



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

**A New and Improved L<sup>A</sup>T<sub>E</sub>X Class for  
Dissertations 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<sup>A</sup>T<sub>E</sub>X: 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.