



# INSTITUTE *for* INDUSTRIAL TECHNOLOGY

A Project of African Development Foundation

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*The 6 months Mechatronics programme in IIT is aimed at equipping participants with essential knowledge and hands-on, up-to-date engineering skills required by employers in the Breweries, Food and Beverages, Petrochemicals, Oil and Gas, Engineering services and Manufacturing sectors,*

*IIT is widely recognized for providing well trained workers for industry. A strong emphasis will be placed on work ethics throughout the course.*

## **Modules covered in the program includes:**

- Work Ethics
- Engineering Drawing
- Computer Aided Communication
- Computer Aided Drafting
- Mechanical Measurement and Fitting
- Mechanical Drives maintenance
- Basic Electricity
- Industrial Electronics
- Industrial Motor Controls & maintenance
- Variable Speed Drives AC Drives (inverters)
- Sensor Technology
- Pneumatics Systems
- Electropneumatic Controls
- Industrial Hydraulics
- Programmable Logic Controls (PLC)
- Advanced Programmable Logic Controls (Advanced PLC)
- Process Control & Instrumentation
- Industrial Communication (Field Bus) Systems
- Process Visualization and Control



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