HIGHER TECHNICAL INSTITUTE

MECHANICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

STRENGTH DESIGN AND VISUALIZATION OF A MACHINE MEMBER

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POLIS KADIS

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STRENGTH DESIGN AND VISUALIZATION OF A MACHINE MEMBER

by

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SUMMARY

The purpose of this project is to show how useful and helpful CAD and MATH software programs are to a mechanical engineer.

A presentation of existing CAD and MATH software programs is described.

A gearbox was created by using MathCAD program for design and Mechanical Desktop program for visualization.

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