OPTIMAL CHARGING OF HYBRID ELECTRIC VEHICLE IN SMART GRID ENVIRONMENT

A Project Report Submitted

by

VENKATESH CHATURWEDI

(1101EE37)

In Partial Fulfilment

of the Requirements for the award of the degree

BACHELOR OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY PATNA.

SEPTEMBER 2014

THESIS CERTIFICATE

This is to certify that the thesis titled **OPTIMAL CHARGING OF HYBRID ELECTRIC VEHICLE IN SMART GRID ENVIRONMENT**, submitted by **Venkatesh Chaturwedi** , to the Indian Institute of Technology, Patna, for the award of the degree of **Bachelor of Technology**, is a bona fide record of the research work done by him under our supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.

Dr. S. Sivasubramani
Supervisor
Assistant Professor
Dept. of Electrical Engineering
IIT-Patna, 800 013

Place: Patna

Date: 17th September 2014

ACKNOWLEDGEMENTS

Thanks to all those who made TEX and LATEX what it is today.

ABSTRACT

KEYWORDS: LaTeX; Thesis; Style files; Format.

A LaTeX class along with a simple template thesis are provided here. These can be used to easily write a thesis suitable for submission at IIT-Patna. The class provides options to format PhD, MS, M.Tech. and B.Tech. thesis. It also allows one to write a synopsis using the same class file. Also provided is a BIBTeX style file that formats all bibliography entries as per the IITP format.

The formatting is as (as far as the author is aware) per the current institute guidelines.

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

ABBREVIATIONS

IITP	Indian Institute of Technology, Patna
RTFM	Read the Fine Manual

NOTATION

r	Radius, m
α	Angle of thesis in degrees
β	Flight path in degrees

CHAPTER 1

INTRODUCTION

Ever since machine learning has been introduced into the field of computer science, it has been used in various fields. One of the most important application of machine learning is in the field of artificial neural networks. Artificial neural networks are used in various fields such as pattern recognition, image processing, speech recognition, etc.

1.1 Artifical Neural Networks

REFERENCES