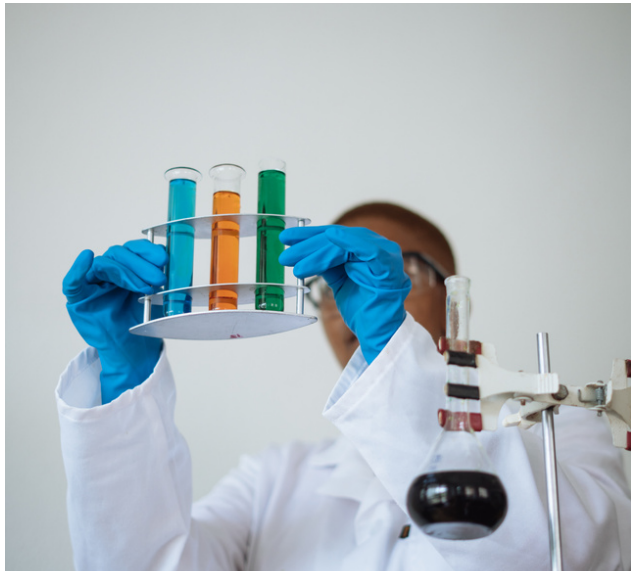


FUNULWAZI DEVELOPMENT ACADEMY



FDA FUNULWAZI
DEVELOPMENT
ACADEMY
THE INSTITUTE OF SCIENCE, INNOVATION AND TECHNOLOGY



ABOUT US



FUNULWAZI DEVELOPMENT ACADEMY (FDA) is a company that focuses on Science, Technology, Engineering, Mathematics (STEM) programs, and Innovation. FDA is committed to providing the youth with the best skills so they can succeed in their chosen field of study. It comprises a team of passionate and dedicated professionals who believe in the power of education to change the lives of young people. Funulwazi Development Academy is accredited by QTCO to offer an occupational qualification for Chemical Laboratory Analyst at NQF Level 4.

MISSION



- To provide innovative laboratory testing solutions that exceed our customer's expectation.
- To provide analytical laboratory services to industries regarding method validation and calibration of laboratory instruments.
- To enhance the teaching of sciences and mathematics by providing support and laboratory training opportunities to educators.
- To offer laboratory analysts qualification at NQF level 4 to science educators and industrial laboratory personnel in chemical industries.
- Provide learners from grades 10 to 12, living in rural areas or disadvantage areas with maths, science and laboratory tutorials to enhance pass rate.
- Supply superior quality affordable cleaning products for domestic and industrial use.

VALUES

- Integrity
- Transparency
- Honesty
- Boldness
- Accountability
- Innovative
- Quality
- Simplicity

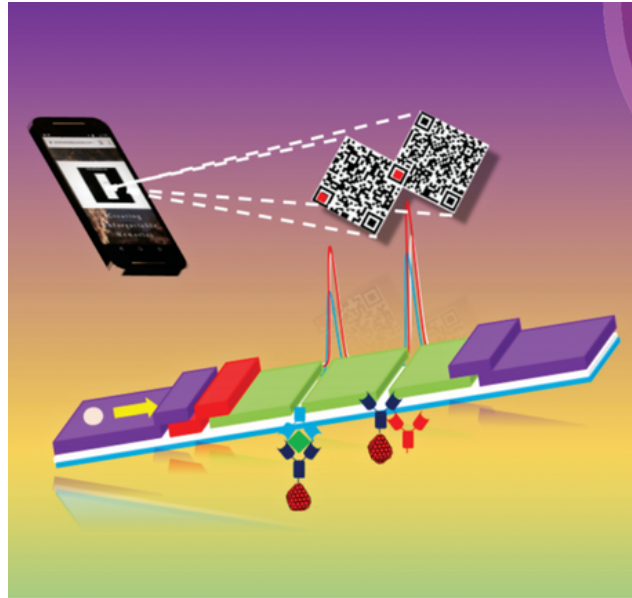


SERVICES

ACADEMIA

Our team, which comprises experienced scientists, has the technical knowledge and experience combined with practical know-how to provide tailor-made courses to educational and industrial clients. The following courses are offered or will be offered:

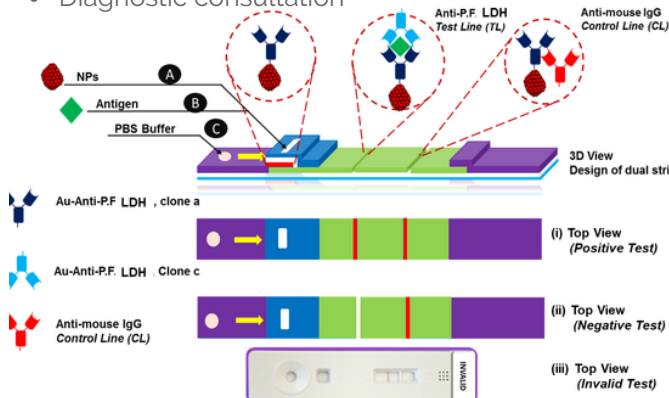
- Lateral Flow Diagnostics Training.
- Chemical Laboratory Analyst Occupational qualification.
- Chemical Plant Operation Course.
- Chemical Manufacturing Course.
- Mining Course
- Water and Waste-Water Treatment Course.
- Laboratory Organization and Practice Course
- Chemistry Laboratory Course for high school educators



LAB - SERVICES

Our consulting division provides strategic analytical and applied chemistry advice primarily to industrial clients. The management solutions developed are tailored to each client's requirements. It covers the following range of consulting services on an Ad-Hoc basis:

- Laboratory method developments and transfer.
- Laboratory validation and verification
- Skills development of laboratory personnel.
- Professional support regarding laboratory accreditation.
- Research and innovation initiatives.
- Diagnostic consultation



OTHER SERVICES

- Manufacturing
- Work integrated learning
- community engagement



EXPERIENCE

FUNDA was invited to deliver a lateral flow course during Bio Africa Virtual Convention 2020. The course outline was:

Part 1 : Development of monoclonal antibodies which mainly focussed on the introduction to monoclonal antibodies using hybridoma technology.

Part 2: Lateral Flow Assay Development, which focussed mainly on the following:

- Introduction to lateral flow immunoassay technology
- Preparation of colloidal gold
- Labels, conjugates and flow Assay
- Reagent consideration
- Diagnostic Assay development
- Trouble shooting
- Accelerated stability test



CONTACT US



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