

ADD-ON COURSE

Course Title:

Collection and Interpretation of Data

DEPARTMENT OF ECONOMICS, AMGURI
COLLEGE, AMGURI



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Course Title: Collection and Interpretation of Data

Nature of the Course: Add-on Course

Full Marks: 50 (Theory-30+ Practical-20)

Course Description

This course aims to introduce the students to the methods of collecting and interpretation of data. Its objective is to acquaint students the fundamentals of doing research. The syllabus is designed to equipped the students with the knowledge of sampling design, collection, analysis and interpretation of data.

Units	No. of Lecture Hours	No. of Practical Hours	Marks (Theory + Practical)
Unit I Collection of Data: Types of Data-Primary and Secondary data, Cross sectional, Time Series and Panel Data, Methods of Data Collection- Observation Method, Interview Method, Collection through questionnaire, collection of data through Schedules; Collection of secondary data; Selection of appropriate method for data collection, Sampling-Need for appropriate sampling, sampling design. (Practical Sessions)	5	5	10+10=20
Unit II Processing and Analysis of Data: Processing operations- Analysis of Data-different methods arithmetic and statistical analysis (Central Tendency, Dispersion, Skewness, Kurtosis, Correlation), regression analysis. (Practical Sessions)	8	2	10+5=15
Unit III Interpretation and Report Writing: Need for interpretation, technique of interpretation, precautions in interpretation, Report writing- different steps in writing report, layout of the research report, types of report, presentation. (Practical Sessions)	7	3	10+5=15
Total	20	10	50



Outcome of the Course:

- i) Learners will be able to engage in data collection activities at individual and group level
- ii) The employability of the learners at various data collecting agencies is expected to rise
- iii) It will be helpful for the learners in future research works

List of Referred Books:

- i) Gupta, S. P. (2017) *Statistical Methods*. New Delhi: Sultan Chand and Sons.
- ii) Kothari, C. R. (2012) *Research Methodology Methods and Techniques*. New Delhi: New Age International
- iii) Nagar, A. L. and Das, R. K. (2004). *Basic Statistics* (2nd ed.). New Delhi: Oxford University Press

Evaluation of Courses -

The evaluation of courses consists of two parts:

- (i) Theory - 30 Marks
- (ii) Practical - 20 Marks

In the term-end examination, each unit of the syllabus has one assignment. In the final result, the assignment of a course carries 20% weightage, 40% weightage is given for term-end examination and 40% weightage is given for practical cum viva. The following is the scheme of awarding divisions:

I Division	-	60% and above
II Division	-	50% to 59.9%
Pass	-	35% to 49.9%
Unsuccessful	-	Below 35%

The notional correlates of the letter grades and percentage of marks are as under:

Letter Grade	Qualitative Value	Point Grade	Equivalent % of numerical marks
A	Excellent	5	70% and above
B	Very Good	4	Above 55% and below 70%
C	Good	3	Above 45% and below 55%
D	Satisfactory	2	Above 35% and below 45%
E	Unsatisfactory	1	Less than 35%

You are required to score at least 35 % marks (Grade D) separately in continuous evaluation (assignment) and term-end examination of each course.

