

MINUTES OF THE ENGINEERING PROJECT GROUP H MEETING HELD ON 29TH APRIL IN THE WHATSAPP GROUP

Members Present

1. Kibor Kiprop J174/4640/2016 Chairman
2. Kevin Asaria J176/4647/2016 Secretary
3. Modester Vihambwa J174/4630/2016
4. Kibet Emmanuel J174/4634/2016
5. Wachira Kelvin J174s/16710/2014
6. Jude Nyoike J174s/17920/2015

Agenda

1. Preliminaries
2. Member Projects discussion
3. A.O.B

Min. 1/20 Preliminaries

The meeting was brought to order by the chairman at 3pm.

Min. 2/20 Members Projects Discussion

Kibet Emmanuel began the session by informing us that he had come up with two projects. His first project was a sun tracking solar panel that would increase power generation by 30% while the second was a device to count the number of coils used while performing motor rewinding which will ensure the process is more accurate.

Modesta then presented her project by title 'temperature control by relay system' that she assured us would a control system that maintains liquids at specified temperature with a tolerance of 2 degrees celcius.

Kibor followed with a few project ideas, namely a project to relay a warning if a meter is being tampered with, a dual axis solar tracker system , a micro inverter and a low power relay driver. He agreed that he would show Kibet Emmanuel what his plans were on the dual axis solar tracker since they had the same idea.

Kevin asaria then shared two project ideas , the first being an automation system of the transfer switch that would enable the dynamic control of what lines to be on when the back up generator kicked in. The second idea was an energy monitoring system that would allow the tracking of the battery level during charging and discharging.

Jude Nyoike added that he will be working on a system to protect equipment in case of over voltage or under voltage

Kelvin Wachira concluded by giving us a brief on his wireless system that would relay messages incase energy meters are being tampered with.

A.O.B

The members agreed to share materials that they found useful during their research and support each other through the journey.

Min 3/20 : Adjournment

The members agreed to have their abstracts written up by Friday so as to ensure they will be forwarded on time.

Minutes by :

Kevin Asaria Nyakundi