



DEPARTMENT OF AEROSPACE
ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY
MADRAS
CHENNAI - 600036

**A New and Improved L^AT_EX Class for
Synopsis Submitted to IIT Madras**

A Thesis

To be submitted by

NAME

For the award of the degree

Of

DOCTOR OF PHILOSOPHY

The style of preparation (fonts, Chapter No., margins, section and subsection no., equation no., figures, tables, etc.) must be as in case of the thesis. Ph.D. synopsis should be 4-6 pages long and M.S. synopsis should be 2-3 pages long, excluding the cover page. Single-line spacing and 12-pt font size should be used in the synopsis. References should be given in 10-pt font size. Here are some examples for citing references: Lamport (1986) and Ahren *et al.* (2005) along with Roenby *et al.* (2016). Check the official guidelines for more details.

1 Abstract

Brief outline of the reported research work

2 Objectives

State clear objectives of the research work

3 Existing Gaps Which Were Bridged

Trace to the point, the research gaps that were bridged in the work

4 Most Important Contributions

Briefly emphasize the importance of the research work. Do not necessarily try to elaborate in a detailed manner.

5 Conclusions

Highlight major (and not all) conclusions.

6 List of Publications

List of DOIs of any published or presented work

References

1. **Ahren, J., B. Gevci, and C. Law** (2005). ParaView: An End-User Tool for Large-Data Visualization. In *Visualization Handbook*, 717–731. Elsevier. ISBN 978-0123875822. doi:10.1016/B978-012387582-2/50038-1.
2. **Lamport, L.** (1986). *L^AT_EX: A document preparation system*. Addison-Wesley.
3. **Roenby, J., H. Bredmose, and H. Jasak** (2016). A computational method for sharp interface advection. *Royal Society Open Science*, **3**(11), 160405. ISSN 2054-5703, doi:10.1098/rsos.160405, arXiv:1601.05392v2.