



FACULTY OF SCIENCE
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POST GRADUATE DIPLOMA IN ENVIRONMENTAL STUDIES (PGDES)

PAPER-V: PROJECT REPORT (MARKS-100)

GUIDELINES FOR PREPARING PROJECT REPORT
(2022-23 BATCH)

Project work is an integral part of the **Post Graduate Diploma in Environmental Studies (PGDES)**. It is a planned and formulated piece of study involving certain tasks related to the environmental aspects that are taken up by the learner individually, under paper-v with 100 marks score. This would supplement the classroom study since they learn by doing.

The study may involve topics related to societies well being consists of general pollution aspects or a case study or a comparative study or a new inventions related to environmental issues.

The outlines of the project work or as under

1. Identify the research topic or problem or issue.
2. Preparation of research proposal
3. Use of appropriate research methodology
4. Systematic conduction of scientific investigation.
5. Data analysis using approved methods
6. Conclusion including recommendations of the study.
7. Submission of the prepared research project to the designated department or the authority

1. Identify the research topic or problem or issue.

The student is given complete freedom in choosing a suitable problem or a research topic for investigation. He /she must identify a research topic through his observation, knowledge, wisdom and skills. Thus selected research problem must create a sense of awareness on a prevalent social, environmental problem, a social phenomenon or a concept that is worth study

and to understand through investigation. It is a different but an important phase of the entire process.

Eligibility criterion to be a guide / supervisor is as follows

- A. The proposed Project Supervisor/Guide should be:
- i) A Post Graduate in environmental sciences or any science field from a recognized University with a minimum of five (5) years research experience in his/her respective field/area of study; or
 - ii) An Academic Counsellor of the University/college, handling classes for **Post Graduate Diploma in Environmental Studies (PGDES)** at any of its study centres, with a minimum of five (5) years research experience in his or her area of study; or
 - iii) Faculty of Science of Dr.B.R. Ambedkar Open University, Hyderabad, who has been involved in course preparation/revision/ counselling with a minimum five (5) years experience

2. Preparation of Research Proposal

Objective

This program was introduced and developed keeping in view the objectives of creating awareness and concern towards the environmental problems among the youth and the necessity of imparting sufficient knowledge to the students leading to protection of nature for coming generations.

Introduction

The PG diploma in environmental studies includes project work submission at the end of the course. The project work is an integral part of the P.G.Diploma of the program and it is a planned and formulated piece of study involving certain tasks related to the environmental aspects that are taken up by the learner individually under paper-V carrying 100 marks. This would supplement the classroom study since they learn by doing.

The learner has to identify his / her area of interest under environmental study that is useful to the society. Later in consultation with the guide /supervisor topic has to be selected then prepare the project proposal following the format given under

- a. The title of the proposed project
- b. Background of study
- c. Literature review
- d. Purpose of study
- e. Objective of the study
- f. Hypothesis of the study

- g. Research methodology
- h. References /bibliography

The above aspects are briefly explained below:

- a) **The title of the proposed study project:** after the selection of the topic, in consultation with the supervisor a suitable title for the study project should be proposed.
- b) **Background of study:** Under this heading, you should write a brief introduction about the topic selected by you for establishing the context underlying the selected research topic. It contains the rationale and the key problem statement of the title.
- c) **Literature of the review:** it is an overview of the previously published works on your topic; it gives a comprehensive summary of previous research on your selected topic. literature review include articles books, and other relevant sources. The review should enumerate, describe, summarize, and objectively evaluate previous research on your topic.
- d) **Purpose Study:** Here, you need to state, way the study is being conducted and the goal the study. The goal of the study might be to identify or describe a concept or to explain or predict a situation or solution to a situation that indicates the type of study to be conducted.
- e) **Objective of the study:** You have to give the list of objectives (3 or 4 objectives only) formulated for your study, i.e. what's that you are going to study/analyze/examine, should be written under this heading.
- f) **Hypothesis of the study:** What is the problem existing in the area of the study in the Organization selected and what's that you wanted to prove after completing your study should be written.
- g) **Research methodology:** How you are collecting the data for your study (i.e. Primary Data & Secondary Data), what is your sample size, etc. should be mentioned here.
- h) **References / bibliography:** here the research carried out by the other researchers must be referred.It allows you to acknowledge and their contribution in your work. Bibliography or list of books and other source materials that you have used in the study must also be mentioned.

3. Use of Appropriate Research Methodology

An essential step involved in conducting a research study is finalizing the research methodology to be adopted in addressing the research problem. An approved methodology should be selected for a scientific way of data collection the data may be

Group under four types 1) observational 2) experimental 3) simulation 4) derived. Mostly observational method of collection of data is practiced viz: survey, experiment.

The methodology used should be detailed enough that another researcher could replicate the study described.

4. Systematic conduction of scientific investigation

Systematic conduction of investigation involves primary research and to extract, analyses and to interpret the result. Attempt to identify all studies that meet the eligibility criteria through a detail research strategy. Assess the validity of the findings of the study. Then synthesize the studies /findings in a systematic way.

- ✓ Define clearly the question with inclusion and exclusion criteria
- ✓ Rigorous and systematic search of the literature
- ✓ Critical appraisal of included studies
- ✓ Data extraction and management
- ✓ Analysis and interpretation of results
- ✓ Report preparation

5. Data Analysis using Approved Methods

Data analysis is done using appropriate and approved statistical methods. The data collected should be reproducible and should with stand validity & reliability tests

6. Conclusion including Recommendations of the study

Wrap up your ideas and leave the readers with a strong final impression. Restate the research problem addressed in the proposal. Summarize your over all arguments or findings. Suggest key take a ways from your study and also recommendation if any.

7. Submission of the prepared research project to the designated department or the authority

Project report is the written document submitted by the student on the project work carried by them

The report is a formal document; it should therefore be presented with a lot of care and thoughts. Before preparing the report student should go through the following guidelines

- The project report should be around 100 pages
- The report should be typed in double space on one side of the A4 Sized sheet and pages should be number serially.
- Leave About 1 inch margin on all the sides of the sheet
- To copies one for the department and another for the organization
- Student must keep one copy for himself /herself
- The report should either hard bound or spiral bound.

- A formal report usually contains the following elements
 - a) Cover
 - b) Title page
 - c) Acknowledgements
 - d) Table of contents
 - e) Introduction
 - f) Main text
 - g) Conclusion/ recommendations
 - h) Appendices
 - i) References
 - j) glossary

- The prepared research report must be submitted to the Coordinator at respective study centers or Head of the Department, Dr.BRAOU or Controller of Examinations Dr.BRAOU for evaluation.