

SKILL DEVELOPMENT ACTIVITIES

(Any Three of the following)

(**IMPORTANT NOTES** - At the end of the course three point/ activities each should be selected for each semester (III & IV semester) from the different points given in the appendix.

The important questions and issue in your area should be considered and the issue / activities related to the subject should be given to the student accordingly . Such as Agriculture Sector ,farmers ,Cooperative Sector ,Small Scale Industries etc.)

1. Prepare a chart showing the steps of research.
2. Prepare a chart showing the sampling technique
3. Prepare Charts showing sources of primary data.
4. Prepare a chart showing sources of secondary data.
5. Construct a questionnaire to measure student's attitude towards the purchase of two wheelers / readymade garments etc.
6. Collect the data related to any schemes of your locality and present in front of the students.
7. Construct a questionnaire for collection of primary data on any Social issue.

Savitribai Phule Pune University
Skill Enhancement Course (SEC):
SYBA (Economics)
Basic Concept of Research Methodology

Credits: 02

Periods: 45

Marks: 50

	<p>Course outline: The course will be given in the form of lectures and practical work .Lectures will focus on research, especially with regard to sampling methods, data collection and data preparation. The course will focus on the practical implementation of diverse sample techniques. Students are expected to collect and classify the data.</p> <p>Aims and objectives of course:</p> <ul style="list-style-type: none">• To develop the understanding of the basic concept of research.• To develop the understanding of the basic framework of sampling and data collection..• To develop the understanding of various sampling methods and techniques.• To identify various sources of information for data collection.• To develop the understanding of the conducting survey on various issues. <p>Learning outcomes of course : On completion of the course, the student shall be able to</p> <ul style="list-style-type: none">• Demonstrate his/her understanding of sampling methods and the ability to use collection of data• Identify the appropriate sample techniques for different kinds of research questions• Identify the appropriate source of data in relation to the collection of research data.• Able to classify and present the collected data in the form of graph, bar diagram, chart etc	
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Semester III
Skill Enhancement Course (SEC): I

SYBA (Economics) - SEC -2A
Basic Concept of Research Methodology

Unit	Name and Contents	Number of Lectures
Unit 1	Introduction Of Research	10
1.1	Meaning and Definition of Research	
1.2	Types Of Research i)Basic or Pure or Fundamental Research ii)Applied Research iii)Action Research	
1.3	Importance Of Economics Research	
Unit 2	Research Design	10
2.1	Meaning of Research Design	
2.2	Need of Research Design	
2.3	Types of Research Design i)Exploratory Design ii)Descriptive Design iii)Experimental Design	
2.4	Concepts of Hypothesis and Importance	
Unit 3	Data Collection	10
3.1	Meanings and Definition of Data Collection	
3.2	Primary Data	
3.3	Secondary Data Sources	
SKILL DEVELOPMENT ACTIVITIES	SKILL DEVELOPMENT ACTIVITIES Continuous Assessment - (C. A.): To compete any Three Skill Development Activities from the prescribed syllabus, each activity for 05 marks	15
SEMESTER- IV SEC -2B - Skill Enhancement Course (SEC)-II		
Unit 1	Data Analysis	8
1.1	Meaning and Definition of Data Analysis	
1.2	Nature And Importance	
1.3	1.3.1 Graphs	
	1.3.2 Tabulations	

Unit 2	Measures of Central Tendencies	8
2.1	Definition of Mean	
2.2	Definition of Medium	
2.3	Definition of Mode	
2.4	Meaning of Dispersion Definition -Range, Median Deviation, Quartile Derivation, Standard Derivation	
2.5	Concept of Percentages	
2.6	Concepts:- i) Frequency Distribution ii)Cumulative Frequency iii) Class Boundaries iv) Midpoint v) Class Width	
Unit 3	Research Report	14
3.1	Meanings And Objective of Research Report	
3.2	Concepts Of Case Study	
3.3	Characteristics of Good Research Report Writing	
3.4	Objective of Research Report	
3.5	Types Of Research Report	
3.6	Concepts of i)Appendices ii) Review Of Literature iii)Bibliography And References iv)Recommendation v)Hypothesis Testing	
SKILL DEVELOPMENT ACTIVITIES	SKILL DEVELOPMENT ACTIVITIES Continuous Assessment - (C. A.): To compete any Three Skill Development Activities from the prescribed syllabus, each activity for 05 marks	15

Recommended Books:

1. P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition, Pitman.
2. M.R. Spiegel (2003), Theory and Problems of Probability and Statistics (Schaum Series).
3. Cochran, William, G. (2008), Sampling Techniques, Third Edition, Wiley-India, ISBN 978 -81-265-1524-0.Reprint: 2008.
4. Bethlehem, J. (2009), Applied Survey Methods: A Statistical Perspective, Wiley.
5. Khandare V.B. and S.Yadav (2015) ,Statistical Methods,Chinmay Publication,Aurangabad.

6. Uwe Flick (2012), *Introducing Research Methodology: A Beginner's Guide to Doing a Research Project*, Sage Publications.
7. S.P.Gupta (2012), *Statistical Methods*, 42nd edition, Sultan chand and sons.
8. Ranjit Kumar (2014), *Research Methodology: A Step-by-Step Guide for Beginners*, 4th Edition, Sage Publications.