

# Ergonomic Fundamentals

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A series of related projects were assigned to students in a learning process and exposure involving ergonomics and human emotions. The project titled 'Ergonomotion' requires students to express their senses and feelings by producing 2-and 3-dimensional objects. Through this project, the students were involved in understanding the human emotion and attempted to relate this human feeling through the process of producing design artefacts which optimised the design fundamentals. The outcomes of this project allowed students to gain experience and knowledge about design principles; the relation between the influence of human emotion and the design process; and the integration of ergonomics, creative thinking and styling process.

This project required students to use nature as their source of reference. The elements of nature such as colours, shapes, forms, textures or even functions were the students' main emphasis. Based on their analyses, students would select a specific product to be developed using a proper design process. It included form ideation, form evolution, idea generation, idea development and the final idea selection. During this process, students were free of any constraint and limitation.