

5. Urban Entrepreneurship and MSMEs

Course Objective: To equip the students with the knowledge and understanding on Concepts/theories of urban entrepreneurship and provide needy skills through various appropriate concepts to establish and promote urban enterprises.

Course Learning Outcomes:

Upon completion of this course, students shall be able to achieve the following outcomes:

CO1: Explain the basic theories and essentials of entrepreneurship

CO2: Apply the theories of entrepreneurship to the conditions of local urban area and formulate appropriate business ideas.

CO3: Identify and analyze the entrepreneurship opportunities available in local urban area

CO4: Demonstrate practical skills that will enable them to identify various funding sources

CO5: Identify and evaluate the performance of local case studies by understanding the role of various supporting institutions under the existing regulations

Unit-1: Entrepreneurship: Concept and Theories

- Concept and Importance of Entrepreneurship
- Theories of Entrepreneurship: Innovations, X-Efficiency, Risk Bearing
- Women Entrepreneurship
- ECOPRENEURSHIP.

Unit-2: Urban Entrepreneurship and Business Planning

- Urban Entrepreneurial Ecosystem: Factors, Problems and Challenges
- Process of Identification of new Entrepreneurship Opportunities in Urban Areas
- Formulation of Business Planning for Urban Entrepreneurship.
- Case studies

Unit 3: MSMEs and new Urban Entrepreneurship Opportunities

- Features of Micro Small Medium Enterprises (MSMEs)
- Cluster Development Approach and Leveraging Technology for MSMEs
- Problems and Challenges of MSMEs
- New Entrepreneurial Opportunities in Urban Area: Food and Beverages, Sanitary and Health Products, Solid Waste and Scrap Disposal, Tourism and Hospitality Services, Consultancy Services and Event Management, Logistic services

Unit- 4: Financing and Marketing of Urban Entrepreneurship

- Financing the Urban Entrepreneurship and MSMEs: Procedures to obtain formal loans from Banks and other Institutions
- New avenues of Finance: Crowd Funding and Venture Capital; Preparing Detailed Project Report for Loan
- Marketing of Urban Entrepreneurship and MSMEs products: Market Survey, Demand Forecasting, Marketing Strategies, Branding, Planning and Promotion, Digital and Social Media Marketing
- Public Procurement Policy to purchase MSME Products

Unit 5: Institutional Support and Case Studies of Urban Entrepreneurship

- Institutional support and skills for Urban Entrepreneurship and MSMEs
- Government Schemes for promotion of Urban Entrepreneurship and MSMEs: STARTUP INDIA, STANDUP INDIA, PMKVY, PLI etc.
- Rules and Procedures to start Urban Entrepreneurship Firm and MSME
- Discussion of two different types of Case Studies related to Urban Entrepreneurship/MSME with local relevance.

References:

1. Gordona, E and N. Natarajan: *Entrepreneurship Development*, Himalaya Publishing House Pvt Ltd, Mumbai, 2017.
2. Sharma Sudhir, Singh Balraj, Singhal Sandeep, *Entrepreneurship Development*, Wisdom Publications, Delhi, 2005.
3. NITI Aayog: *Report of Expert Committee on Innovation and Entrepreneurship*, New Delhi, 2015. https://niti.gov.in/writereaddata/files/new_initiatives/report-of-the-expert-committee.pdf
4. Reserve Bank of India: *Report of Expert Committee on Marginal, Small, Medium Enterprises*, Mumbai, 2019. <https://www.rbi.org.in/Scripts/PublicationReportDetails.aspx?UrlPage=&ID=924>
5. <https://nimsme.org>

Co-Curricular Activities:

a) Mandatory (*Training of students in the related skills by the teacher for a total 10 Hours*)

1) For Teacher: Training of students by teacher in the classroom and in the field for a total of not less than 10 hours on skills and hands on experience like identification business product, making business plan, preparing DPR for loan, application for bank loan, marketing survey, marketing a product etc pertaining to any type of urban entrepreneurship of local relevance and make a field

visit to any one such unit. The expertise of practicing rural entrepreneurs can be utilized for this purposes.

2) For Student: Students shall visit and understand the functioning of urban entrepreneurship of their interest in the local area. They shall write their individual observations in the given format, not exceeding 10 pages, and submit to the teacher, as Fieldwork Report

3) Suggested Fieldwork Format (*Report shall not exceed 10 pages*):

Title Page, Student Details, Acknowledgments, Index page, Objectives, Step-wise process, Findings, Conclusion & References.

4) Max Marks for Fieldwork Report: 05

5) Unit Tests/Internal Examinations.

Suggested Activities:

Unit-1: Invited Lecture on women entrepreneurship and note making deliberation made from the lecture

Unit-2: Field trip to local industry and report submission

Unit-3 Assignment on problems and challenges of MSMEs

Unit-4: Group discussion on crowd funding

Unit-5: Seminar on various government schemes for promotion of urban entrepreneurship

Note: For the latest topics which have no formal material available, the teacher is expected to prepare own material by using multiple latest sources and practical knowledge.

6. INFERENCE STATISTICS AND SOFTWARE PACKAGES

Course Objective: This course provides theoretical knowledge and practical skills about various inferential statistics such as probabilities, test of significance, multiple regression and also skill for using software like MS Excel and SPP for data analysis.

Course Learning Outcomes:

Upon completion of this course, students shall be able to achieve the following outcomes:

- CO1:** Interpret the concept and theory of probability
- CO2:** Analyse and apply the different probability distributions
- CO3:** Learn and Demonstrate the skills on various tests of significance
- CO4:** Learn and use of multiple regression model in economics
- CO5:** Use Excel sheets and SPSS package to analyse the data and derive the results

Unit 1: Concept and Theories of Probability

- Concept and Definitions of Probability: Classical or Mathematical and Empirical or Statistical Axiomatic Approach to Probability
- Theorems of Probability: Addition and Multiplication (without proofs).

Unit 2: Theoretical Probability Distributions

- Binomial Distribution: Constants (without proof) and Properties and Applications
- Poisson Distribution: Constants (without proof) and Properties and Applications
- Normal Distribution: Constants (without proof) and Properties and Applications
- Standard Normal Distribution, Standard Normal Curve and their Applications

Unit 3: Test of Significance - Large and Small Sample Tests

- Steps involved in Testing of Hypotheses; Testing the difference between Means and Proportions
- Large Sample or Z-Test, Small Sample Tests, Difference between them
- Applications of Student's t-test, χ^2 test, F-test
- One way and Two way ANOVA

Unit 4: Linear Multiple Regression Model

- Three Variable Linear Multiple Regression Model: Notation, Assumptions
- Estimation of Partial Regression Coefficients – Interpretation of Regression coefficients
- Testing the coefficients: t-test, p- value
- Coefficient of Determination: R^2 and adjusted R^2

Unit 5: Excel and SPSS for Data Analysis

- Excel: Worksheet, Creating Tables, Graphs and Charts
- Mathematical and Statistical Functions in Excel and Data Analysis Pack: Descriptive Statistics, Correlation and Regression
- SPSS: Introduction, Opening Excel files in SPSS, Analysis Tools: Descriptive Statistics
- Estimation of Regression Coefficients using SPSS and their interpretation.

References:

1. S. C. Gupta: Fundamentals of Statistics, Himalaya Publishing House, Bombay, 1982.
2. S. P. Gupta: *Statistical Methods*, S. Chand & Company, New Delhi, 2000.
3. K. V. S. Sharma :*Statistics Made Simple: Do it yourself on PC, (Second edn.)* Prentice Hall of India, New Delhi, 2010.
4. తెలుగు అకాడమీ ప్రచురణ “పరిమాణాత్మక పద్ధతులు”
5. B. N. Gupta: *Statistics Theory and Practice*, Sahitya Bhavan, Agra, 1992.
6. Goon A.M., M. K. Gupta and B. Dasgupta: *Fundamentals of Statistics*, Vol.1, The World Press, Ltd, Calcutta, 1975.
7. Nagar, A.L. and R. K. Das: *Basic Statistics*, Oxford University Press, New Delhi, 1996.
8. D N Elhance, Veena Elhance & B M Aggarwal *Foundation of Statistics*, Kitab Mahal, New Delhi, 2018.
9. Relevant web resources suggested by the teacher and college librarian.

Suggested Activities:

Mandatory (Training of students in the related skills by the teacher for a total 10 Hours)

1) **For Teacher:** Training of students by teacher in the classroom and in the field for a total of not less than 10 hours on skills and hands on experience like calculation and interpretation normal curve, Z-values, t-test, χ^2 test, F-test, ANOVA, regression results, t, p and R^2 values using Excel and/or SPSS. The expertise of practicing persons can be utilized for this purposes.

2) **For Student:** Students shall take up a real time data of any economic organisation or firm and calculate the important statistical tests for the data and write the results with interpretations in the given format, not exceeding 10 pages, and submit to the teacher, as Fieldwork Report

3) **Suggested Fieldwork Format** (Report shall not exceed 10 pages):

Title Page, Student Details, Acknowledgments, Index page, Objectives, Step-wise process, Findings, Conclusion & References.

4) Max Marks for Fieldwork Report: 05

5) Unit Tests/Internal Examinations.

Suggested Activities

Unit-1: Assignment on concept and theory of probability

Unit-2: Group discussion on comparison of various probability distribution theories

Unit-3: Exercises on solving various tests of significance

Unit-4: Project on application of multiple regression model to given a data set

Unit-5: Practical sessions on use of Excel and SPSS for data analysis.