

# Savitribai Phule Pune University, Pune

MA/MSc - II Syllabus in Geography (Credit System)

Revised Syllabus (from June, 2020)

**Course: GGUP- 247 Practical in Economic Geography Credit: 04**

**Periods: 60**

Topic No.	Topic	Subtopics	Practical (3 Hours)
1	Techniques in Agricultural Geography	i. Crop Combination: Thomas Method ii. Crop Diversification: Bhatia method iii. Crop Concentration : Jasbir Singh method iv. Measurement of Agriculture Efficiency : Kendall method v. Productivity Index: Enyedi Method vi. Cropping Intensity and Irrigation Intensity	05
2	Techniques in Industrial Geography	i. Lorenz Curve: Calculation and Plotting ii. Location Quotient: Calculation and Plotting iii. Gini's Co-efficient	04
3	Techniques in Trade and Transportation Geography	i. Measures in Network Structure: Ratio Measure, Alpha, Beta, Gamma, Associate Number and Cyclomatic numbers ii. Gravity Potential Population Surface iii. Breaking Point Theory iv. Law of Retail Trade Gravitation	05
4	Cartographic Techniques in Economic Geography	i. Use of Thematic Maps in Economic Geography ii. Use of Choropleth Maps in Economic Geography iii. Use of GIS in Economic Geography	03
5	Industrial Visit	i. Visit to one Agro-based Unit (Industry) and report writing	03

## Reference Books:

1. C. P. Lo and Albert, K. W. Yeung (2002): Concepts and Techniques of Geographic Information System, 2002 Prentice-Hall, India.
2. Kansky, N. T. (1965): Structure of Transport Network
3. Liendsor, J. M. (1997): Techniques in Human Geography, Routledge
4. Lloyd, P. and B. Dicken (1972): Location in Space - A theoretical approach to economic geography. Harper and Row, New York.
5. Majid Hussein, "Agricultural Geography", Rawat Publication.
6. Monkhouse, F. J. and Wilkison, H. R. (1976): Map and Diagrams, Methuen and Co.
7. P. A. Burrough and R. A. McDonnell, (2000): Principles of Geographical Information System, Oxford University Press.

8. Paul A. Longley, Michel F. Goodchild, D J. Maguire and D.W. Rhind (2002): Introduction to Geographic Information Systems and Science, John Wiley and Sons Ltd.
  9. Singh & Kanujia : Map work and Practical Geography
  10. Singh. J. and Dhillon S.S. (1994): Agricultural Geography. Tata McGraw Hill, Publishing Co. Ltd.
- Yeats, M. H. (1974): An introduction to Quantitative Analysis in Human Geography