

(The description can include your research design, approach, methodology, research questions and research objectives in brief)

Sample 1

Title: Evaluation of daylight of the new workshop building at CEPT University, Ahmedabad, India by (your name)

The study aims to evaluate the daylight performance by calculating the potential lighting savings and assessing the visual comfort of the newly built workshop building at CEPT University, Ahmedabad. This study will also evaluate the impact of the various design strategies on the daylighting performance of the workshop. The methodology for this study is divided into four sections i.e. Data collection and field measurements, Model calibration, Performance analysis using the calibrated model, and Parametric Analysis. The architect and campus office are interested in knowing if shading devices are required, or if there are any glare issues while operating the workshop equipment.

Sample 2

Title: Evaluation of energy efficient building envelope & ventilation strategies for multi-storey residential buildings in India by (your name)

This objective of this study is to understand the effect of an energy-efficient building envelope and ventilation strategies in residential buildings. The key strategies studied are:

1. Strategies to reduce solar heat gains through the building envelope by proper sizing and shading of windows, insulation of roof and walls.
2. Strategies to improve ventilation, when desired, inside flats through window design and assisted ventilation.

The study will look at the the results of integrating the above strategies in sample bedrooms of 3 multi-storey residential projects located at Indore and Rajkot (composite climate), and Chennai (warm and humid climate).

Sample 3

Title: An evaluation of energy efficiency and its applicability to low income, Inner groups in West Broadway, Winnipeg, Manitoba by (your name)

The objective of this study is to obtain a clear understanding of energy efficiency in buildings, and specifically, in commercial buildings outlining what would be the most feasible renewable technique to be adopted in commercial buildings, although there is a large amount of information available about energy efficiency in commercial buildings of which some are contradictory. The aim is to construct a review of the most recent consultations on what are the current trends achieved towards making buildings more intelligent, self-sufficient and what could be done to make buildings more sustainable.