



Name of the university
Name of the Research team
Graduation Programme in Engineering



L^AT_EX is based on the philosophy that authors should be able to focus on the content of what they are writing without being distracted by its visual presentation. In preparing a L^AT_EX document, the author specifies the logical structure using familiar concepts such as chapter, section, table, figure, etc., and lets the L^AT_EX system worry about the presentation of these structures. It therefore encourages the separation of layout from content while still allowing manual typesetting adjustments where needed. This is similar to the mechanism by which many word processors allow styles to be defined globally for an entire document or the use of Cascading Style Sheets to style HTML.

L^AT_EX can be arbitrarily extended by using the underlying macro language to develop custom formats. Such macros are often collected into packages, which are available to address special formatting issues such as complicated mathematical content or graphics. Indeed, in the example below, the align environment is provided by the amsmath package.