



KISWATE Digital Academy

Motto : Many Schools One Digital Academy



KISWATE Digital Attendance & Discipline Tracking Register

A transformative digital platform converting Kenya's classrooms into data-driven, connected SMART ID empowered digital learning environments. KISWATE Digital Attendance & Discipline Tracking Register intends to convert 10 million students to digital learners, 300 000 TSC registered teachers into digital educators and atleast 10 000 schools into digital schools within a period of 6 years with effect from January 2026 before rolling it out to atleast 50 countries in the continent of Africa.

Executive Summary

Blue Nile Analytica, a tech-based company registered in Kenya and the USA, is a sister company to KISWATE. Together with KISWATE Digital Academy, it is developing digital solutions to counter challenges in the Competency-Based Education (CBE) system in Kenya. One such solution is the KISWATE Digital Attendance & Discipline Tracking Register (KDADTR).

Blue Nile Analytica focuses on training and consultancy services in Data Science, Cloud Computing, and Cybersecurity. As Africa prepares to join the rest of the world in the Data Revolution era, professionals in these fields will shape Africa's economy for the next 50 years.

KDADTR, also called "KISWATE Digital Register" or pronounced "DAD TR," records student attendance and discipline on a per-lesson basis. It empowers teachers as class monitors and provides real-time visibility to administration, parents, and school departments. Within 6 years, the project aims to convert teachers into Digital Educators, students into Digital Learners, and schools into Digital Schools.

If adopted across 50+ African countries, KDADTR will drive Africa into the Data Revolution era in Education — giving policy makers accurate, verified data for faster, data-driven decisions.

IMPLEMENTATION STRATEGY

Phased Rollout 2025 – 2031

The KISWATE project is structured in phases to ensure sustainable adoption and quality implementation across Kenyan schools.

Phase 0 July – December 2025 Initial groundwork, partnerships & pilot selection	Phase 1a Jan 2026 – Dec 2028 Early adopters; digital register deployment	Phase 1b Jan 2027 – Dec 2029 Scale to additional schools
Phase 1c Jan 2028 – Dec 2030 Nationwide consolidation	Phase 2a Jan 2027 – Dec 2029 Second wave expansion	Phase 2b Jan 2028 – Dec 2030 Cross-county scale
Phase 2c Jan 2029 – Dec 2031 Pan-African commercialisation	Project End December 2031 All equipment donated to adopted schools	Post-Project 2032+ Commercial rollout across Africa

KISWATE Project ends in December 2031, donates all equipment to adopted schools, and commercialises the idea across Africa.

Schools Approved to Participate

As at **March 30, 2026**, the following 14 schools have been approved to participate in the KISWATE Digital Register Pilot Project:

1. Nile Road Special Secondary School	8. Jehovah Jire Secondary School – Nairobi
2. Kagonya Secondary School	9. St. Mary's Burumba Mixed Secondary School
3. Hawinga Girls Secondary School	10. Kakelo Mixed Secondary School – Oyugis
4. Uyundo Secondary School	11. Andin'go Opanga Secondary School
5. Nduru Mixed Secondary School	12. Lwero Elementary & Junior Secondary School
6. St. Pauls Ndenga Secondary School	13. Ukwala Boys Elementary & Junior Secondary School
7. Ngoleni Secondary School	14. Ober Boys' High School

Pilot Phases

The pilot Project is being implemented in 2 phases as detailed below :-

Phase 1, Term 2, 2026 (May – August 2026)

Submission deadline: **April 15, 2026**

Phase 2, Term 3, 2026 (September – December 2026)

Submission deadline: **July 15, 2026**

How to Join the Pilot Project

Schools must submit the following documents via email to kiswatekenya@gmail.com:

<p>01 School Registration Certificate Ministry of Education of Kenya registration certificate</p>	<p>02 School KRA PIN Number Tax identification number from Kenya Revenue Authority</p>
<p>03 BOM Authorization Letter Letter from School Board of Management authorizing KISWATE to digitize their school</p>	<p>04 Signed NDA Non-Disclosure Agreement form signed by the school principal</p>
<p>05 Parental Consent Forms Signed forms from parents authorizing KISWATE to process and handle student data</p>	<p>06 School Data Forms Students, teachers and parents data as per the collection forms on the KISWATE Digital Attendance Register website: www.kiswateregister.org</p>

All forms in Excel editable format **MUST** be sent via email to kiswatekenya@gmail.com. Once all forms are received, KISWATE will write to the school informing them when their digital register will be ready for use.

What Schools Need to Implement KISWATE Digital Register

<p>01 WiFi Internet Install unlimited, reliable WiFi internet in all classrooms and learning areas throughout the school.</p>
<p>02 Power Supply Be connected to a reliable source of power (national grid electricity) with backup systems such as solar panels or a generator.</p>
<p>03 Teacher Training Send at least 3 teachers for 3 months' free training via Zoom. Trainings run year-round on Saturdays and Sundays, 5:30 PM – 7:30 PM (Jan–Apr, May–Aug, Sep–Dec).</p>
<p>04 Digital Devices All teachers must own a smartphone or any digital device that can connect to the school's WiFi internet for real-time register updates.</p>

How Schools Benefit from the Digital Register

Pius Odhiambo, the patent holder of the KISWATE Digital Attendance & Discipline Tracking Register (KDADTR), is a TSC-registered Mathematics and Physics teacher with 14 years of teaching experience in both Kenya and the United States. He is also a Washington D.C.-based Data Science consultant with over 10 years of experience.

Part of his professional role involves studying the historical data of loss-making companies to develop data-driven initiatives and strategies that restore profitability. Recognizing that schools in Kenya are currently struggling with basic operational expenses, he noted that the government's inability to hire adequate staff has led to acute teacher shortages nationwide. Consequently, schools often hire Board of Management (BOM) teachers they cannot afford to pay, and many school suppliers are not paid on time.

To address these systemic challenges—including teacher shortages, missed lessons due to unplanned absenteeism, high textbook costs, and poor fee collection—Mr. Odhiambo advocates for the digitization of schools through the adoption of the KISWATE Digital Register.

KISWATE Digital Register addresses Kenya's most pressing education challenges through intelligent, data-driven technology. Here are the key benefits:

01

Streamlined Communication

School data is instantly available online for decision-making. Efficient communication between schools and parents is established from day one.

02

Eliminate Wastage

The head cook accesses real-time attendance to prepare meals only for students physically present — directly reducing kitchen wastage and costs.

03

Solve Teacher Shortages

Two or more schools form Teaching Digital Clubs using the KISWATE app to share teachers remotely, reducing dependence on costly BOM-hired teachers.

04

Remote Class Mode

When a teacher is absent, the principal can switch a class to remote mode and engage a teacher from another school — minimising lost learning hours.

05

Improved Student Discipline

The register tracks student discipline and shares information with parents in real-time via SMS alerts, enabling remote parental involvement.

06

Data for Policy Makers

Ministries of Education and TSC access accurate, verified, real-time data for faster, evidence-based decisions at county and national level.

HOW PARTICIPATING SCHOOLS BENEFIT FROM THE PILOT

Participating in the pilot project empowers schools to access funding from KISWATE's potential partners — including the Ministry of Education, Teachers Service Commission, KICD, banks, telecommunication companies, lawmakers, and well-wishers. Within 6 years from admission, KISWATE will work with the Board of Management to convert **all teachers into Digital Educators, all students into Digital Learners, and the school into a Digital School.**

FULL PRICING & SUBSCRIPTION FEES

Kiswate Digital Register - Open source / Free				
Commitment Fee: Kshs. 500 per class per year.				
Smart ID Kshs. 1200 per student (one time fee for SMART ID). Funding available to each student if a school purchases this package which is accompanied by a tablet or a laptop payable within 3 years (Issued on 1st day of admission and paid by end of 12th grade.The package includes replacement fee if the device breaks down and insurance incase of theft)				
Remote ID (smart ID that is not printed) Kshs. 600 per student . For Digital & Remote Schools. Does not qualify for funding and parent has to buy the digital devices cash				
Other Services				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 1. Digital Attendance and discipline tracking <ul style="list-style-type: none"> • SMART Meal Card • SMART Roll Call • SMART Bus Trip 2. Digital Dynamic Timetabling 3. Digital Examination Analysis 4. Digital/remote/smart teaching/learning </td> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 5. Data-Driven School Leaving Certificate 6. Online Remedial Teaching/ Learning 7. Dynamic Digital Financial Management 8. Online Teacher Recruitment 9. Digital Dynamic Lesson Plan, Worksheet answer key Generator </td> </tr> </table>			<ol style="list-style-type: none"> 1. Digital Attendance and discipline tracking <ul style="list-style-type: none"> • SMART Meal Card • SMART Roll Call • SMART Bus Trip 2. Digital Dynamic Timetabling 3. Digital Examination Analysis 4. Digital/remote/smart teaching/learning 	<ol style="list-style-type: none"> 5. Data-Driven School Leaving Certificate 6. Online Remedial Teaching/ Learning 7. Dynamic Digital Financial Management 8. Online Teacher Recruitment 9. Digital Dynamic Lesson Plan, Worksheet answer key Generator
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No. Of Students	Installation & First-Year Subscription (Ksh)	Subscription per Year (Subsequent Years) (Ksh)		
Below 150	12,751	10,105		
151 – 300	20,506	15,300		
301 – 500	50,703	20,501		
501 – 800	90,204	35,100		
801 – 1,200	120,105	44,204		
1,201 – 1,500	160,301	50,309		
1,501 – 2,000	200,103	55,010		
2,001 – 3,000	220,008	65,200		
Over 3,000	230,000	70,500		
Bulk SMS Pricing				
Number of SMS	Cost (Ksh)			
6,000	5,000			
12,000	11,000			
23,000	18,000			
41,000	33,000			
62,000	48,000			
92,000	73,000			
145,000	98,000			

Payment Account Details

Account Name : Blue Nile Analytica (BNA)
 Account Account: 0540 284 182 315
 Paybill NO: 247247
 Account Number:182315

Bank Name : KISWATE CO. LTD
 Bank Account No: 0540 280 846 686

The Leadership

Kiswate Digital Academy / Blue Nile Analytica



Pius Odhiambo

Innovator, Kiswate Digital Register App

The team behind KISWATE Digital Attendance & Discipline Tracking register, KISWATE Dynamic Digital Textbooks, KISWATE Dynamic Digital Library, KISWATE National Transmission Center, Lesson Plan Generator for Digital Educators, KISWATE Smart citizen of tomorrow program for digital learners, Dynamic Digital timetable & Smart ID technology, Digital/remote/smart teaching/learning, Online Teacher Recruitment, Innovation



Fred Wambia

Director



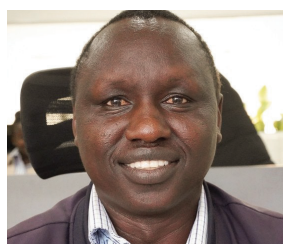
Rosebellah Omondi

Director



Geoffrey Odallo

Director



Reuben Chemitei

Director



Josephine Sirega

Director, Administration and Communications

The team behind the Digital Register Innovation



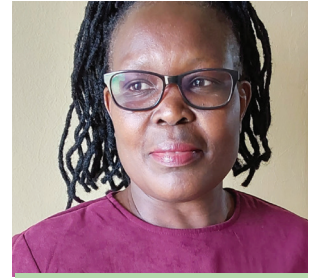
John Yuya
KISWATE CEO



Michael Ahendera
Global Principal



Henry Kurauka
Lead Legal Consultant



Beatrice Ikobe
Deputy Global
Principal



Collins Sagege
Director, National
Transmission Centre



Mitchell Ouma
News Anchor



Sharon Koryo
Tier 1 Sales Representative



James Oduor
Digitization Engineer



Michael Mutuma
Tier 1 Sales Representative



Selestine Jenda
Registrar



Mary Odhiambo
Systems Administrator



Ernest Obwar
Field Officer



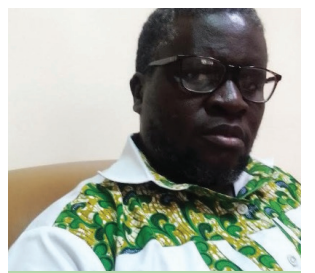
Amos Otieno
Wifi Internet Consultant



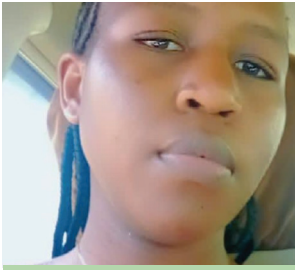
Dr. Dan Onunga
Director of Trips



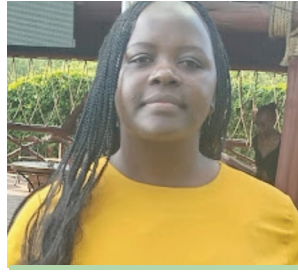
Walter Juma
Field Technician



Richard Bonyo
Director, Project Management



Mildred Moraa
Tier 1 Sales Representative



Monica Nyarigi
Registrar



Raphael Nyauo
Registrar



Lovelyne Atyanga
Tier 1 Sales Representative



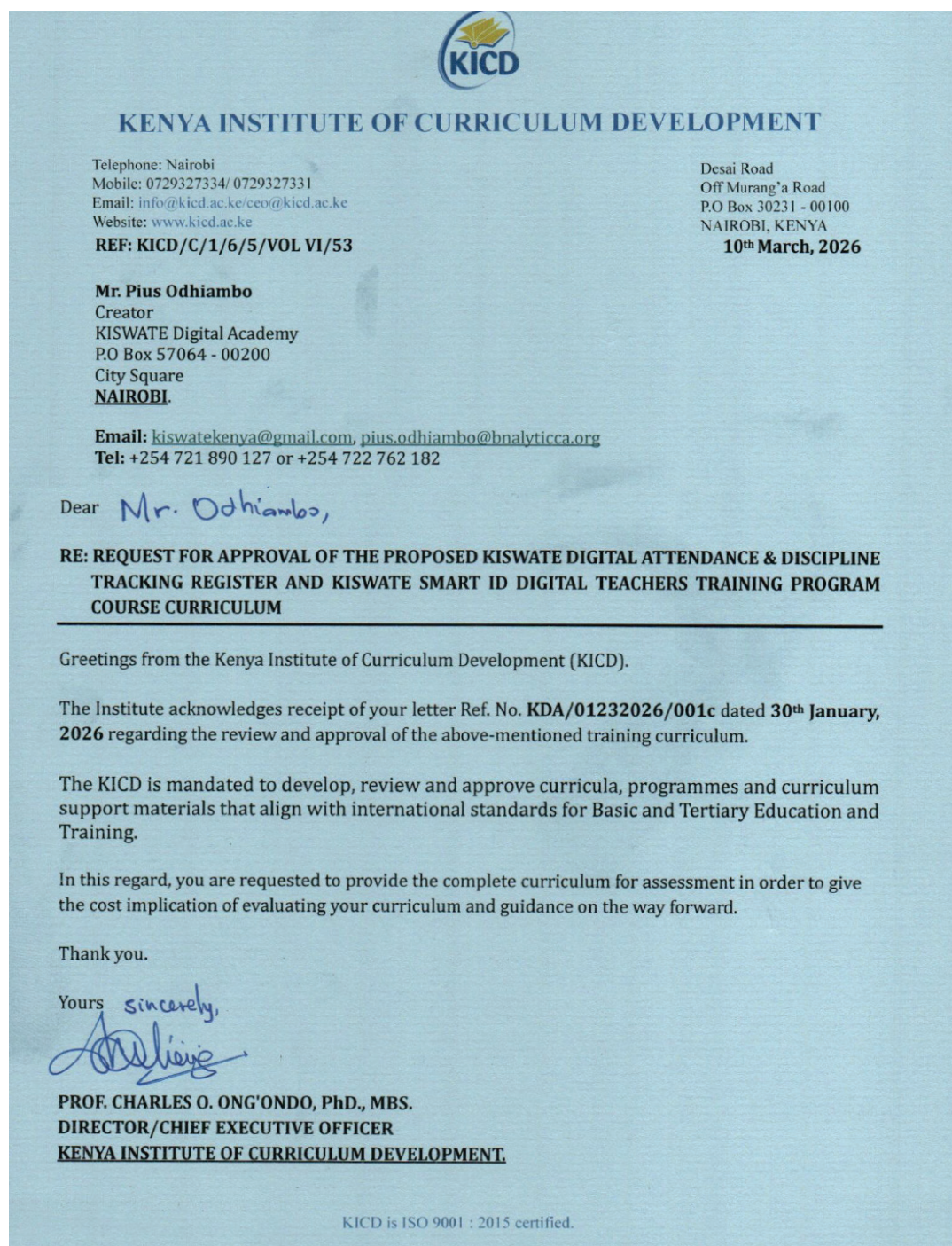
Michael Otuko
Host Principal
Kiswate National Transmission
Centre(Nyanza Region)



Eunice Ndunda
Host Principal
Kiswate National Transmission
Centre (Nairobi Region)

KISWATE Digital Attendance & Discipline Tracking Register (KDADTR) Model

KISWATE is working with the Ministry of Education, Teachers Service Commission of Kenya, KICD to develop a pricing model within the Ministry of Education policies frame work and as per the 2010 constitution of Kenya. KISWATE has submitted the draft proposal to the 3 government agencies and received the following feedback



TEACHERS SERVICE COMMISSION

Telephone: Nairobi 020-2892000
Website: <http://www.tsc.go.ke>. Email:
info@tsc.go.ke
When replying, please quote
Ref. N°:
TSC/D(TPM)/OUTLETTERS/11/VOL.II/80
and date



TSC HOUSE
KILIMANJARO ROAD
UPPER HILL
PRIVATE BAG
NAIROBI, KENYA

30TH DECEMBER, 2025

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KISWATE Digital attendance & Discipline Tracking Register
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EXPRESSION OF INTEREST: KENYA SENIOR SCHOOL' STEM, ENGLISH AND KISWAHILI TEACHERS TRAINING ON APPLICATION AND MAINSTREAMING OF ARTIFICIAL INTELLIGENCE (AI), MACHINE LEARNING (ML) AND THE USE OF ICT IN TEACHING AND LEARNING – THE KISWATE DIGITAL ATTENDANCE AND DISCIPLINE TRACKING REGISTER (KDAADTR) CASE

The Teachers Service Commission acknowledges receipt of your letter REF/KDA/01162026/001a on the above subject.

The Commission appreciates your mission to collaborate with TSC to enhance the capacity of teachers in Kenya's senior schools on the effective application of Artificial Intelligence (AI), Machine Learning (ML), and the KIWATE Digital Attendance & Discipline Tracking Register in addressing staffing and resource gaps facing the roll-out of the CBE Grade 10 cohort in Kenya.

However, for the Commission to grant your request, to approve your further engagement with teachers, it would be prudent that you provide the following: -

- (i) Pilot report supporting implementation of this programme;



REPUBLIC OF KENYA
MINISTRY OF EDUCATION
STATE DEPARTMENT FOR BASIC EDUCATION

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E-mail: ps@education.go.ke
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30040-00100

JOGOO HOUSE "B"
HARAMBEE
P. O. BOX
NAIROBI

Ref: MOE.HQS/3/6/48

26th February, 2026

The Director
KISWATE Digital Academy
NAIROBI

**EXPRESSION OF INTEREST FOR PARTNERSHIP ON AI, DIGITAL TEXTBOOKS AND ICT
IN SCHOOLS**

The Ministry acknowledges receipt of your correspondence regarding a proposed partnership to promote Artificial Intelligence (AI), machine learning, digital textbooks and ICT solutions in Kenya's schools.

The Ministry appreciates the innovative approach demonstrated by your organization and recognizes the importance of technology in enhancing access, quality, equity and relevance in education. The Government continues to advance digital transformation within established constitutional, legal and policy frameworks.

In view of the foregoing, the proposal to shift financial responsibility for digital textbooks to parents and restructure existing capitation arrangements would be inconsistent with current policy provisions and is therefore not feasible in its present form.

Nevertheless, the Ministry remains open to innovative partnerships that align fully with national education policy and legal requirements. Should your organization wish to pursue further engagement, you are advised to:

1. Align the proposal strictly with the Free Basic Education framework.
2. Develop a comprehensive concept note outlining technical specifications, data governance safeguards, sustainability mechanisms without additional parental levies, and evidence of prior pilots where applicable.
3. Channel the proposal formally through the Directorate responsible for ICT Integration and Digital Learning for review in accordance with established procedures.
4. Ensure compliance with the Public Procurement and Asset Disposal Act and relevant Public-Private Partnership regulations.

The Ministry appreciates your interest in supporting the education sector and encourages alignment with the established regulatory framework should you seek reconsideration.

Gilbert Oloo
FOR: PRINCIPAL SECRETARY

Based on the feedback by the Ministry of Education, KISWATE is re-writing its partnership proposal with the Ministry of Education for re-submission. It is on this background that KISWATE is recruiting 10 schools per subcounty in all the 47 counties in Kenya for the pilot phase in order to meet the Government of Kenya requirements for re-submission.

Contact Us

Websites:

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<https://app.kiswate.org>

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KISWATE Digital Academy



KISWATE Digital Learning

