: Unwin Hyman.
7. Elhance, D. N. (1962), Fundamentals of Statistics, Kitab Mahal, Allahabad.
8. Fayerabad,Paul,1975, Against Method: Outline of an Anarchistic Theory of Knowledge, London, Humanities Press.
9. Goode, J. and Hatt P.J., Methods in Social Research,New York McGraw Hill.
10. Gupta, S. C. (1981), Fundamentals of Statistics, Himalaya Publishing House, Bombay.
11. Gupta, S. C. (1993), Fundamentals of Applied Statistics, S. Chand & Sons., New Delhi.
12. Handry, A. T. (1999), Operations Research, Prentice Hall of India, New Delhi.
13. Hughes, Jon, 1987, The Philosophy of Social Research, London, Longmon. Indian Journal of Social work 1985, Sppcial issue of Research Mothodology Irvine. J.I. Miles and J. Evans (eds) 1979. Demystifying Social Statistics. London, Pluto Press.
14. Kothari, C. R. (1992), An Introduction to Operations Research, Vikas Publishing House, New Delhi.
15. Mathur, P. N. and R. Bharadwaj (Eds.) (1967), Economic Analysis in Input-Output Research, Input-Output Research Association of India, Pune.

16. Monga, G. S. 1972), Mathematics and Statistics for Economists, Vikas Publishing House, New Delhi.
17. Mukherjee, P.N. (eds),2000, Methodology in Social Research. Delimmas and perspectives, New Delhi, Sage (Introduction).
18. N. M. Downie and R. W. Heath (1970), Basic Statistical Methods, Harper and Row, New York.
19. Popper K., 1999, The Logic of Scientific Discovery, London, Routledge.

SOLAPUR UNIVERSITY, SOLAPUR

Semester Pattern Syllabus

M.Com. Part II

Project Work - Paper IV

Semester IV

Submission of Project Report

Every Student who has taken admission to the M.Com. Regular Course has to prepare a project report and submit to the concerned institution/college in which researcher is admitted. The Project report generally includes the following points.

- 1) Specification of Research Proposal (Object, Scope, Limitations)
- 2) Data collection
- 3) Analysis of Data
- 4) Presentation of Data
- 5) Findings and Suggestions
- 6) Report Writing

Note:

For regular students: Section I carries 50 Marks and Section II (Submission of Project Report) carries 50 Mark, Out of these 30 marks are reserved for preparation of Project and 20 marks for its presentation. For regular students submission of Projects is compulsory and he/she has to appear University Theory Examination of 50 marks based on the Syllabus of Section I only.

Proposed Topics for project Work:

A Student has to prepare a Project on any topic by using any or some of the following statistical techniques. Sampling Techniques, Design of Experiment, S.Q.C., Time Series, Index Numbers, O.R. Technique, Demography; Test of Significance, fitting of Statistical distributions etc.

NB : For Guide lines of the Scheme of M.Com. Part II, Paper -IV [a to k]
(Research Methodology & Project work) please refer the last page of the syllabus)

Guidelines for Regular Students -

- 1) Distribution of Marks
 - A) Research Methodology (Theory Examination) 50 Marks
 - B) Project Work 50 Marks
- 2) Theory Examination of Research Methodology will be conducted by the University at the end of the academic year. Duration of this Paper will be two hours.
- 3) The Division of 50 Marks of Project Work will be as follows:

Project report writing	30 Marks
Project Viva Voce	20 Marks
- 4) Viva-Voce will be conducted at the end of the academic year but before the commencement of theory examination. It will be conducted by the Internal & External Examiners appointed by the University.
- 5) 50 Marks of Project Work will be given by Internal & External Examiners and the average of these marks will be taken as final marks.
- 6) Project Work will be done by the student individually.
- 7) The Project report shall consist at least typed 50 Pages.
- 8) Two Copies of typed Project Reports should be submitted through the concerned college up to 1st March of the year concerned.
- 9) Students are required to prepare the Project report based on the field work and studying the current trends in commerce & Management under the guidance of the Project Guide.
- 10) The Project Report contents at least following aspects.
 - A) Objectives of the Project
 - B) Tools used for collection of Data
 - C) Observations, findings, & conclusions
 - D) Suggestions.
- 11) All recognized PG. Teachers under commerce faculty are eligible to work as Project Guide.
- 12) The Responsibility of the Project Work will I e shared by all P.G. Teachers in Proportion.

Guidelines for External Students -

- 1) External students will have to appear only for theory paper of Research Methodology for 50 Marks.
- 2) The marks obtained by the students out of 50 in this paper will be converted into 100 marks.

Reference Book:

1. Ackott Russell L . The Design of Social Research, University of Chicago press srb-
M.Com. Part-II - Revised Syllabus-2004 Pg No. 44
2. Barenson Conard and Cotton Raymond : Research and Report writing for Business
and Economics, Random house, New York.
3. Yong Pauline V : Scientific Social Survey and Research, prentice Hall New York.
4. Hons Raj : Theory and Practice in Social Research, Surjeet publication, New Delhi.
5. Gupta S.C.: Fundamentals of statistics, Himalaya Publishing house, Bombay
6. Gupta & Kapoor: Fundamental of Mathematical statistics, Sultan Chand, New Delhi.
7. Gupta & Kapoor: Fundamental of Applied statistics, Sultan Chand, New Delhi.
8. Ryan Joiner and Ryan: Handbook of Minitab.
9. Marijia J. Norusis : SPSS for windows, Professional Statistics SPSS Inc. Chicago,
Illinois.
10. John Walkenbach : Microsoft Excel, IDG Books (P) td., New Delhi.



Solapur University, Solapur

Nature of Question Paper For Semester Pattern

• Faculty of Commerce (B.Com., M.Com.)

Model Question Paper

(w.e.f. June 2011)

Time: - 2 hrs.

Total Marks-50

- | | | |
|-------------|--|-----------|
| Q. 1 | Multiple choice questions
(four alternatives should be given) | 10 |
| | 1 ----- | |
| | (a) (b) (c) (d) | |
| | 2 | |
| | 3 | |
| | 4 | |
| | 5 | |
| | 6 | |
| | 7 | |
| | 8 | |
| | 9 | |
| | 10 | |
| Q. 2 | Answer the following
(Short note/Short problem/Short answer) | |
| | (A) | 05 |
| | (B) | 05 |
| Q. 3 | Answer the following
(Short note/Short answer/Short problem) | |
| | (A) | 05 |
| | (B) | 05 |
| Q. 4 | Answer any one (Long answer/Problem) | 10 |
| | i) | |
| | ii) | |
| Q. 5 | Answer any one (Long answer/Problem) | 10 |
| | i) | |
| | ii) | |

1. Structure of the courses :-

- A) Each paper of every subject for Arts, Social Sciences & Commerce Faculty shall be of 50 marks as resolved by the respective faculties and Academic Council.
- B) For Science Faculty subjects each paper shall be of 50 marks and practical for every subject shall be of 50 Marks as resolved in the faculty and Academic Council.
- C) For B. Pharmacy also the paper shall be of 50 marks for University examination. Internal marks will be given in the form of grades.
- D) For courses which were in semester pattern will have their original distribution already of marks for each paper.
- E) For the faculties of Education, Law, Engineering the course structure shall be as per the resolutions of the respective faculties and Academic Council.

2. Nature of question paper:

A) Nature of questions.

"20% Marks - objectives question" **(One mark each and multiple choice questions)**

"40% Marks - Short notes / Short answer type questions / Short Mathematical type questions/ Problems. **(2 to 5 Marks each)**

"40% Marks - Descriptive type questions / Long Mathematical type questions / Problems. **(6 to 10 Marks each)**

- B) Objective type question will be of multiple choice (MCQ) with four alternatives. This answer book will be collected in first 15 minutes for 10 marks and in first 30 minutes for 20 marks.
Each objective question will carry one mark **each**.
 - C) Questions on any topic may be set in any type of question. All questions should be set in such a way that there should be permutation and combination of questions on all topics from the syllabus. As far as possible it should cover entire syllabus.
 - D) There will be only five questions in the question paper. All questions will be compulsory. There will be internal option **(40%)** and not overall option.
for questions 2 to 5.
3. Practical Examination for B. Sc. I. will be conducted at the end of second semester.
4. Examination fees for semester Examination will be decided in the Board of Examinations.

The structures of all courses in all Faculties were approved and placed before the Academic Council. After considered deliberations and discussion it was decided not to convene a meeting of the Academic Council for the same matter as there is no deviation from any decision taken by Faculties and Academic Council. Nature of Question Paper approved by Hon. Vice Chancellor on behalf of the Academic Council.