

# GUIDELINES FOR PROJECT COURSE (Paper VIII)

## 1) **Objective**

The objective of the project is to help the student in developing ability to apply multi disciplinary concepts, tools and techniques to answer some query while using statistical procedures

## 2) **Type of Project**

The project should be an empirical study from any area of human experience to answer/address a societal issue, may be from the realism of environment, public health, or the like. Students should prefer to have the project work in their related field of work of their professional, placement, if any.

## **Illustrative List of Topics**

An illustrative list of topics is given below to give you an idea as to what kind of topics could be selected for project work It is however, advised that the students select their topics outside this list.

The focus of the project should be on collection of data and analysis of data, preferably by using some software. The topics may include:

- Economics of Toll Plaza
- `Fuel wastage at Red Lights on a Crossings`.
- Assessing Market Opportunity for Introducing a product
- A study of Dividend Practices in selected companies of a business Group.
- Evaluating Performance of an Enterprise.
- Survey to assess the Effectiveness of Advertisements
- Consumer Behaviour
- Consumption patterns
- Performance Evaluation
- Impact of Marketing Strategies
- Consumer Survey
- Inventory Problems
- Industrial Sickness
- Job Satisfaction and Mental Health of employees
- Traffic density on a particular batch
- Employees satisfaction
- Customer satisfaction in different organization
- Forecasting longitudinal studies
- Demand Analysis
- Demand Forecasting

## 3) **PROJECT PROPOSAL (SYNOPSIS)**

### **Proposal Formulation**

Synopsis of the project should be prepared in consultation with the supervisor and the same be sent by hand or by speed post upto **20<sup>th</sup> March 2023**. The synopsis should clearly state the objectives and research methodology of the proposed project to be undertaken. It should have full detail of the rationale, sampling, limitations if any, future directions for further research etc.

#### **4) Eligible Project Supervisor**

Any teacher of the recognized college or university (not from Statistics Department of USOL) who hold a Ph.D and has at least three empirical-studies based research papers in the reputed journals related topic with the field.

#### **5) Project Proposal Submission and Approval**

After selection of the supervisor and finalising the topic, student should send the Project Proposal Performa along with one Copy of the synopsis and Bio-data of the supervisor to The Coordinator, Department of Statistics, USOL, Panjab University, Chandigarh -160014.

#### **6) Communication of Approval**

**Proposals incomplete in any respect will straight away be rejected. Students are advised to retain a copy of the synopsis. Proposals not accompanying a complete and signed Bio-Data of supervisor will not be considered for approval.**

#### **Important**

In case the proposal is not acceptable, it shall be communicated to the concerned students within two weeks of the submission of the abstracts and in such cases the student should change the supervisor/topic/proposal, and resubmit the proposal within two weeks of that . *Else, if no communication is made, the proposal should be considered to have been approved.*

#### **7)Resubmission of Project Proposal**

In case of non-approval of the proposal the comments/suggestions for reformulating the project will be communicated to the student. In such case the revised project synopsis should be submitted with revised project proposal proforma and a copy of the rejected synopsis and project proposal proforma bearing the comments of the evaluator.

### **PROJECT. REPORT**

#### **8) Formulation**

- a. The length of the report may be about 50 to 60 double spaced typed pages not exceeding approximately 18,000 Words (excluding appendices and exhibits). However 10% variation on either side is permissible.
- b. Each project: report must adequately explain the research methodology adopted and the directions for future research.
- c. The project report should also contain the following:
  - i Copy of the Project Proposal proforma and synopsis
  - ii. Certificate of originality duly signed by the student and the supervisor

## 9) Submission of Project Report

One typed copies of the project report, Hard Copy and one soft copy (CD) is to be submitted to the CO-ORDINATOR, Department of Statistics, USOL, Panjab University, Chandigarh -160014. Soft copy be submitted at email id [coordstats22@gmail.com](mailto:coordstats22@gmail.com) Students should quote their Enrolment No. while corresponding with Department regarding Project Report.

Project Report can be submitted any time through the Second Semester, but not later than **20<sup>th</sup> April, 2023**.

## 10) Viva- Voce

A student shall asked to appear for a Viva-Voce in the month of **May/ June** and shall be duly intimated about it.

## 11)Enquiries

Enquiries regarding the approval of Project synopsis should be addressed to The COORDINATOR, Department of Statistics, USOL, Panjab University, Chandigarh -160014.

## SOME IMPORTANT NOTES WHILE PREPARING THE PROJECT PROPOSAL

- 1) Send only one copy of the Project Proposal, and retain a copy with you.
- 2) Ensure the inclusion of the following while submitting the Proposal:
  - a) Proforma for Approval of Project Proposal, duly filled and signed by both, the student and the supervisor.
  - b) Detailed Bio-data of the supervisor duly signed by him/her( **Bio-data of the guide should include his/her detailed office address with phone numbers**).
  - c) Synopsis of the Project
- 3) The Synopsis of your Project Proposal should include the following:
  - a) Rationale for the study
  - b) Objectives of the study
  - c) Research Methodology to -be used for carrying out the study (detailing nature of data, data sources, collection methods, tools and techniques of analysis, sampling etc.)
  - d) The expected contribution from the study
  - e) Limitations, if any, and the direction of future research

# **SOME IMPORTANT NOTES WHILE PREPARING THE PROJECT REPORT**

1) The Project Work should be submitted in original A-4 Size (29 x 20 cm), typed in double space, in a bound volume.

2) Before binding the Project report the students should ensure that it contains the following in original.

- a. Approved Project Proposal Proforma
- b. Approved Synopsis along with the Bio-data of the guide, and
- c. An originality certificate duly signed by the Student and Supervisor (Proforma enclosed)

If any Project Report is received in the absence of the above, the same will be returned to the students for compliance.

3) Students should keep a copy of the project Report with them as the Project Report will not be returned to the student.

## **Non-Submission in Time**

In case the Proposal or the Project Report is not submitted in time or the students is not able to clear the Project (Paper VIII)he/she shall be given another chance to complete the same during the next Academic session as per the according dates, and the course completion shall be treated accordingly.

## **Important Points for Writing Project Report**

1. Project Report Title must be appropriate.
2. Do not use abbreviations in title.
3. Project Report must contain Index Page (Sr. No. Contents Page No.)

### **Framework of Project Report**

4. Introduction should consists of
  - i) Background of the study
  - ii) Need of the study
  - iii) Statement of the Problem
  - iv) Aim and objectives of study
  - v) Definitions (if any)
  - vi) Assumptions (if any)
  - vii) Scope of study
  - viii) Key words
5. Review of Literature (Related to your topic)
6. Research Design
  - i) Data Collection (Types of Data, Procedure of collection, tools used for collection)
  - ii) Sampling Technique & Sample Size
  - iii) Validity & Reliability of Tools used
  - iv) Techniques for Analysis (Plan of Data analysis)and software used for Analysis
  - v) Data Analysis
  - vi) Results & Findings & Discussion
  - vii) Summary and Conclusions
  - viii) Delimitations of the study
  - ix) Future Implications
  - x) References
  - xi) Appendix Questionnaire (if any)

#### **Special Note:-**

1. Submit one Soft Copy and two Hard Copy of complete Project Report in the office
2. Bring one Hardcopy of Complete Project Report with you during your Viva-Voce. (compulsory)
3. Submit one Soft Copy and one Hard Copy of the summary of your Project Report (approx. 3-4 pages) including Title, Abstract, Keywords, small (introduction (1 paragraph only), objectives, Tools & Techniques (used for data collection & Analysis), Findings, Delimitations of the study, Future Implications and References) in the office during your Viva-Voce

**UNIVERSITY SCHOOL OF OPEN LEARNING  
PANJAB UNIVERSITY, CHANDIGARH**

DEPARTMENT OF STATISTICS

Proforma for Project Approval

Advance Diploma in Statistics

**STUDENT'S DETAILS**

Name \_\_\_\_\_ Enrolment No.: \_\_\_\_\_

Session: \_\_\_\_\_ Course \_\_\_\_\_

Semester \_\_\_\_\_ Email & Contact No.: \_\_\_\_\_

Topic \_\_\_\_\_

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\_\_\_\_\_  
\_\_\_\_\_

**SUPERVISOR'S DETAILS**

Name \_\_\_\_\_

Designation: \_\_\_\_\_

Official Address: \_\_\_\_\_

\_\_\_\_\_

Contact No. \_\_\_\_\_ Email \_\_\_\_\_

Student's Signature  
with Date

Date

Supervisor Signature

Co-ordinator signature

Date: