

International Training on DHIS2

(District Health Information Software 2)

Design and Customization Academy

Capacity Building of SIMU team on DHIS2

Date : 22-27, July 2019

Venue : Colosseum Hotel, Dar es Salaam, Tanzania

Conducted by



UiO : University of Oslo



dhis2 academy



HISP Tanzania

Training supported and facilitated by

Voluntary Health Services (VHS)

Supported by Centers for Disease Control and Prevention (CDC)

(VHS-CDC Project)

Rajiv Gandhi Salai, T.T.T.I. Post, Taramani, Chennai – 600 113, Tamil Nadu, INDIA.

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**MINISTRY OF
HEALTH
SRI LANKA**



**NATIONAL
STD/AIDS
CONTROL
PROGRAMME**



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Acronyms

AIDS	Acquired Immunodeficiency Syndrome
ART	Anti-Retroviral Treatment
C&S	Care & Support
CDC	Centers for Disease Control and Prevention
CoAg	Cooperative Agreement
CSO	Civil Society Organization
CST	Care, Support & Treatment
DBI	Dashboard Indicator
DGHT	Division of Global HIV & TB
DHIS2	District Health Information Software 2
DM	Data Management
DSCS	District STD Clinic Staff
EIMS	Electronic Information Management System
FOIT	Focused Outcome and Impact Table
GIS	Geographical Information Systems
GOI	Government of India
HCP	Health Care Provider
HISP	Health Information Systems Program
HIV	Human Immunodeficiency Virus
HSS	HIV Sentinel Surveillance
HSS	Health Systems Strengthening
IBBS	Integrated Biological and Behavioral Surveillance
M&E	Monitoring and Evaluation
NACO	National AIDS Control Organization
NACP	National AIDS Control Programme
NO	Nursing Officer
NSACP	National STD/AIDS Control Programme
NSP	National Strategic Plan
PEPFAR	President's Emergency Plan for AIDS Relief
PHI	Public Health Inspector
PLHIV	People Living with Human Immunodeficiency Virus
PMTCT	Prevention of Mother To Child Transmission

SACS	State AIDS Control Societies
STD	Sexually Transmitted Diseases
STI	Sexually Transmitted Infections
SI	Strategic Information
SIMU	Strategic Information Management Unit
TA	Technical Assistance
TB	Tuberculosis
TNA	Training Needs Assessment
UiO	University of Oslo
US	United States
USAID	U.S. Agency for International Development
VHS	Voluntary Health Services

Chapter 1 - Technical Assistance to NSACP on Strategic Information – An Introduction

National STD/AIDS Control Programme (NSACP), Sri Lanka: National STD/AIDS Control Programme (NSACP), Govt., of Sri Lanka is a comprehensive program aimed at prevention and control of STDs & HIV/AIDS being implemented by the Ministry of Health, Nutrition & Indigenous Medicine in all the provinces of Sri Lanka.

The **key functions of NSACP** includes: Preventive services; Diagnosis treatment and care services for HIV; Strategic Information Management; and Health Systems Strengthening. The country is currently implementing its National Strategic Plan (NSP) 2018-2022 for HIV/AIDS control. NSP 2018-22 aims at ending AIDS in Sri Lanka by 2025. NSACP networks with 31 full time, 20 branch STD Clinics and 21 ART centres.

Strategic Information Management Unit (SIMU): The Strategic Information Management (SIM) System is the key system that is responsible for providing information and evidence to guide the country in its health policy and planning, resource allocation, program management, service delivery and accountability. The monitoring and evaluation of the STD/HIV treatment & care and Laboratory services of NSACP is currently carried out using a manual paper-based system. Currently, SIMU-NSACP is in the process of developing an automated Electronic Information Management System (EIMS) which will provide timely information for efficient patient management and monitoring of HIV care and ART Program.

Some of the unique strengths of Strategic Information (SI) system includes: National HIV Monitoring & Evaluation Plan 2017-22 that outlines the broad vision, objectives, approaches and tools used in the program; standardized forms and formats specific to each field for feeding EIMS; redesigned the website for transparency and dissemination; bringing out comprehensive annual report; long-standing, dynamic leadership of SIM unit with strong institutional memory as a great asset to NSACP; good time series data on HIV prevalence through HIV Sentinel Surveillance and IBBS; system well-positioned to be evolved into a strong HIV case reporting system; and replacing the paper-based system with an EIMS for efficient patient management and monitoring of HIV care & ART program.

PEPFAR/India: The U.S. President's Emergency Plan for AIDS Relief (PEPFAR) provides strategic, targeted support to strengthen the quality and impact of India's strong government-led response to HIV/AIDS. India's epidemic is concentrated among key populations, which include sex workers and their clients, men who have sex with men, transgender individuals, people who inject drugs, and mobile populations. The PEPFAR/India provides Technical Assistance (TA) to the Government of India (GoI) and its partners, to maximize impact on the HIV epidemic in India, by strengthening capacity in critical program areas within GoI, the private sector, and with civil society partners. PEPFAR/India has two implementing agencies in India: Centers for Disease Control and Prevention (CDC) and U.S. Agency for International Development (USAID).

CDC/DGHT-India: The U.S. Centers for Disease Control and Prevention's Division of Global HIV and Tuberculosis (DGHT) Program in India has focused its efforts on preventing new infections, increasing access to services for persons living with HIV and tuberculosis (TB), supporting a single monitoring and evaluation system, and strengthening the work of Civil Society Organizations (CSOs). DGHT provides TA on a broad range of issues, including prevention of HIV (including parent to child transmission), addressing care and treatment needs of key affected populations - people who inject drugs, men who have sex with men, commercial sex workers, trans-gender individuals, addressing comorbidities of TB and HIV, strengthening laboratory systems, blood safety, and strategic information.

The Voluntary Health Services – Cooperative Agreement (CoAg,) implementing partner of CDC for providing TA on SI: Voluntary Health Services (VHS) was established in 1958 by Dr K S Sanjivi, an eminent physician, and visionary leader. Today, VHS is a 465 bedded multi-specialty tertiary teaching hospital guided by the philosophy of "unto the last". VHS is registered as a non-profit society under the Indian Registration of Societies Act, 1860. Since 1995, VHS with 60 years of committed service has been at the forefront of managing comprehensive community health and STI/HIV prevention programs.

VHS has wide range experience in implementing innovative HIV/AIDS prevention, care and support programs, building the capacity of Civil Society Organizations (CSOs), training of Health Care Providers (HCPs), strengthening Strategic Information (SI), providing Technical Assistance (TA), facilitating knowledge transfer, etc.

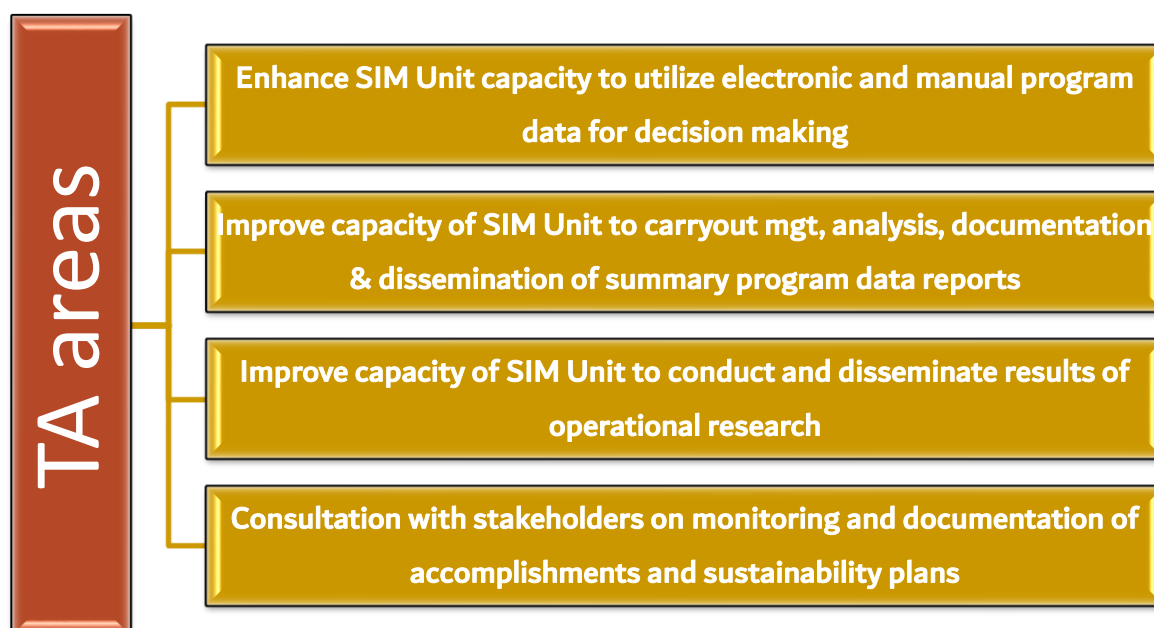
Over 25 years, VHS has been the nodal agency for implementing HIV/AIDS prevention, care, support and treatment programs in Tamil Nadu, partnering closely with the Government of India (GoI), National AIDS Control Organization (NACO), State AIDS Control Societies (SACS), line departments and other key stakeholders.

VHS has implemented several large, multi-site and multi-layered donor-funded programs including the USAID supported AIDS Prevention and Control (APAC) project; Bill and Melinda Gates Foundation (BMGF) supported Tamil Nadu AIDS Initiative (TAI) and GFATM supported Multi-country South Asia-Diversity in Action (MSA-DIVA) project. Currently, managing Centers for Disease Control and Prevention (CDC), Department of Health and Human Services, United States Government supported Technical Assistance to NACP IV. VHS has been involved in knowledge sharing initiatives both within the country and internationally. Through the USAID supported South-To-South HIV/AIDS Resource Exchange (SHARE) project, VHS provided TA to 12 selected sub-Saharan African nations and promoted bi-directional knowledge transfer of high-impact policies, practices and innovations for strengthening the HIV/AIDS program and improving health outcomes.

CDC support on Technical Assistance to NSACP on Strategic Information: The PEPFAR is a United States Governmental initiative to address the global HIV/AIDS epidemic. PEPFAR and CDC is providing support to NSACP through its' Cooperative Agreement implementing partner The Voluntary Health Services (VHS) through its VHS-CDC Project. Overall goal is to enhance the contribution of Strategic Information (SI) towards the National HIV/AIDS response in Sri Lanka by facilitating Technical Assistance (TA) and cooperation on identified priority areas. Key strategies on TA to NSACP being adopted will include Evidence-based TA; Horizontal exposure & vertical expertise; Bottom up strategy; and Comprehensive in outlook.

VHS-CDC Project and NSACP jointly facilitated the exploratory visits, inter-agency visits, interactions with senior officials at Ministry & NSACP, key stakeholders and facilitated field visits. Through this process, CDC, VHS-CDC Project and NSACP jointly identified the specific areas of TA on SI. For facilitating Technical Cooperation Initiatives, Letter of Intent (LoI) was signed between Ministry of Health, Nutrition and Indigenous Medicine, Govt. of Sri Lanka and CDC/DGHT-India during February 2018.

NSACP and VHS-CDC Project jointly held discussions and identified TA areas for support and developed a comprehensive TA plan on the following four broad areas:



As part of this TA initiatives, VHS-CDC Project is providing capacity building initiatives, system strengthening, documentation and dissemination. In accordance with the capacity building initiatives, the project has [organized the following capacity building programs](#) which includes:

National Capacity Building Workshop on Operational Research in HIV/AIDS (qualitative & quantitative)

National Training on Scientific Writing in HIV/AIDS

International Training on Data Management and Analysis of HIV/AIDS Data for SIMU and reporting units

Training on Data Management and Analysis of HIV/AIDS Data for Consultants-Venereologists & Medical Officers and District STD Clinic Staff (Public Health Inspectors & Nursing Officers)

VHS-CDC Project in partnership with SIMU has accomplished the major activities in accordance with Focused Outcome and Impact Table (FOIT) arrived at and agreed upon. Some of the major activities accomplished will include but not limited to: undertaking research studies; conducting training programs for SIMU and SI team (Operational Research, Scientific Writing, Data Management; documentation and dissemination of best practices; sharing regional best practices on SI in the context of Sri Lanka; development of technical report on dashboard; developing plans and systems for development of dashboard; facilitating exposure visits and participation in the conferences; knowledge transfer; and other key initiatives supported with technical guidance, mentoring & follow-up. In addition, the project is also in the process of developing web-based Dashboard Indicator graphs (DBI), animated analytic graphs, infographics, etc., for incorporating to the existing NSACP website; Update M&E plan to align with 2018-2022 National Strategic Plan (including operational plan for post EIMS); Develop reports for Stakeholders: Design analytic reports based on SI relevant to stakeholders (development of fact sheets/ ready reckoner for policy makers and program managers); and Process documentation on the experiences of TA to NSACP & Dissemination with SIM Unit/ NSACP and way forward.

Considering the overall training needs identified, capacity building plans evolved, VHS-CDC Project has evolved strategic plan and supported SIMU team for undergoing Training on DHIS2 (District Health Information Software 2) Design and Customization Academy.

Chapter 2 - International Training on DHIS2 - Design and Customization Academy: A Brief outline

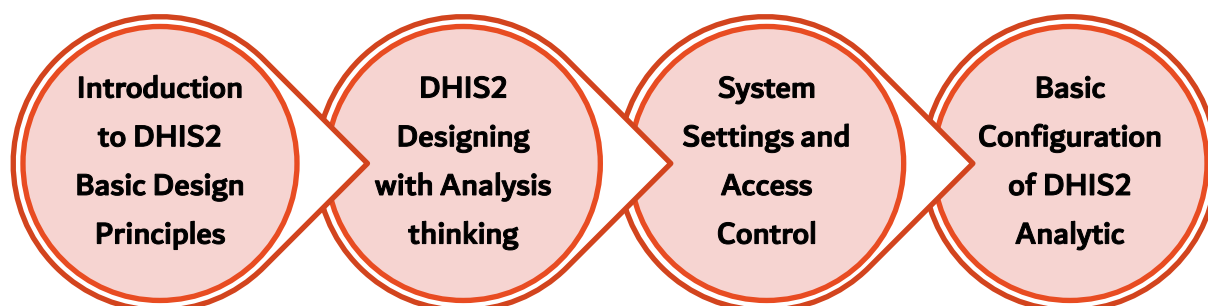
University of Oslo and HISP Tanzania jointly conducted the “**DHIS2 Design and Customization Academy - Level 1**” from 22-27, July 2019 at the Colosseum Hotel, Dar es Salaam, Tanzania.



Purpose of Design and Customization Academy Level 1: The Design and customization specialization Academy is meant for teaching the basics of DHIS2 system configuration. This course focuses on key design concepts in DHIS2 and covers best practices in setting up and maintaining a high-quality instance.

The course is specialized in taking participants through step by step in contriving and setting up of DHIS2 required metadata used for further system configurations with exclusion of event and case-based data which are to be covered in other DHIS2 academies.

The Academy is organized with **four main purposes**:



Learning Objectives:

- Introduction to DHIS2 design and customization principles.
- Learning on creating, administering and maintaining DHIS2 metadata.
- Understanding good practices for implementing tidy and scalable DHIS2 databases.
- Understanding detailed system settings and user management.
- Learning on DHIS2 data analytics app and configuration.
- Learning on how to handle and use bulk metadata across systems.
- Experience sharing among different implementers.

Facilitators: A practical training program will make sure the facilitators and participants can work together on learning the principles and skills to review the adoption of immunization standards and features locally.

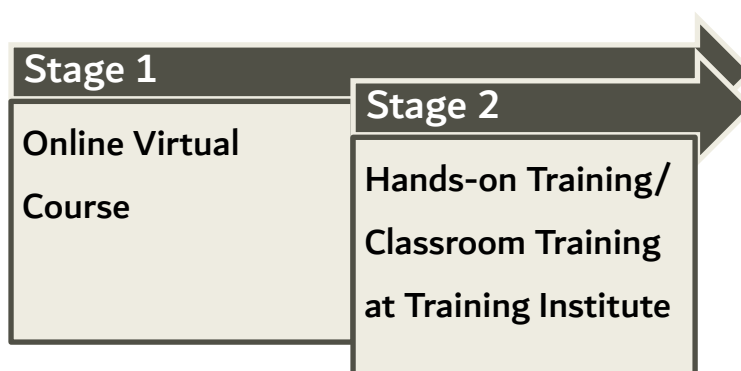
With an emphasis on experience and solution sharing among countries and to promote networking and collaboration among DHIS2 implementers in the region, this academy will include several global and regional DHIS2 experts where the participants will be able to discuss their requirements and implementations during the academy.

The course facilitators for the training program primarily will include:

Name of the Facilitator	Country
Prosper Behumbiize	HISP Uganda
Wilfred Senyoni	HISP Tanzania
Eric Munyambabazi	HISP Uganda
Andrew Muhire	HISP Rwanda



Stages in the training program: The DHIS2 training course includes two stages of the training program as mentioned below:



On successful completion of the online virtual program, the participants will be entitled to undergo the training in stage 2 in the training centre supported with classroom training and hands-on training.

The Health Information Systems Programme: DHIS2 Online Academy is being launched by the Health Information Systems Program (HISP) at University of Oslo (UiO) to strengthen capacity to successfully set up, design and maintain DHIS2 systems, anywhere, anytime. With more than 20 years of experience in the development and use of information and communication technology for health management, HISP wants to use online training to increase capacities both in countries and of organisations who adopted DHIS2.

District Health Information Software 2 (DHIS2): DHIS2 is a free and open source-based software platform. It is used in more than 60 countries and organisations as a tool for collection, validation, analysis, and presentation of aggregate and transactional data, tailored (but not limited) to integrated health information management activities. Being a platform, it is highly configurable and customizable, and has extensive interfaces allowing for integration with other systems. It is also a platform for innovation, enabling the development of apps by a global network of software developers.

DHIS2 Academy: The DHIS2 Academies aim to strengthen national and regional capacity to successfully set up, design and maintain DHIS2 systems. Through this intensive training, combining theoretical and practical sessions, the participants will become a DHIS2 expert ready to support the organisation's data collection, analysis, and reporting needs using DHIS2. This capacity building is providing a better understanding of the available DHIS2 tools and their best practices. DHIS2 is the flexible, web-based open-source information system with awesome visualization features including GIS, charts and pivot tables. DHIS2 is an open source software platform enabling governments and organizations to collect, manage and analyse data in the health domain and beyond. DHIS2 is used by ministries of health in more than 60 countries. DHIS2 academy is also supported by: [PEPFAR](#), [Norad](#), [The Global Fund](#), [The Research Council of Norway](#) and [University of Oslo](#).

Capacity building: Through the DHIS2 Academy, the Health Information Systems Programme (HISP) aims to build a community of DHIS2 users and experts in various regions, as well as facilitate sharing of experience with DHIS2 deployments and strategies for national-scale HIS implementations. Look out for the next DHIS2 Academy in the regions.

Six reasons for undergoing training at DHIS2 Academy:

- Get to know DHIS2 latest features
- Network and interact with members of DHIS2 Community
- Learn from DHIS2 experts how to address real life challenges
- Receive a DHIS2 certificate
- Ask questions and provide your feedback to our experts
- Proven track record: Since 2011, over 4500 participants from 60 countries have been trained

Chapter 3 - Process involved in planning and conducting the training program

As a part of TA to NSACP on SI, VHS-CDC Project is providing Technical Assistance. VHS-CDC Project has adopted the following process for planning, registering, coordinating and facilitate in conduct of training program on DHIS2 (District Health Information Software 2) Design and Customization Academy:

Process followed
Stage 1 – Training Need Assessment:
<ul style="list-style-type: none">✓ Reviewed the report and recommendations on Training Needs Assessment study and Training Plan conducted by VHS-CDC Project.✓ Identified the training priorities and discussed with SIMU team.✓ Developed capacity building approaches and capacity building plan.✓ Identified the specific training needs on DHIS2 considering the existing and emerging requirements including development of EIMS.
Stage 2 – Mapping and identification of the training institutions:
<ul style="list-style-type: none">✓ Developed concept note for conducting the training on DHIS2✓ Undertaken resource mapping on training institutions/ experts involved in conducting the DHIS2 training program.✓ Secondary review and coordination with the training institutions to understand the program details.

- ✓ Prioritization of the training institutions based on the training needs in consultation with SIMU team and also considering the course content, methodologies, number of days, relevance to the context of Sri Lanka, registration fee and other aspects.
- ✓ Communication with the training institution.

Stage 3 – Selection and registration of participants:

- ✓ Discussions with SIMU team, development of criteria, selecting of participants and finalization of participants based on the direct association in managing DHIS2.
- ✓ Development of the profile of the participants.
- ✓ Request letter from SIMU to VHS-CDC for support.
- ✓ Review and finalization of the participants, internal approvals, finalization of the role of key stakeholders and providing acceptance letter.
- ✓ Nomination of participants for registration.
- ✓ Online registration by the respective participants with the training institution.
- ✓ Confirmation of registration by the training institution.
- ✓ Coordination with the training institution for payment of registration fee and other logistics communication.

Stage 4 – Online course:

- ✓ Each participant undergone online course, submitted the evaluation sheets and completed the online course.
- ✓ All the seven participants selected, nominated and registered for undergoing the training has successfully completed the online course and become eligible for undergoing classroom cum hands-on training.

Stage 5 – Classroom/ Hands-on training:

- ✓ Each participant who has completed the online course has been supported for participation in the classroom cum hands-on training.
- ✓ Participated in the six-day training program and completed successfully.
- ✓ All the seven participants provided with certificate for successful completion.

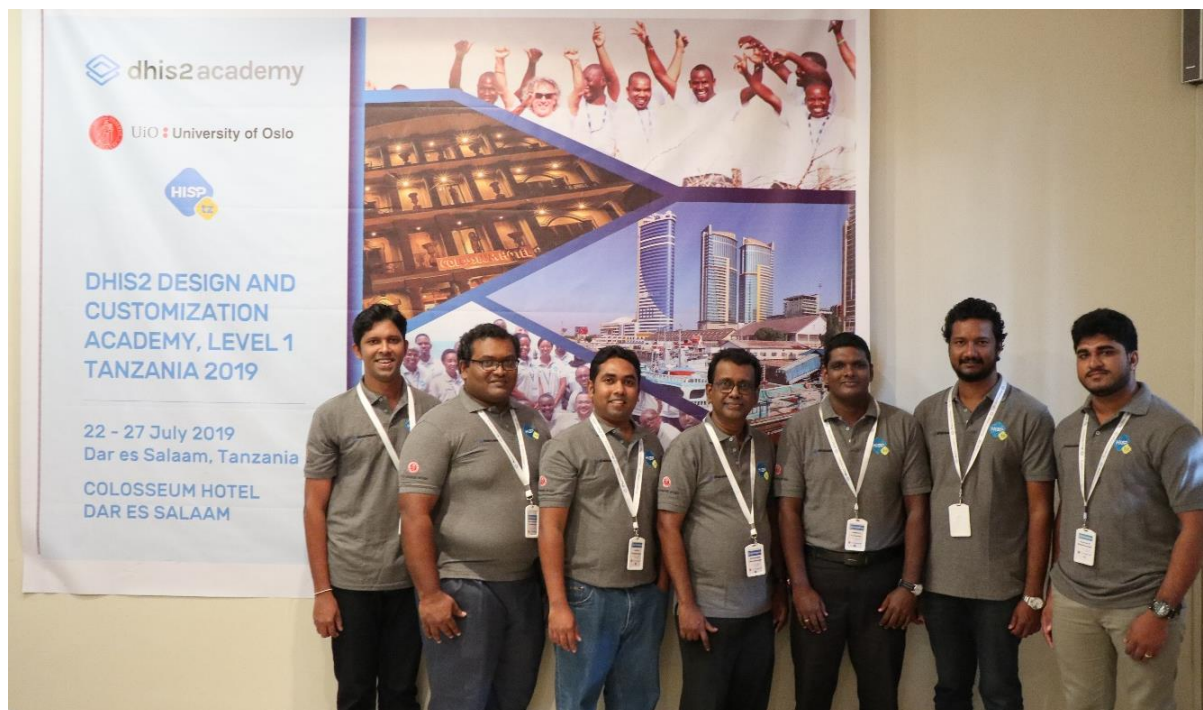
Stage 6 – Follow-up plans:

- ✓ SIMU has developed follow-up plans based on the training undergone for using the DHIS2 related knowledge and skills at SIMU level.
- ✓ SIMU has also discussed with training institutions on the follow-up technical assistance for providing needful clarifications to the participants.

Chapter 4 - Selection of participants and profile

VHS-CDC Project had a discussion with SIMU team at NSACP and finalized the following seven participants for undergoing training program on DHIS2 (District Health Information Software 2) Design and Customization Academy for six days at Tanzania:

Name	Designation	Official full postal address	Contact number & email ID	Overall experience	Experience in Strategic Information
MANATHUNGE Ariyaratne Kuruppu Arachchi	Consultant Venereologist	No. 29, De Saram Place, Colombo 10, Sri Lanka.	+94777078443 ariyaratne1@gmail.com	30 years	25 years
SHANMUGANATHAN Muraliharan	Medical Officer Planning		+94777078443 vmsmurali@yahoo.com	10 years	8 years
RAJAKARUNA R Dissanayaka Mudiyanselage Dushan Lahiru	Medical Officer Medical Informatics		+94777854477 lahirurajakaruna@gmail.com	3years	2years
KARUNARATHNE Herath Mudiyanselage Anuruddha Harshana	Senior Registrar on Venereology		+94773320102 anurudha@gmail.com	10 years	9years
FERNANDO Lakshan Saroj	Senior Strategic information Officer		+94777475778 lakshanlsf@gmail.com	9 years	3 months
MARTHUPITIYA EPAGE Amila Maduranga	ICT Officer		+94771309540 meamila88@gmail.com	5 years	3 years
WETHTHASINGHA Pramod Harshana	ICT Assistant		+94775346884 pramodharsh2@gmail.com	2 Years	3 months















Chapter 5 - Training content and course details









5.1. Part 1: Online Course

The DHIS2 academy has designed 6 modules for each participant to undergo the online course with the purpose of understanding the basic knowledge on DHIS2. The six modules covered as a part of the online courses are:

https://academy.dhis2.org/courses/HISP/DHIS2_Level1/2015_Q1/about

Module	Course topics
Module 1: Overview & Getting started	<ul style="list-style-type: none">  Welcome to DHIS2 Fundamental  Practical Information  Now it's your turn
Module 2: Introduction to DHIS2	<ul style="list-style-type: none">  Introduction to DHIS2/ History current section  Introduction to Training land  The 1000 Most Vulnerable Days' Use Case  Overview of DHIS2  DHIS2 Building blocks <ul style="list-style-type: none"> ○ <i>Session Quiz - DHIS2 Building Blocks</i> <i>Session Quiz This content is graded</i>  Module Readings <ul style="list-style-type: none"> ○ <i>Feedback - Introduction to DHIS2</i>
Module 3: Introduction to DHIS2 Analysis	<ul style="list-style-type: none">  Data Analysis Overview Intro  Pivot Tables <ul style="list-style-type: none"> ○ <i>Assignments - Pivot Tables</i> ○ <i>Assignment This content is graded</i> ○ <i>Session Quiz - Pivot Tables</i> ○ <i>Session Quiz This content is graded</i>  Data Visualizer <ul style="list-style-type: none"> ○ <i>Assignment - Data Visualizer</i> ○ <i>Assignment This content is graded</i> ○ <i>Session Quiz - Data Visualizer</i> ○ <i>Session Quiz This content is graded</i>

Module	Course topics
	<p> GIS</p> <ul style="list-style-type: none"> ○ <i>Assignments – GIS</i> ○ <i>Assignment This content is graded</i> ○ <i>Session Quiz – GIS</i> ○ <i>Session Quiz This content is graded</i> <p> Integrated Analysis, Dashboards, Messaging and Sharing</p> <ul style="list-style-type: none"> ○ <i>Session Quiz - Integrated Analysis, Dashboards, Messaging and Sharing</i> ○ <i>Session Quiz This content is graded</i> <p> Reports App and Reporting Rates</p> <ul style="list-style-type: none"> ○ <i>Session Quiz - Reports App and Reporting Rates</i> ○ <i>Session Quiz This content is graded</i> <p> Module Readings</p> <ul style="list-style-type: none"> ○ <i>Feedback - Introduction to DHIS2 Analysis</i>
Module 4: Introduction to DHIS2 Customization	<p> Introduction to Collection and Customization</p> <p> Design Principles</p> <ul style="list-style-type: none"> ○ <i>Session Quiz - DHIS2 Customization</i> ○ <i>Session Quiz This content is graded</i> <p> Organisation Units</p> <ul style="list-style-type: none"> ○ <i>Assignment - Organisation Units, Data Elements & Data Sets</i> ○ <i>Session Quiz - Organisation Units</i> ○ <i>Session Quiz This content is graded</i> <p> Data Elements</p> <ul style="list-style-type: none"> ○ <i>Assignment - Organisation Units, Data Elements & Data Sets</i> ○ <i>Session Quiz - Data Elements</i> ○ <i>Session Quiz This content is graded</i> <p> Data Collection</p> <ul style="list-style-type: none"> ○ <i>Session Quiz - Data Collection</i> ○ <i>Session Quiz This content is graded</i>




















Module	Course topics
	 Data Sets <ul style="list-style-type: none"> ○ <i>Assignment - Organisation Units, Data Elements & Data Sets</i> ○ <i>Assignment This content is graded</i> ○ <i>Session Quiz - Data Sets</i> ○ <i>Session Quiz This content is graded</i>  Module Readings <ul style="list-style-type: none"> ○ <i>Feedback - DHIS2 Customization</i>
Module 5: Introduction to Tracker	 Presentation of the Tracker Introduction Session  Event Programs  Tracker Programs  Event Data Analysis <ul style="list-style-type: none"> ○ <i>Assignment - Event Data Analysis</i> ○ <i>Assignment This content is graded</i> ○ <i>Session Quiz - Introduction to Tracker</i> ○ <i>Session Quiz This content is graded</i> ○ <i>Feedback - Introduction to Tracker</i>
Module 6: Summary Concepts	 DHIS2 Community  DHIS2 Level 1 Academies <ul style="list-style-type: none"> ○ <i>Feedback - Summary Concepts</i>





On completion of each module, the participants moved to the other module. Overall, each participant has completed six modules and obtained “Online Course Completion Certificate”.

5.2. Part 2: Hands-on training

All the seven participants have undergone classroom cum hands-on training at Colosseum Hotel, Dar es Salaam, Tanzania from 22-27, July 2019. The training institution has conducted the training program by adopting various methods including: In-house DHIS2 Sever with learning & Demo DHIS2 Instances for hands-on training and practice during the workshop; Lecture presentations and PDF guides; and Moddle instance to coordinate assignments and final examination.

Hands-on training on DHIS2 development and customization course includes: aggregated data module, Indicators, User management and Validation rules. The day wise training plan and course content of the training program includes:

Day and date	Session
Day 1: Monday 22 nd July 2019	 Session 01_Course Introduction
	 Session 02_Introduction to Learning Materials Folder
	 Session 03.1_DHIS2 Conceptual Design Principles File
	 Session 03.3_DHIS2 Apps for Customization File
	 Session 03.2_Overview of Data Collection Tool File
	 Session 05_Organizational Units Structure File
	 Session 05_Organization Units Group Exercise
Day 2: Tuesday 23 rd July 2019	 Demo Form_MCH Reporting Form
	 Session 1_Data elements without categories Folder
	 Data Elements without Categories_Group Assignment
	 Session 2_Data elements with categories Folder
	 Data elements with categories_Group Assignment
	 Session 3-Data Sets and Data Entry File
	 Data sets and Data Entry_Group Assignment
Day 3: Wednesday 24 th July 2019	 Session 01_Data Capture methods
	 Session 02_Indicators Folder
	 Exercise for Indicators Assignment
	 Session 03_Users roles, Users and User Groups Folder
	 User Roles, Users and User Groups Exercise Assignment

Day and date	Session
Day 4: Thursday 25 th July 2019	 Session 1_Data quality  Data quality Validation rules Assignment  Session 3_Data Analytics & Dashboard Configuration File  Session 3_Assignment Data analytics and Dashboards
Day 5: Friday 26 th July 2019	 Session 01_Metadata and data Import  Session 02_Systems Settings & Data Administration File  Individual Assignment
Day 6: Saturday 27 th July 2019	 Final Exam Quiz  DHIS2 Community and Development

All the seven participants has successfully participated in the training program, completed the course content and received certificate of participation/ course completion.

Toppers: In this training program, two representatives participated from SIMU has secured toppers in the overall training program:



Dr. Lahiru Rajakaruna
Medical Officer Medical Informatics,
SIMU-NSACP
secured **1st Rank**
in the entire training team participated



Dr. Anuruddha Karunarathne
Senior Registrar on Venereology,
SIMU-NSACP
secured **2nd Rank**
in the entire training team participated



Experience sharing: SIMU team has also contributed during the conduct of the training program by sharing the best practices on SI and current practices in managing DHIS2.

Fulfillment of training needs: AS the SIMU deals with Electronic Information Management System to handle large amount of data (HIV, STD and ART) this workshop provided proper hands-on training on DHIS2 which enabled trainees to have a confident on creating an indicator based DHIS2 data warehouse.

There is a difficulty in implementation of DHIS2 based advanced dashboards and analysis due to lack of expertise in DHIS2 design and customization.

Thus, through this workshop the seven participants were able to acquire comprehensive hands-on training on DHIS2 design and customization

The team training approach (all SIMU team attended the training) has also helped in gaining comprehensive knowledge and skills required for operationalizing and managing DHIS2.

Overall this training program addressed the basic comprehensive training needs of SIMU team and each of the participant for efficiently managing the DHIS2 as a part of EIMS. This training has also enabled opportunities for gaining technical knowledge supported with hands-on training.

Chapter 6 - Overall advantages/ benefits of the training program (for the participants)

Currently the DHIS2 is running as a part of the EIMS. However, it was not properly customized and designed due to lack of expertise by the software developers. Through the training the participants were able gain the necessary knowledge and hands-on training and currently the SIMU is benefitted to redesign and customize the DHIS2 component of the EIMS according to the specific requirements and to function as required.

In addition, through the knowledge gained at the workshop we as participants will be able to produce new DHIS2 based solutions to future endeavors.

Overall, this training was very much useful in enhancing the capacity of the SIMU team for moving from paper-based EIMS and managing DHIS2.

This training will help in the following ways:

Established DHIS2 and introduced in a systematic way

Efficient data management analysis and dissemination

Analyzing strengths & gaps, evolve plans for further strengthening and undertaking programmatic decisions

Presenting the data with policy-makers and in the annual reports

Contributing for the efficient use of EIMS system (DHIS2 is integral part of EIMS)

The knowledge and skills gained will be sustained and efficiently managed DHIS2

Chapter 7 - Follow-up plans

7.1. At SIMU Level

In continuation, all seven participants had a planning meeting & evolved immediate follow-up plans for continue to practice, integrate and sustain the knowledge & skills gained:

S. No.	Follow-up plans	Timelines
1.	Redesigning of the DHIS2 Component of the EIMS with new STD, HIV and ART modules. Creation of interactive dashboards and indicators for data analysis.	2-3 Months
2.	Conduct training DHIS2 workshops for doctors and other stakeholders for data entry and data visualization of the NSACP	4 months
3.	Continues interactions with global DHIS2 community for novel inventions and updates	From now onwards
4.	Seeking opportunities to participate future DHIS2 workshops to sustain the knowledge and gain more practice	From now onwards
5.	Monthly meetings and discussions with 7 participants to refresh the knowledge and share the practical experiences	Monthly
6.	Maintain viber, whatsapp and email groups among participants to keep iterations and support.	From now onwards

7.2. At Training Institution Level

The training institution has suggested the participants to write to the facilitators for any additional clarifications, technical update, guidance, etc. The same will be followed based on the needs and requirements of the participants undergone the training program.

SIMU will introduce internal systems for helping each other amongst the trained team by facilitating experience sharing, problem solving, providing hands-on training between the team members, etc. Coordinator-SIMU will provide needed strategic guidance to the team for continue to practice DHIS2.

7.3. Experience sharing & interactions with trained team by VHS-CDC Project

VHS-CDC Project has facilitated experience sharing cum interactions with all the seven trained team members for the following purposes:

- To understand the usefulness of the training for efficient management of DHIS2.
- To facilitate interactions among the trained team to explore on the possibilities of helping each other, sustaining the learned knowledge and skills.
- To understand the follow-up plans evolved by the SIMU team on establishing and maintaining the DHIS2 system.

In this regard, the meeting was held on 6th August 2019 at Galle Face Hotel, Colombo, Sri Lanka. This meeting was chaired by Dr Joseph D Williams, Director Projects, VHS and Dr Ariyaratne Manathunge, Consultant-Venereologist cum Coordinator-SIMU, NSACP. From VHS-CDC Project, Dr T Ilanchezhian, Senior Technical Advisor, Ms T Sudha, Senior Programme Associate and



Mr S Sathyaraju, Associate Manager-Finance has participated and facilitated the interactions. This meeting has provided opportunity to understand the content, learnings, follow-up plans for operationalizing DHIS2, etc. This meeting has also helped in collecting and consolidating the training report, individual training report & feedback. VHS-CDC Project has requested SIMU team to ensure best coordination and exchange of experiences in updating and using DHIS2 system.




Chapter 8 - Feedback from Participants

Participants	Feedback
 <p><i>Dr Ariyaratne Manathunge, Consultant Venereologist & Coordinator-SIMU, NSACP</i></p>	<p>I gained a working knowledge of using and developing simple DHIS2 information system. This was helpful in finalizing the DHIS2 component of the EIMS system and to navigate it into a more user friendly and technically updated reporting system. It boosts to prepare clear and concise charts, graphs and reports. For the SIM Unit DHIS2 tool will help and increase performance in data collection, validation, analysis, and presentation of aggregate and patient-based statistical data.</p> <p>Thanks to VHS-CDC Project and CDC for supporting the entire SIMU team to undergo team training on DHIS2 considering the request, need of the hour and for efficient management of DHIS2.</p>
 <p><i>Dr S Muraliharan, Medical Officer Planning, SIMU-NSACP</i></p>	<p>Learned concepts of this open source software DHIS2 which I have had very less understanding on theory and practical aspect although we are having in our EIMS system. This has helped to enhance the ongoing electronic system and to navigate it into a more user friendly and technically updated reporting system, analyzing the data and develop dashboards. This training gave the idea to prepare clear and concise charts, graphs and reports through DHIS2.</p> <p>Overall, the knowledge & skills gained through this training will be of very much useful for strengthening the data collection, analysis, presentation by using DHIS2. This will help in comprehensive manner considering the nodal officer responsible for managing EIMS & DHIS2.</p>

Participants	Feedback
 <p data-bbox="220 658 577 801"><i>Dr Lahiru Rajakaruna, Medical Officer Medical Informatics, SIMU-NSACP</i></p>	<p data-bbox="627 255 1391 454">Overall, this training was very much useful in enhancing my experience and capacity to design, develop, implement and manage DHIS2 based information management system.</p> <p data-bbox="627 524 1391 992">As a Post-Graduate student, I was able to have an exposure to DHIS2 related health care systems in Sri Lanka in 2016 and 2017. But there was no proper training or experience to learn the design and customization of the DHIS2 instances at that time. I was able to gain thorough understanding and experience during this DHIS2 training in Tanzania. I was able to share my experience among the participants and facilitators of the DHIS2 workshop during the sessions.</p> <p data-bbox="627 1061 1391 1480">There were more than 35 participants from 18 countries. We were blessed to share the experience and knowledge among each other. It is beneficial for me to understand the practical matters and possible solutions in implementation of DHIS2 systems in different countries. I was able to secure the top rank in the academy and now I am confident enough to develop more DHIS2 based systems for the Sri Lankan Health System in future.</p> <p data-bbox="627 1550 1391 2016">Overall, this training was more beneficial to me considering working as a Medical Officer – Health Informatics at SIMU, NSACP and knowledge & skills gained will be of very much useful for efficient performance of my roles and responsibilities in the implementation of DHIS2 system. In addition, I have also contributed in sharing Sri Lanka experiences on Health Informatics and on DHIS2 to other country representatives and facilitated knowledge sharing.</p>

Participants	Feedback
 <p data-bbox="201 663 592 801"><i>Dr Anuruddha Karunaratne, Senior Registrar on Venereology, SIMU-NSACP</i></p>	<p data-bbox="627 255 1401 562">I take this opportunity to thank Dr Joseph D Williams, Director-Projects for his support in deputing seven officials to undergo this training program including me. Thanks to Dr T Ilanchezhian, Senior Technical Advisor, VHS-CDC Project for his coordination and communication in facilitating this training program.</p> <p data-bbox="627 633 1401 936">I have undergone training through online and gained needful knowledge. As a next step, undergone hands-on training/ classroom training at Tanzania in a reputed institute by renowned experienced resource persons. Very useful training program considering the emerging developments and for efficient management of DHIS2.</p> <p data-bbox="627 1010 1401 1155">The methodologies adopted, course content, course materials and the systems adopted as a part of the training program was very much appreciable.</p> <p data-bbox="627 1227 1401 1373">I wish to state that, I stood second in overall ranking amongst 35 participants from 18 countries. This has provided enough confidence and commitment in learning.</p> <p data-bbox="627 1444 1401 1590">I am sure I will be able to contribute for DHIS systems and efficient data management at SIMU level and contributing to the country systems.</p> <p data-bbox="627 1662 1401 1854">Thanks to Dr Rasanjalee Hettiarachchi, Director-NSACP, Dr Ariyaratne Manathunge, Consultant-Venereologist cum Coordinator-SIMU, NSACP and the team for considering me and including me in the training program.</p>

Participants	Feedback
 <p data-bbox="205 640 590 784"><i>Mr Lakshan Fernando</i> <i>Senior Strategic information</i> <i>Officer, SIMU-NSACP</i></p>	<p data-bbox="627 255 1402 987">I have joined recently in this SIM Unit and the training on DHIS2 followed with training on Data Management provided me an opportunity to gain needful knowledge and skills in managing my roles and responsibilities. This also provided best understanding, confidence and motivation to start my responsibilities with clarity and contribution to DHIS2 systems. Learned concepts of this open source software DHIS2 which I have had very less understanding on theory and practical aspects. This training will be help to enhance he ongoing electronic system and to navigate it into a more user friendly and technically updated reporting system. Boost to prepare clear and concise charts, graphs and reports through DHIS2.</p> <p data-bbox="627 1061 1402 1422">For the SIM Unit DHIS2 tool will help and increase performance in data collection, validation, analysis, and presentation of aggregate and patient-based statistical data. The training course will help my job role in the SIM Unit to support the team in developing and upgrading the systems with DHIS2 and helping in development, improving quality and accuracy.</p> <p data-bbox="627 1496 1402 1856">Finally, I take this opportunity to thank the VHS-CDC Management: Dr Joseph D Williams, Director Projects, Dr T Ilanchezhian, Senior Technical Advisor, Ms T Sudha, Senior Programme Associate and Mr Sathyaraju, Associate Manager-Finance for the coordinated support in undergoing this training program which will be of more useful for entire lifetime. Thanks to CDC team.</p> <p data-bbox="627 1930 1402 2013">Thanks to Director-NSACP and the Coordinator-SIM Unit for selecting me to be a part of this useful training.</p>

Participants	Feedback
 <p data-bbox="223 622 574 712"><i>Mr Amila Maduranga, ICT Officer, SIMU-NSACP</i></p>	<p data-bbox="627 255 1402 560">Acknowledgement goes to the VHS-CDC Project management, Director-NSACP and Coordinator-SIM Unit for selecting me to be a part of this useful training. Able to learn new DHIS2 related techniques and methodologies which will be useful to implement in Electronic Information System's reporting section.</p> <p data-bbox="627 631 1402 828">Familiar with some key factors, terms in DHIS2. As the ICT officer, I can deal with the issues come up with DHIS2 in EIMS. Data integration, error checking on elements, categories helped me to maintain quality checking.</p> <p data-bbox="627 900 1402 1097">Overall, this training was useful. Thank you for sending the entire team for undergoing uniform training for working together. Thanks to VHS-CDC Project for supporting me to undergo such an useful training.</p>
 <p data-bbox="207 1482 590 1572"><i>Mr Pramod Weththasingha, ICT Assistant, SIMU-NSACP</i></p>	<p data-bbox="627 1120 1402 1532">New DHIS2 related techniques and terminologies were learned in the reporting section of the electronic information system. DHIS2 condition improved after the patch grade training. As an ICT Assistant, I will be able to deal with the problems with DHIS2 in EIMS. Had the opportunity of knowing and identifying other participants involved in DHIS2 implementation and gained experiences on DHIS2.</p> <p data-bbox="627 1603 1402 1854">This training has enabled me to gain needed and relevant knowledge and skills. I am confident in managing and contributing for DHIS2 systems. This team training has also provided opportunity to contribute together as a team with equal wave length and understanding.</p> <p data-bbox="627 1926 1402 2011">Thanks to VHS-CDC Project team, CDC and this meaningful effort.</p>

Chapter 9 - Overall learnings and experiences of Training on DHIS2

Overall, this training on DHIS2 supported with online course and hands-on training was very much useful for the entire SIMU team for acquainting knowledge and skills for introducing and managing DHIS2.

This training contributed for each one of the SIMU team members (7 participants) to gain common understanding on the use of DHIS2.

The training undergone will be of useful for introducing and managing the DHIS2 and effective data analysis.

The training undergone by the 7 officials will also helpful in orienting the other SIMU team members and reporting units for unified reporting, quality reporting and effective data management.

Chapter 10 - Type of support received from VHS-CDC Project for this training

As a part of technical cooperation initiatives, VHS-CDC Project with the support of CDC in close coordination with SIMU, executing Technical Assistance in the areas of Capacity Building, System Strengthening, Documentation and Dissemination of best practices. VHS-CDC Project has undertaken efforts to build the capacities of SIMU team and reporting units on Operational Research, Scientific Writing, Data Management, etc. In continuation of this, VHS-CDC Project has also facilitated, supported and arranged training on DHIS2 for SIMU team.

VHS-CDC team had a series of planning meetings with SIMU team in the process of planning and conducting the training program, coordination and support.

VHS-CDC Project has systematically planned and coordinated with SIMU in identification of the training needs, identifying the training institution, selection of participants, coordinating with NSACP in obtaining permission for the participants to undergo training, provided needful technical guidance in the process of undergoing training, coordination with the training institution for registration and enabling the team to undergo training. VHS-CDC Project team has extended very good professional and strategic support (technical and financial) to the SIMU team to undergo training at every stage of the program including registration, online courses, registration for hands-on training, facilitating for undergoing hands-on training and other guidance.

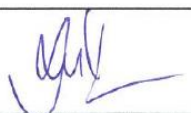






VHS-CDC Project has also extended support in a timely manner such as: ticket, VISA, Insurance, advances and other financial guidelines.

Overall, VHS-CDC Project has ensured effective communication, coordination, strategic guidance and support to enable the 7 officials to undergo meaningful training program.

The training on DHIS2 provided to the SIMU team was very much useful, timely and will help in ensuring DHIS2 systems at SIMU level. The strategic technical assistance being provided and extended in organizing this DHIS2 training by VHS-CDC Project with the

support of CDC is very much appreciable. This capacity building will contribute to enhancing system, effective use of data, dissemination, etc.

Appreciate and acknowledge the support extended by VHS-CDC Management: Dr Joseph D Williams, Director Projects, Dr T Ilanchezhian, Senior Technical Advisor, Mr B Kamalakar, Finance Controller, Ms T Sudha, Senior Programme Associate and Mr Sathyaraju, Associate Manager-Finance and VHS-CDC team for undergoing this training program in a systematic and satisfied manner. We also acknowledge the support of CDC/DGHT-India team for their support in this TA initiative.

1	MANATHUNGE Ariyaratne Kuruppu Arachchi	
2	SHANMUGANATHAN Muraliharan	
3	RAJAKARUNA R Dissanayaka Mudiyansele Dushan Lahiru	
4	KARUNARATHNE Herath Mudiyansele Anuruddha Harshana	
5	FERNANDO Lakshan Saroj	
6	MARTHUPITIYA EPAGE Amila Maduranga	
7	WETHTHASINGHA Pramod Harshana	

Chapter 11 - Course Completion Certificates





THIS IS TO CERTIFY THAT

Lahiru Rajakaruna

HAS SUCCESSFULLY COMPLETED THE

DHIS2 Design and Customization

ACADEMY LEVEL 1

DAR ES SALAAM , TANZANIA– (22ND - 27TH JULY 2019)

ISMAIL KOLELENI.
HISP TANZANIA



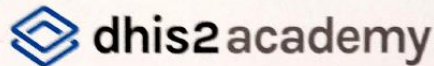
Professor KRISTIN BRAA
UNIVERSITY OF OSLO



Department of informatics
P.O.Box 1080 Blindern
N-0316 OSLO, NORWAY



UiO : University of Oslo



THIS IS TO CERTIFY THAT

Anuruddha Karunaratne

HAS SUCCESSFULLY COMPLETED THE

DHIS2 Design and Customization

ACADEMY LEVEL 1

DAR ES SALAAM , TANZANIA– (22ND - 27TH JULY 2019)

ISMAIL KOLELENI.
HISP TANZANIA



Professor KRISTIN BRAA
UNIVERSITY OF OSLO



Department of informatics
P.O.Box 1080 Blindern
N-0316 OSLO, NORWAY



UiO : University of Oslo



THIS IS TO CERTIFY THAT

Lakshan Fernando

HAS SUCCESSFULLY COMPLETED THE

DHIS2 Design and Customization

ACADEMY LEVEL 1

DAR ES SALAAM , TANZANIA– (22ND - 27TH JULY 2019)

ISMAIL KOLELENI.
HISP TANZANIA



Professor KRISTIN BRAA
UNIVERSITY OF OSLO



Department of informatics
P.O.Box 1080 Blindern
N-0316 OSLO, NORWAY



UiO • University of Oslo



THIS IS TO CERTIFY THAT

Amila Maduranga Marthupitiya Epage

HAS SUCCESSFULLY COMPLETED THE

DHIS2 Design and Customization

ACADEMY LEVEL 1

DAR ES SALAAM , TANZANIA– (22ND - 27TH JULY 2019)

ISMAIL KOLELENI.
HISP TANZANIA



Professor KRISTIN BRAA
UNIVERSITY OF OSLO



Department of informatics
P.O.Box 1080 Blindern
N-0316 OSLO, NORWAY



UiO • University of Oslo



THIS IS TO CERTIFY THAT

Pramod Harshana Weththasingha

HAS SUCCESSFULLY COMPLETED THE

DHIS2 Design and Customization

ACADEMY LEVEL 1

DAR ES SALAAM , TANZANIA- (22ND - 27TH JULY 2019)

ISMAIL KOLELENI.
HISP TANZANIA



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Photo Glimpse







Annexures

Annexure 1: Registration Acceptance Letter



ACCEPTANCE LETTER

DHIS 2 Design & Customization Academy - Tanzania 2019
22 - 27 July 2019
Dar es Salaam, Tanzania

Dear Ariyaratne,

We are happy to confirm your registration to the DHIS2 Design and Customization Academy Tanzania 2019.

Registration cost for this 6 days academy is USD 750 and includes:

- Training Materials
- The conference Material
- One lunch break per day
- Two coffee breaks per day
- Social Events

Payment instructions

Please proceed to the payment of the registration fees by bank transfer to the below bank account

NB: Kindly indicate participant name and organization when proceeding to the payment. Bank transfer fees are to be covered by the participant. Registration will not be validated if the amount transferred is not equal to the above amount.

Bank name: EXIM BANK (T) LTD
Account name: HISP TANZANIA
City: DAR ES SALAAM
Country: TANZANIA
Account number: 0090016520
SWIFT code: EXTNTZTZ

We remind you that your participation will be guaranteed only once payment received.

The Academy venue is the Colosseum Hotel, Dar es Salaam, Tanzania.

Participants are encouraged to arrange their accommodation details as soon as possible. We are happy



to confirm an exclusive discount rate at USD 90 per night and includes; free wifi, bed and breakfast.

Hotel details:

Hotel Name: Colosseum Hotel Dar es Salaam
Hotel Contact Person: Sweta Champs
Address: 79 Haile Salassie Road Oysterbay, Dar es Salaam
Email address: reservations@colosseumtz.com
Tel: +255 67 494 2223
Reference when booking: HISP Tanzania, DHIS2 Academy

Do not hesitate to contact us at tanzania2019@dhis2.org should you need a personal invitation letter for your visa application or other special requests.

The Organizing Committee





ACCEPTANCE LETTER

DHIS 2 Design & Customization Academy - Tanzania 2019
22 - 27 July 2019
Dar es Salaam, Tanzania

Dear Shanmuganathan,

We are happy to confirm your registration to the DHIS2 Design and Customization Academy Tanzania 2019.

Registration cost for this 6 days academy is USD 750 and includes:

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The Organizing Committee





ACCEPTANCE LETTER

DHIS 2 Design & Customization Academy - Tanzania 2019 22 - 27 July 2019 Dar es Salaam, Tanzania

Dear Lahiru,

We are happy to confirm your registration to the DHIS2 Design and Customization Academy Tanzania 2019.

Registration cost for this 6 days academy is USD 750 and includes:

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The Organizing Committee





ACCEPTANCE LETTER

DHIS 2 Design & Customization Academy - Tanzania 2019
22 - 27 July 2019
Dar es Salaam, Tanzania

Dear Anuruddha Karunaratne,

We are happy to confirm your registration to the DHIS2 Design and Customization Academy Tanzania 2019.

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The Organizing Committee





ACCEPTANCE LETTER

DHIS 2 Design & Customization Academy - Tanzania 2019
22 - 27 July 2019
Dar es Salaam, Tanzania

Dear Lakshan,

We are happy to confirm your registration to the DHIS2 Design and Customization Academy Tanzania 2019.

Registration cost for this 6 days academy is USD 750 and includes:

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The Organizing Committee





ACCEPTANCE LETTER

DHIS 2 Design & Customization Academy - Tanzania 2019
22 - 27 July 2019
Dar es Salaam, Tanzania

Dear Amila Maduranga,

We are happy to confirm your registration to the DHIS2 Design and Customization Academy Tanzania 2019.

Registration cost for this 6 days academy is USD 750 and includes:

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The Organizing Committee





ACCEPTANCE LETTER

DHIS 2 Design & Customization Academy - Tanzania 2019
22 - 27 July 2019
Dar es Salaam, Tanzania

Dear Pramod Harshana,

We are happy to confirm your registration to the DHIS2 Design and Customization Academy Tanzania 2019.

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Tel: +255 67 494 2223
Reference when booking: HISP Tanzania, DHIS2 Academy

Do not hesitate to contact us at tanzania2019@dhis2.org should you need a personal invitation letter for your visa application or other special requests.

The Organizing Committee



Annexure 2: Online Course Completion Certificate

7/16/2019

DHIS2 Online Academy DHIS2_101 Certificate | DHIS 2 Academy - online

  **UiO : University of Oslo**

Certificate of Completion
This is to certify that

Ariyaratne Manathunge
has successfully completed

DHIS2_101
DHIS2 Fundamentals
a DHIS2 Academy online course offered by the University of Oslo

July 15, 2019


Kristin Braa
Professor
University of Oslo

Verify the authenticity of this certificate at
http://academy.dhis2.org/certificates/user/9834/course/HISP/DHIS2_Level1/2015_Q1

<https://academy.dhis2.org/certificates/0bf6aea695f74df0b5ac8da6cdc98fba>

1/1

7/8/2019

DHIS2 Online Academy DHIS2_101 Certificate | DHIS 2 Academy - online

  **UiO : University of Oslo**

Certificate of Completion
This is to certify that

Shanmuganathan
has successfully completed

DHIS2_101
DHIS2 Fundamentals
a DHIS2 Academy online course offered by the University of Oslo

July 8, 2019


Kristin Braa
Professor
University of Oslo

Verify the authenticity of this certificate at
http://academy.dhis2.org/certificates/user/9836/course/HISP/DHIS2_Level1/2015_Q1

<https://academy.dhis2.org/certificates/f2cd9a8c3486451bad29711b982b839f>

1/1

Certificate of Completion

This is to certify that

**dushan lahiru
rajakaruna**

has successfully completed

DHIS2_101

DHIS2 Fundamentals

a DHIS2 Academy online
course offered by the
University of Oslo

July 1, 2019



Kristin Braa
Professor
University of Oslo

Verify the authenticity of this certificate
at

http://academy.dhis2.org/certificates/user/4398/course/HISP/DHIS2_Level1/2015_Q1

Certificate of Completion

This is to certify that

H. M. A. H. Karunaratne

has successfully completed

DHIS2_101

DHIS2 Fundamentals

a DHIS2 Academy online course offered by the University of Oslo

July 1, 2019



Kristin Braa
Professor
University of Oslo

Verify the authenticity of this certificate at

http://academy.dhis2.org/certificates/user/9837/course/HISP/DHIS2_Level1/2015_Q1

Certificate of Completion

This is to certify that

Lakshan Fernando

has successfully completed

DHIS2_101

DHIS2 Fundamentals

a DHIS2 Academy online course offered by the
University of Oslo

July 8, 2019



Kristin Braa
Professor
University of Oslo

Verify the authenticity of this certificate at

http://academy.dhis2.org/certificates/user/9925/course/HISP/DHIS2_Level1/2015_Q1

7/10/2019

DHIS2 Online Academy DHIS2_101 Certificate | DHIS 2 Academy - online

Certificate of Completion

This is to certify that

Marthupitiya Epage Amila Maduranga

has successfully completed

DHIS2_101

DHIS2 Fundamentals

a DHIS2 Academy online course offered by the University of Oslo

September 18, 2017



Kristin Braa
Professor
University of Oslo

Verify the authenticity of this certificate at

http://academy.dhis2.org/certificates/user/885/course/HISP/DHIS2_Level1/2015_Q1

<https://academy.dhis2.org/certificates/e228727cfe742458c674077c8d5dfd1>

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7/10/2019

DHIS2 Online Academy DHIS2_101 Certificate | DHIS 2 Academy - online



UiO : University of Oslo

Certificate of Completion

This is to certify that

Pramod Harshana Weththasingha

has successfully completed

DHIS2_101

DHIS2 Fundamentals

a DHIS2 Academy online course offered by the University of Oslo

July 8, 2019

Kristin Braa
Professor
University of Oslo

Verify the authenticity of this certificate at

http://academy.dhis2.org/certificates/user/9909/course/HISP/DHIS2_Level1/2015_Q1

<https://academy.dhis2.org/certificates/45957ed0c0ff4119b088f1be24586d33>

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Annexure 3: Consolidated Training Report Format

International Training on DHIS 2 (*District Health Information Software 2*)

Design and Customization Academy

Consolidated Training Report Format

Part 1: List of participants/ profile undergone training program:

Name	Designation	Official full postal address	Contact number & email ID	Overall experience	Experience in Strategic Information

Part 2: Information about the training program:

Name of the training program	
Date	
Venue	
# no. of participants (attach participants list)	
# no. of country wise participants	
Objectives	
Methodologies	
Outcome of the training program	
Training agenda (attach)	
List of resource persons/ faculties involved in conducting the training program	
List of course materials/ resources provided by the training institution	
Any other	

Part 3: Please highlight core content of the training program imparted as a part of the training program.

3.1. Core content in the online course

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3.2. Core content in the training program at Tanzania (hands-on training)

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Part 4: Whether this training program addressed the comprehensive training needs of the SIMU team?

Part 5: Kindly specify overall advantages/ benefits of this training program for the SIMU team.

Part 6: Kindly share the immediate follow-up plans for continued to practice, integrate and sustain.

S. No.	Follow-up plans	Timelines

Part 7: Follow-up support, technical update plans/ virtual Technical Assistance from the training institution if any (kindly specify follow-up support envisaged from the training institution).

Part 8: Overall learnings and experiences of Training on DHIS2.

Part 9: Type of support received from VHS-CDC Project for this training program.

Part 10: Any other additional information.

Annexures:

1. Photos
2. Agenda
3. Copy of the certificate issued by training institution for all the 7 participants
4. Soft copy of any of the important course materials which may be of useful
5. Copy of the confirmation of registration
6. Copy of the certificate or letter issued by training institution for completion of the online course if any.

Name and Signature of the participants:

S. No.	Name	Signature

Annexure 4: Individual Learnings and Feedback Report Format

International Training on DHIS 2 (*District Health Information Software 2*) Design and Customization Academy

Individual learnings and feedback Report Format

Part 1: Profile:

Name	
Designation	
Office address	

Part 2: Information about the training program:

Name of the training program	
Date	
Venue	

Part 3: Please highlight the overall experiences, learnings and how this training was useful to your job responsibilities.

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Part 4: Please share a brief quote on the overall training content, methodologies, how it was useful in enhancing knowledge and skills and plans to adopt.

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Name	Designation	Signature

Annexure 5: Training Coordination Team:

VHS-CDC Project:

- ☞ Dr Joseph D Williams, Director Projects
- ☞ Dr T Ilanchezhian, Senior Technical Advisor
- ☞ Mr Kamalakar Bysani, Finance Controller
- ☞ Ms T Sudha, Senior Programme Associate
- ☞ Mr S Sathyaraju, Associate Manager-Finance

NSACP:

- ☞ Dr Ariyaratne Manathunge, Consultant-Venereologist & Coordinator-SIMU
- ☞ Dr Lahiru Rajakaruna, MO/Informatics/SIM unit

VHS-CDC Project

The Voluntary Health Services (VHS), India

Supported by Centers for Disease Control and Prevention (CDC/DGHT-India)

T.T.T.I. Post, Rajiv Gandhi Salai, Taramani, Chennai – 600 113, Tamil Nadu, INDIA.

Ph.: +91-44-22541965 | Email: vhs.cdcproject@gmail.com