

Engineering Design is the process in which scientific principles and the tools of engineering are used to produce a plan which can be fabricated, installed, commissioned and operated to satisfy a need. Where; Mechanical Engineering Design is the above process as applied to components and systems of a mechanical nature

Eng. Prof. A. N. Gitau Examining the end product of Hydro- Powered Venn Pump

The EBE 4<sup>th</sup> year students had their Design presentation on Tuesday 12<sup>th</sup> May, 2015. The design titles included:

- Group 1: Small Scale Self Regulating Brooder
- Group 2: Hydro- Powered Venn Pump
- Group 3: Combined Bean Sheller and Separator
- Group 4: Manual Concrete Mixer
- Group 5: Cylindrical Rotary Soil Sieve
- Group 6: Evaporative Charcoal Cooler

The evaluation of the mechanical design was based on; Innovation. Originality, Functionality, and Adherence to the set objectives.