

# THE STUDY ON THE PROTOTYPE OF GO-KART ENGINE

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## ABSTRACT

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The objectives of my project 'The Study on the Prototype of Go-Kart Engine' are as follows:-

1. Energy conversion in the internal combustion engine
2. Engine is a device which converts heat energy into mechanical energy to do work
3. The operation of 2-stroke and 4-stroke cycle engine and the different between 2-stroke and 4-stroke cycle engine operation
4. The calculation of engine bore, stroke, displacement and compression ratios. The energy, work and power of an engine
5. In the 2-stroke engine, the complete cycle of events: - **intake, compression, power and exhaust** – take place during 2 piston strokes