**A MEETING OF M-HEP PROJECT TEAM WHICH WAS HELD ON 16TH FEBRUARY 2021 AT E11 LABORATORIES, FACULTY OF ENGINEERING AND TECHNOLOGY, EGERTON UNIVERSITY, NJORO.**

ATTENDEES

Kobia Mucheke

Patrick Kimathi

Germano Mugambi

Dominic Kata

Esther Njeri Wang’ondu

Owidi Kevin Omondi

Elsiey Wandera

Henry Mulyungi

Ebby Jebet

Gilbert Lang’at

David Muruka Ombati

Edison Samuel

Steve Ogutu

Otieno Harry Ooro

Faith Esther Mukami

Daisy Nduta

Stacy Nagujja Jara

Mumina Hasso Wayo

Mercy Chepng’etich

Emmanuel Kiplimo

Keith Clinton

Samuel Njoroge Kiragu

Ephantus Ngugi

Yego Stanley

Fred Mbau

Kerubo Eunice Nyagaka

Evalyne Chelimo

Chichir Sylvia Chemwetich

Brenda Moraa

Samuel Njoroge M

Wasia Antone Owino

Tonn Wamalwa

Midi Enock

Kennedy Okemwa

Nyamasyo Matuu

Kelvin Maina Muthoni

Brian Mwangi M

Emmanuel Mmbasse

Silas Kinyua

Mercy Chebet

Gichia Alex

Rotich Pius

Dominic Anthony’s

Josiah Omwenga

Josiline Kaimenyi

Naomi Pauline

Navy Rajula

Samuel Mbugua

Serah Dama

Benson Waititu

Kelvin Gichuki

Julius Kimani Mwangi

AGENDA

1. Member registration
2. Introducing the project
3. Group objectives, activities
4. Opening remarks
5. Project implementation and management
6. Discussion on ongoing activities
7. Way forward
8. PLC programming
9. Closing remarks

MIN 01/01/2021: INTRODUCING THE PROJECT TO MEMBERS

As the members registered on the attendance list, Esther Njeri began the meeting at 5pm by welcoming members to the meeting and briefly described what the M-HEP project was all about. There was no reading of previous meetings for this was the first meeting since the team was founded. Team leaders, those present, were introduced to the team and the various roles were read out to the members. She emphasized on the role of team electrical, the project yet to be implemented; LED street lighting, working with KPLC and funding needed.

MIN 02/01/2021: GROUP OBJECTIVES AND ACTIVITIES

Dominic Kata attained the parties interested in the mHEP project, namely Maastricht, GDC, KENGEN and SCODE. He highlighted the objectives for the project, being:

1. To promote cohesion, interdisciplinary and multidisciplinary.
2. To train on emerging skills.
3. To offer cheap, reliable and affordable electricity to the school and its immediate neighbours.

He pointed out what was discussed during the meeting with Maastricht crew concerning the Industry Academia Platform where students can solve challenges directly affecting industries and earn benefits such as internship, employment, attachment, cheaper services, products or solutions.

MIN 03/01/2021: OPENING REMARKS

Mr. Kobia welcomed attendees to the meeting. He spoke on issuing of certificates, attachment, internship, employment opportunities that are likely to be offered by partnered companies. He emphasized on the project, urged members to be active and interactive with the facilitators. He spoke on time management and sense of urgency. He pointed out the equipment available at the time, 1- cross flow turbine, 1- generator, 1- penstock(shaft).

He reminded members that the river was shallow, but no dam is necessary.

MIN 04/01/2021: PROJECT IMPLEMENTATION AND MANAGEMENT

Mr. Kobia spoke of how the group’s objectives were meant to maintain our scope; time is a key factor. He reminded members of the amount of power that needs to be produced; 100W, 50 Hz and would be distributed to a section of the university and its neighbors. He insisted that no one has a monopoly of ideas, team discipline and team work is key. He pointed out that WARMA, NEMA, KEMRI had to be consulted, before and after project implementation to ensure that acceptance standards were okay. He finalized by acknowledging the turn up and was enthusiastic to meet and interact with the members.

Mr. Germano spoke on IAESTE, an international internship program, which involves 87+ countries including institutions in Kenya such as Murang’a, DEKUT, JKUAT and Egerton Universities and urged a committee be formed and activated. He advised students to research and study, be knowledgeable of the aspects of the project for quick, effective and successful outcome.

MIN 05/01/2021: DISCUSSION ON ONGOING ACTIVITIES

Dominic Kata highlighted the progress of the team’s website epizy\*\*\*\* and ongoing partnership with KENGEN.

MIN 06/01/2021: WAY FORWARD

Henry Mulyungi urged limitless commitment for the members to actualize the project. He suggested the logistics be identified and catered for. He spoke of liasing with the security and the area chief to ensure smooth flow of the project since the university’s administration is not to be involved. He suggested that the teams be re-identified and leaders be chosen or re-introduced to the members. He finally asked for another site reconnaissance to remind members of where implementation is to take place.

MIN 07/01/2021: PLC programming

Mr. Kimathi commended members for their effort and showing up for the physical meeting. He elaborated on the offer of partnership with Centurion to offer the entire course of PLC including certificate issuance at a lower rate (Ksh 10000). He emphasized on indepth and extensive study before completion of course of study.

MIN 08/01/2021: ADJOURNMENT (CLOSING REMARKS)

The meeting was concluded by Elsiey Wandera with a vote of thanks and encouraged members to be active for the project to be actualized. Members left at their own pleasure at 6.45pm.

The next date of meeting would be communicated via WhatsApp.

Chairman:

Secretary:

Date: