



ANNAMALAI UNIVERSITY

DIRECTORATE OF DISTANCE EDUCATION

[395] P.G. DIPLOMA IN ELECTRICAL ENERGY MANAGEMENT AND ENERGY AUDIT

GUIDELINES FOR PROJECT WORK

A student has to take-up a Project Work in the month of March and completes it in two months for the partial requirement of the P.G. Diploma Course in Electrical Energy Management and Energy Audit.

The Project Report must be based on detailed and intensive study in the Industry where the candidate is working and the scope of the project should be as follows:

SCOPE OF THE PROJECT WORK

- ❖ To gain an insight into Electrical Energy Management and Energy Audit related to industrial, Commercial and domestic sectors.
- ❖ To help the Electrical Auditors Electrical Engineers and Electrical Energy Conservation Specialists to find solutions to their problems.
- ❖ To examine and evaluate the efficient utilization of Electrical Energy in the industry.
- ❖ To study various methods of Energy Conservation practiced in Industries.
- ❖ To provide exposure to the students and to develop the ability in the fields Electrical Conservation, Energy Management, Energy Auditing and the problems related to the Electrical Management in the industry.

PASSING REGULATIONS

The Project work will be valued for a maximum marks of 100, of which 75 is for the project work and 25 for the viva-voce. A candidate has to secure a minimum of 50 marks for a pass out of which he/she should secure a minimum of 30 marks in the Project Work alone. In case, a candidate fails he/she has to resubmit after required modifications.

GENERAL INSTRUCTIONS

1. The enclosed Proforma (Original & Duplicate) are to be submitted to the Directorate on or before **30th April 2022**. The original form will be returned to the student after approval.
2. For those who are employed, it is the responsibility of the student to identify the problem and select the topic in the field of Electrical Energy only
3. For those who are not employed, refer to the Annexure and choose a topic of the project similar to the topics listed.
4. **Project Work must be independently carried out by the student and the project report is prepared and submitted independently by the student. A group / combined project report will not be accepted.**
5. One typed copy of the Project Report (A4-size) on the approved title in **neatly bound form** should be submitted so as to reach **the Directorate on or before 31st May 2022**. Project Report submitted after the last date will not be considered for valuation.
6. The student should bring a copy of the Project Report at the time of the Viva-Voce examination.
7. A photo copy of the project work – proforma – approved by the co-ordinator should be attached on the first page of the project report.
8. Project Report and all the Correspondence in this regard should be sent only to

***The Director,
Directorate of Distance Education
Annamalai University
Annamalainagar – 608 002.***

(Subscribed on the top of the envelope as *PGDEEM & EA - Project work*)

**Dr. R. SINGARAVEL
DIRECTOR**

ORIGINAL



**ANNAMALAI UNIVERSITY
DIRECTORATE OF DISTANCE EDUCATION**

**[395] P.G. Diploma in Electrical Energy
Management and Energy Audit**

**PROFORMA FOR APPROVAL OF PROJECT WORK
(The Student must be Carried out the Project Work Independently)**

Enrolment Number:

1. Name and Address of the Student :

2. Whether employed : Yes/No

a) If Yes,

Name & Address of the Industry :
where employed

b) If No,

Refer to the Annexure enclosed

3. Title of the Project :
(in Block Letters)

4. Statement of the Problem :

5. Objectives of the Study :

6. Research Methodology :

Signature of the Student

Signature of the Co-ordinator

Date:

[for office use only]

May be approved/ To resubmit/ Rejected

DUPLICATE



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Signature of the Student

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Date:

[for office use only]

May be approved/ To resubmit/ Rejected



ANNEXURE

The students are suggested to choose the titles from the Project similar to the following list of titles and they should fill up the proforma and send to:

**The Director,
Directorate of Distance Education
Annamalai University
Annamalainagar - 608 002**

(Subscribed on the Top of the Envelope as PGDEEM & EA – Project Proforma)

1. Energy efficient variable speed drives.
2. Energy Saving through Efficient Electric Drives.
3. Efficient Electrical Energy Generations.
4. Utilization of Bio-mass Energy.
5. Utilization of Solar Energy.
6. Energy Saving through Co-generation Plans.
7. Energy Conservation in Domestic and Commercial Sectors.
8. Utilization of Wind Energy.
9. Energy Management in Electric Drives.
10. Electrical Energy Management Models in Industries.
11. Energy Audit of Electrical Equipments.
12. Energy Audit in Electrical industries.

The Project must deal with a case study relevant to the topic.

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