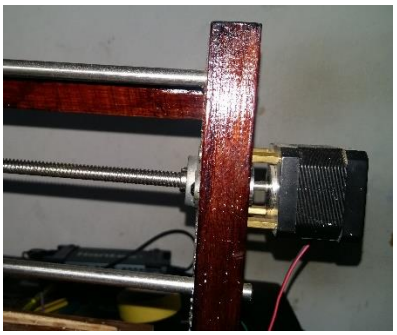
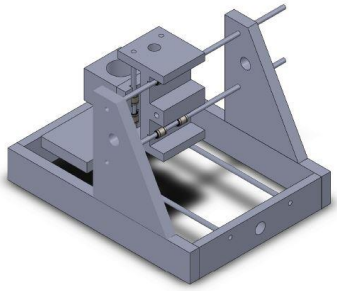
# Product Design: CNC machine for PCB making and Wood engraving

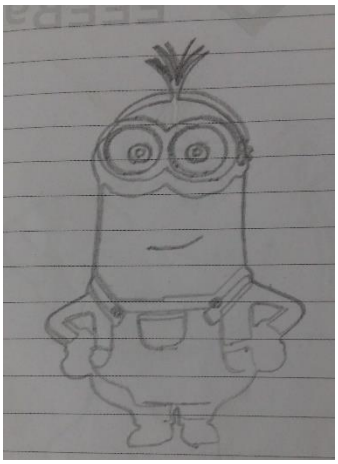
Department of Electrical and Electronic Engineering
University of Peradeniya

**Short introduction about the work**

This project consisted of developing a wood and PCB engraving CNC machine that is cost effective and possess a motor control circuit designed to control the spindle motor speed used for this CNC machine.





**Key results**

1) CNC Machine capable of PCB engraving, Wood engraving and Perspex Engraving
2) Motor Controller Circuit to control inrush currents of the spindle motor

**Beneficiaries of the research (optional)**

Potential Entrepreneurs to sell this product and service providers that can provide engraving services to the customers

**Research team**

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