

# DESIGN AND BUILD A CRANK SHAFT WITH CONNECTING ROD LABORATORY EQUIPMENT

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## ABSTRACT

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As the project title is to build a crankshaft with connecting rod laboratory equipment, the final outcome would be laboratory equipment that mimics the operation of the piston cylinder.

The key of the project is to design and build a laboratory equipment than can be more efficiency and much more easy to understand compared to previous design. A step-by-step process on the construction of the equipment is presented in the later part of the report.

In the latter part of this report, every details of the product will be explained accordingly such as the design, process of construction, research.