

RE-ENGINEERING THE GEAR DESIGN FOR DRILLING MACHINE.

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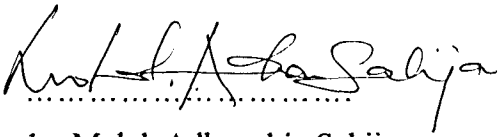
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ABSTRACT

Gears because of their unique contribution to the operation of so many machine and mechanical device, have received special attention from the design community. Because of this reason the application of Computer Aided Design is needed to obtain all the necessary result with respect to the design of gears. Also can check whether material use is safe or not.

The already drilling machine at CADEM center is used as a case study. The machine gears has been damaged. Budgets to get new devices are quite big. In surrounding of economic slow down, its difficult set the budget. Alternative solution is to make suggestion to re-engineering the drilling machine especially to it gear.

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