Data Analysis for Predicting Instabilities in Power Systems
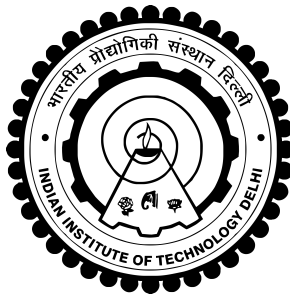
Thesis submitted by

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under the guidance of

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in partial fulfilment of the requirements
for the award of the degree of

Masters of Science in Electrical Engineering

Department Of Electrical Engineering
INDIAN INSTITUTE OF TECHNOLOGY DELHI

July 2022

THESIS CERTIFICATE

This is to certify that the thesis titled **Data Analysis for Predicting Instabilities in Power Systems**, submitted by **Aryan Ritwajeet Jha**, to the **Indian Institute of Technology Delhi** for the award of the degree of **Masters of Science in Electrical Engineering**, 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.

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Date: July 2022

ACKNOWLEDGEMENTS

ABSTRACT

KEYWORDS:

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ABBREVIATIONS

IITD   Indian Institute of Technology, Delhi
RTFM   Read the Fine Manual

Chapter 1

INTRODUCTION

1.1 Example Figures and tables

Fig. 1.1 shows a simple figure for illustration along with a long caption. The formatting of the caption text is automatically single spaced and indented. Table 1.1 shows a sample table with the caption placed correctly. The caption for this should always be placed before the table as shown in the example.
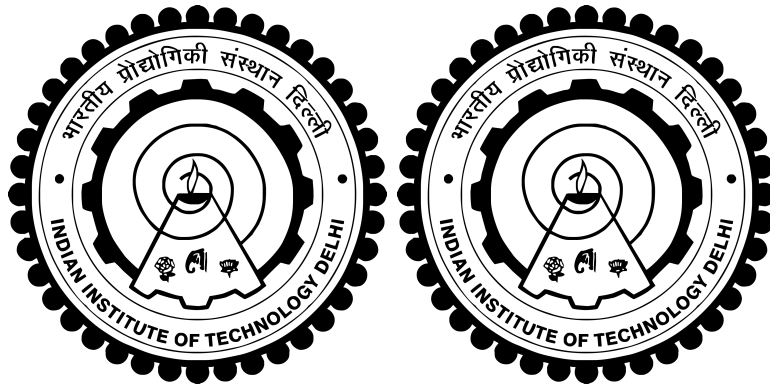

Figure 1.1: Two IITD logos in a row. This is also an illustration of a very long figure caption that wraps around two two lines. Notice that the caption is single-spaced.

Table 1.1: A sample table with a table caption placed appropriately. This caption is also very long and is single-spaced. Also notice how the text is aligned.

x	x^2
1	1
2	4
3	9
4	16
5	25
6	36
7	49
8	64