

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

New Arts, Commerce, and Science College

Ahmednagar (Autonomous)

(Affiliated to Savitribai Phule Pune University, Pune)



National Education Policy (NEP)

Choice Based Credit System (CBCS)

Programme Framework and Syllabus for

Skill Enhancement Courses: Economics

कौशल्य वृद्धी अभ्यासक्रम: अर्थशास्त्र

Implemented from

Academic Year 2024-25

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Introduction of Skill Enhancement Courses: Economics

Indian is an agriculture based country, where more than 50% of population is depend on agriculture. This structures the main source of income. The commitment of agribusiness in the national income in India is all the more, subsequently, it is said that agriculture in India is a backbone for Indian Economy. The contribution of agriculture in the initial two decades towards the total national output is between 48% and 60%. In the year 2001-2002, this contribution declined to just around 26%. The aggregate Share of Agriculture and Allied Sectors, Including agribusiness, domesticated animals, and ranger service and fishery sub segments as far as rate of GDP is 13.9 percent during 2013- 14 at 2004-05 prices.

Agricultural exports constitute a fifth of the total exports of the country. In the perspective of the overwhelming position of the Agricultural Sector, gathering and support of Agricultural Statistics expect incredible significance. So, we can conclude that agriculture is not only an important component of the primary sector, but it also helps to sustain and develop both secondary as well as tertiary sectors. Thus, it is the backbone of the economy.

Skill Enhancement Courses: Framework and Course Distribution:
Subject: Economics

Sr. No.	Year	Semester	Level	Course Type	Course Code	Title	Credits
1.	I	II	5.0	SEC-01	SEC-EC-01T	Statistical Methods-I	02
2.	II	III	5.5	SEC-02	SEC-EC-02T	Statistical Methods-II	02
3.	II	IV	6.0	SEC-03	SEC-EC-03T	Statistical Methods -III	02
Total							06

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Skill Enhancement Courses: Economics

Title of the Course: Statistical Methods-I								
Year: I				Semester: II				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
SEC-01	SEC-EC-01T	02	00	02	30	15	35	50

Learning Objectives:

1. To ability to develop an understanding the Meaning and Definition of Statistics.
2. To ability to develop an understanding the Primary Data and Secondary Data.
3. To ability to develop an understanding the Measures of Central Tendency.

Course Outcomes (Cos)

1. Ability to analyze and evaluate the subject to various aspects of Statistical Methods.
2. Ability to develop an understanding Index Numbers.
3. Ability to develop an understanding of Measures of Central Tendency.
4. Ability to develop an understanding Functions of Statistics.
5. Ability to develop an understanding of Mean, Mode, Median etc.

Detailed Syllabus:

Unit 1	Introduction of Statistics	10
1.1	Origin of Growth of Statistics	
1.2	Scope of Statistics	
1.3	Importance and Limitations of Statistics	
1.4	Functions of Statistics	
Unit 2	Index Numbers	10
2.1	Meaning of Index Numbers	
2.2	Understanding of Index Numbers	
2.3	Importance of Index Numbers	
2.4	Problems of Index Numbers	
Unit 3	Measures of Central Tendency	10
3.1	Arithmetic Mean-Meaning, Merits and Demerits	

3.2 Median-Meaning, Merits and Demerits

3.3 Mode-Meaning, Merits and Demerits

Suggested Readings/Material:

1. S. P. Gupta - Statistical Methods, Sultan Chand & Sons, New Delhi
2. Spiegel, M.R.-Theory and Problems of Statistics, McGraw Hill Book, London.
3. Gupta, S.C. and Kapoor V.K.-Fundamentals and Applied statistics, S. Chand & Sons; New Delhi.

Recommended Readings:

4. Pillai and Bagavathi- Statistics Theory and Practice, S. Chand & Company, New Delhi.
5. Y. R. Mahajan- Problems in Statistics, Pimpalpure and Company Publishers, Nagpur
6. Suklaand Gulshan - Statistics, S. Chand & Company Ltd., New Delhi
7. Shenoy, Srivastav and Sharma- Business Statistics, New Age International Publishers, Mumbai.
8. Elhance and Aggarwal- Fundamentals of Statistics, Kitab Mahal, Allahabad.