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**CURRICULUM VITAE**  
**HASHIM HAMZA CHANDE**

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**Personal Profile**

Date of birth: 18<sup>TH</sup> January 1967  
Marital status: Married  
Nationality: Tanzanian  
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**PRIMARY EDUCATION**

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- i) 1973 to 1980, Primary education at Kiswandui Primary School, Zanzibar

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**SECONDARY EDUCATION**

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- i) 1981 to 1984, Secondary education (O-Level) at Tumekuja Secondary School, Zanzibar

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**PROFESSIONAL AND HIGHER EDUCATION**

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- i) November, 2014 to date, PhD in Agricultural Education and Extension (Titled: Assessment of farmers' use of mobile phones in communicating agricultural information in *Magharibi* (A) District, Zanzibar) at Sokoine University of Agriculture, P. O. Box 3000, Morogoro, Tanzania.
- ii) January, 2007 to November, 2009, Master of Science in Information System (Titled: Design and Development of Web-based database information system in Zanzibar) at Kampala International University, P. O. Box 20000, Kampala, Uganda
- iii) September 1999 to November, 2002, Bachelor of Science in Agricultural Education and Extension (Titled: Assessment of newsletter in communicating with farmers) at Sokoine University of Agriculture, P. O. Box 3000, Morogoro, Tanzania.
- iv) September 1996 to June, 1998, Diploma on Horticulture at MATI - Tengeru, P. O. Box 1253, Arusha, Tanzania.
- v) July 1987 to June, 1989 Certificate on General Agriculture at MATI - Ilonga, P. O. Box 66, Kilosa - Morogoro, Tanzania.

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**OTHER TRAININGS**

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- i) 1<sup>st</sup> – 5<sup>th</sup> April, 2019, Plot course on Landscape Climate Smart Agriculture at Stone Town, Zanzibar - Tanzania.
- ii) 18<sup>th</sup> – 29<sup>th</sup> May, 2015, Training course on Media Design for Social Changes at CDI, Wageningen, The Netherlands.
- iii) 6<sup>th</sup> – 26<sup>th</sup> September, 2012, Seminar on Information Technology Application in Agriculture for Developing Countries" at Nanjing, China.
- iv) 23<sup>rd</sup> – 25<sup>th</sup> May, 2012, Indian Ocean Islands Communication correspondents training workshop on Agro-ecological resources at Mauritius.
- v) 16<sup>th</sup> – 20<sup>th</sup> January, 2012, Web 2.0 for Development training workshop at Kizimbani Agricultural Institute, Zanzibar, Tanzania.

- vi) 21<sup>st</sup> – 25<sup>th</sup> November, 2011, Information and Communication Strategy Development training workshop at Kampala, Uganda.
- vii) 1<sup>st</sup> – 3<sup>rd</sup> June, 2011, GBIF Integrated Publishing Toolkit v. 2 (IPT) training workshop at Dar – es – Salaam, Tanzania.
- viii) 4<sup>th</sup> – 12<sup>th</sup> April, 2011, Computerized Accounting Package (Software) Accounting and Inventory training certificate at Maruhubi, Zanzibar.
- ix) 1<sup>st</sup> – 10<sup>th</sup> March, 2010, Remote Sensing and GIS for Biosphere reserve management in the light of Climate Change certificate at Arusha – Tanzania.
- x) July 2009 to August, 2009, CISCO Certified Network Administrator (CCNA) certificates, at MONACO-LAB, P. O. Box 26409, Kampala, Uganda.
- xi) 7<sup>th</sup> November to 2<sup>nd</sup> December, 1994, Certificate Course on MS-Windows certificate at Karume Technical Collage, Zanzibar.
- xii) January, 1993 to June, 1993, International Course on Graphic Design certificate at Graphic Media Development Center, P. O. Box 20014, The Hague, Netherlands.

## **EMPLOYMENT RECORDS, POSITION HELD AND MAJOR ACHIEVEMENTS**

### **1. The State University of Zanzibar (SUZA), P.O. Box 146, Zanzibar - Tanzania (August, 2019 to date). Position held and major achievement:**

- **November 2022 to date:** Deputy Vice-Chancellor Planning, Finance and Administration in the State University of Zanzibar (SUZA). With overall responsibilities for:
  - ✓ all matters pertaining to planning, finance and administration of the university and a principal assistant and responsible to the Vice-chancellor;
  - ✓ directing, organizing and administering of the Administration, Finance and Planning divisions;
  - ✓ managing personnel and personnel matters, the general conduct and staff disciplinary;
  - ✓ Ensuring sound financial controls, timely preparation and implementation of the University's budget;
  - ✓ Guiding on strategic planning to promote learning, teaching, research, consultancy, management and development of the University.
- **November 2022 to date:** Accounting Officer of the State University of Zanzibar (SUZA). With the responsibilities for:
  - ✓ Managing the financial affairs of the public institutions;
  - ✓ Managing institution expenditure by ensuring rules and regulations are followed, cash and bank accounts are maintained;
  - ✓ Managing the asset, liabilities, revenues and expenditures of the public institutions;
  - ✓ Preparing of the annual budget, cash flow and procurement plan of the institution;
  - ✓ Keeping proper records of the financial affairs by preparing and submit monthly, quarterly and annual reports to treasury;
  - ✓ Execution of the procurement and disposal process in procuring and disposing entity.
- **September 2020 to November 2022:** Dean School of Agriculture (SoA) of the State University of Zanzibar (SUZA). The tasks performed were.
  - ✓ Carry out overall administrative roles of School including planning, budgeting, allocation of human and financial resources, coordination facilitation and supervision of all School activities;

- ✓ Control financial resources and procurements of services and goods, ensure all university rules and regulations are followed and school assets identified and well registered;
- ✓ Chairperson of the School boards including financial committee board, academic committee board, moderation board, management committee board and student welfare board;
- ✓ Create conducive environment for student learning and teachers including improvement of teaching facilities and provision of necessary equipments and materials for teaching;
- ✓ Rehabilitation and repair of school infrastructures including water supply and electricity, dormitories and classrooms, offices and toilets, fencing, dairy cattle and poultry farms;
- ✓ Facilitate the review and development of new curriculum of SoA and currently three curriculums reviewed.
- ✓ Establishment of green house, drip irrigation, horticultural farms, fruit orchard, tree and fruit nursery, poultry and rabbits farm, sheep and goats farm, pasture and zero grazing farm, fish ponds and agro-processing unit for production and trainings;
- ✓ Coordinate and supervise the students field practical trainings, outreach programmes, special projects and research, internship programs and entrepreneurship skills;
- ✓ Supervise three master students where two are on agricultural related field and one is on ICT related disciplines;
- ✓ Prepare human resources needs and staff training needs and facilitate capacity building for both academic and non-academic staff of SoA for long and short course trainings where three academic staff carrying the master programs and two administrative staff of whom one finished Certified Public Accounting (CPA) and one certificate course;

**March 2020 to June 2021:** Project coordinator to response to COVID-19 pandemic. Task performed:

- ✓ Development of project proposal, work plan, budgeting and funds mobilization for respond to COVID-19 pandemic;
  - ✓ Coordinate the access of funds from UNICEF, Aga-khan foundation and GPE for the production of digital video subject contents for lower level secondary students (O-level) both for science and art subjects on response to COVID-19 pandemic.
  - ✓ Facilitate training for lower level secondary school teachers on preparation and production of digital video subject contents for teaching and learning where 13 teachers have been trained;
  - ✓ Facilitate and supervise recording and production of the digital video subject contents for lower level secondary students (O-level) both science and art subjects where more than 300 video episodes reproduced and 150 new video episodes produced;
  - ✓ Coordinate broadcasting of the digital video subject contents for O-level students through public (ZBC) and private (Zanzibar cable) television as well as on social media (YouTube) during school closure due to the Covid-19 pandemic for remote learning where more than 300 broadcasted to various medias and supply to secondary schools for teaching and learning;
- **January 2020 to October 2021:** Head, Center for Digital Learning (CDL) of the State University of Zanzibar (SUZA). The task performed:
    - ✓ Planning, budgeting and supervision of staff and daily performance of center activities;
    - ✓ Identify staff and knowledge needs for implementation of the Center that lead to employ three new qualified staff;
    - ✓ Create collaboration with funder partners (UNICEF and AgaKhan Foundation), mobilize funds from partners for procurement of devices and running the center activities;
    - ✓ Registration and operation of SUZATV to enable broadcasting of the digital video subject contents be available to students at all time.
  - **August 2019 to date:** A fulltime Lecturer at a School of Agriculture (SoA) Kizimbani campus of SUZA on various agriculture related programs. Task performed:

- ✓ Lecture Agricultural education and extension, ICT application and Research Methodology and others related course modules to Bachelor of Science in General Agricultural students.
- **December 2019 to date:** Subject Project Lead (ICT) of the Zanzibar Improving Students Prospects Project (ZISP) at SUZA: The task performed:
  - ✓ Coordinate and supervise the trainers and trainings of lower level secondary school teachers of Mathematics, Science and English (MSE) in Zanzibar on use of ICT to improve the quality of instruction and learning environment for O-level students.

**Collaboration and network with other academic, financial and agricultural organization both national and international:**

**1. Nationally:**

- ✓ Ministry of Agriculture, Irrigation, Natural resources and Livestock Zanzibar provide its staff to assist in teaching in our school as well as offer the school opportunity to use its research institutions and related department for practical training of our students;
- ✓ Sokoine University of Agriculture (SUA) offer its lecturers to assist in teaching in our school as well as provide its curriculum used in teaching of BSc Agricultural General Course;
- ✓ World vegetable center - Arusha, provide sponsorship to our three staff and six students from SoA to attend a workshop on indigenous vegetables for nutrition at Arusha on January, 2021 as well as conducted other training on preservation and production of indigenous vegetable at Kizimbani where our seven academic staff attended on June, 2022;
- ✓ Livestock Training Agency (LITA) allow its nine tutors from different LITAs campuses to visit in SoA on March, 2022 and seven staff from SoA also visited three LITAs campuses on May, 2022 to share experiences and skills in teaching, students admission and registration, supervision of examinations as well as 14 students from LITA carried out field practical at SoA;
- ✓ Sustainable Agriculture in Tanzania (SAT) allows our nine staff to visit at their training centers and offers short courses training on organic farming to our two staff at its training center – Morogoro on June 2021;

**2. Internationally:**

- ✓ African Students and Alumni Forum (ASAF) visited SUZA for creating awareness on their programs, and invited us to attend their public conference conducted in Dar – es Salaam on June 2022.
- ✓ North-eastern University, Boston from USA sent its 32 students and 2 professors to visits SUZA and interaction with our students and have a public lecture on climate change adaptation in Agriculture on June, 2022;
- ✓ The Eskişehir Osmangazi University in Turkey sign agreement in 2019 and sent its two lectures to visit and share experiences with our teachers in teaching and administration of agricultural schools/faculties on May, 2022;
- ✓ The Timisoara University, Romania, sent its delegation to visit SoA and sign preliminary cooperation agreements on February, 2022;
- ✓ Agrostudies agency of Israel through the Ministry of Foreign Affairs and East African Co-operation - Tanzania managed to send 11 students to Israel for internship program in January 2022 and expected to send others 24 students in this September, 2022;
- ✓ USAID provide financial support for the establishment of climate smart agriculture technologies and practices demo plots at SoA and offers Training of Trainers (ToT) to our five (5) academic staff on climate smart agriculture and nutrition in Morogoro on September, 2019;

**2. Ministry of Agriculture, Livestock and Natural Resources, P.O. Box 159, Zanzibar - Tanzania (February 1991 to July 2019).**

## **Position held and major achievement:**

- **November 2009 to July 2019:** Head of Information and Communication Technology (ICT) unit at the Ministry of Agriculture, Natural Resources, Livestock and Fisheries, Zanzibar as a Chief ICT Officer. The task performed:
  - ✓ Coordinating, planning and budgeting for ICT unit requirements to facilitate collection, preparation, documentation and dissemination of agricultural information to extension agents and farmers through various medium;
  - ✓ Train the agriculture stakeholders through the use of ICT to facilitate accessibility of agricultural information;
  - ✓ Coordinate collection of agricultural information, preparation of agricultural publications (newsletter, leaflets, posters, booklets, manuals etc), production of TV/video and Radio programs and distribution through various media(TVs, Radios, Kilimo website and social medias) for training farmers on the agricultural technologies;
  - ✓ Executive editor and graphic designer for the production of agricultural publications and TV/Radio programs produced in the Ministry of Agriculture, Natural Resources, Livestock and fisheries;
  - ✓ Carried out supervision, provide technical assistance and advisory services on the Ministry on the use of ICTs in agricultural trainings;
  - ✓ Coordinate and conduct staff trainings on the uses of ICTs facilities in collection, preparation, storage, retrieve and distribution of agricultural related information including media design and production, networks, computers, website and databases;
  - ✓ Participate in preparation and evaluation of ICTs devices and facilities (hardware and software)specification for procurements;
  
- **January 2010 to September 2012:** Head of ICT and Senior tutor at Kizimbani Agricultural Training Institute (KATI). The following tasks performed:
  - ✓ Administration, Planning, budgeting, supervision and establishment of the computer laboratory;
  - ✓ Coordinate procurement of ICT equipments and devices, maintenance and prepare ICT teaching materials;
  - ✓ Teaching ICT courses to certificates and diploma students on introduction to computer and application of ICT in Agriculture;
  - ✓ Ensure agricultural students and teachers are effectively use ICT technologies in learning and teaching to manage access of learning materials online.
  
- **December 2005 to December 2006:** Head of Agricultural Extension Services as a Chief Agricultural Extension officer at the Commission of Agriculture, Research and Extension of the Ministry of Agriculture, Livestock and Environment, Zanzibar. The post undertake the following task:
  - ✓ Coordinate planning, budgeting for agricultural extension services and trainings to Regional and District Agricultural Development office to facilitate technology transfer to the farming communities and control misuse of financial resources.
  - ✓ Coordinate the preparation of the agriculture extension teaching and training materials for extension agents and farmers on use of improved agricultural technologies;
  - ✓ Organize and facilitate farmer trainings through field visits, field days and exchange visits for sharing of knowledge, skills and experiences on improve agriculture practices.
  - ✓ Link farmers to the research institutions to facilitate problem solving and adoption of new agriculture technologies
  - ✓ Preparation of quarterly and annual progress reports for agriculture extension activities.
  
- **December 2005 to December 2006:** Project Coordinator of Urea Molasses Mult-nutrient Block (UMMB) Project financed by FARM-Africa and implemented under the Commission of

Agriculture, Research and Extension of the Ministry of Agriculture, Livestock and Environment, Zanzibar. The post carries the following duties:

- ✓ Prepare budget and allocate financial resources for project implementation to all five (5) project sites namely Mpapa and Mjonga at Kati district and Fuoni at Magharibi B district of Unguja; Machomane and Vitongoji at Chake Chake district in Pemba.
  - ✓ Coordinate and facilitate training of livestock keepers on the preparation and feeding of dairy cattle with the UMMB to improve nutrition and health status of the animals as well as to increase milk production.
  - ✓ Coordinate and facilitate the construction of the permanent Farmer Field School (FFS) and procurement of necessary equipments and materials for production of UMMB at all project site;
  - ✓ Coordinate and facilitate formation and registration of livestock keepers groups and SACCOSs for better access to financial resources and agriculture inputs.
  - ✓ Supervise the project implementation plan and activities, review the budgets, work plans and prepare project implementation reports;
- **June 2002 to December 2006:** Head of Agricultural Information Communication and Education (ICE) Unit at the Commission of Agriculture, Research and Extension of the Ministry of Agriculture, Livestock and Environment, Zanzibar. The post undertakes the following specific duties:
    - ✓ Planning, budgeting and control of financial resources for production and dissemination of the communication materials;
    - ✓ Coordinate collection of agriculture information and photographs for production and distribution of monthly agricultural newsletters and other publications for agriculture extension agents and farmers education
    - ✓ Coordinate video shooting and radio recording of agriculture activities for production and broadcasting of agricultural radio and TV programs to improve agriculture education and technologies transfer to all stakeholders;
  - **February 1991 – September 1999:** Graphic designer within the Agricultural Extension Division. Worked as a counterpart of the Graphic Designer Expert from Germany Development Services (DED) on design and production of agriculture training materials.

#### **NATIONAL CONSULTANCY AND SPECIAL WORKS RELEVANT TO THE ASSIGNMENT**

- **November 2018 to June, 2021:** M&E and communication focal person of the Building Capacity for Resilient Food Security Project in Tanzania specifically on Climate Smart Agriculture financed by USAID implemented in Zanzibar under the Ministry of Agriculture, Natural Resources and Livestock and Fisheries. The task involved:
  - ✓ Prepare supervision plans and budgets for M&E of the CSA project activities;
  - ✓ Participate in regular supervision visits at the project sites to measure the performance and advice for progression;
  - ✓ Coordinate collection, preparation and production of CSA news articles/video/radio documentaries and facilitate dissemination to a large public through public TV, radio, social media and Kilimo website;
  - ✓ Coordinate production of radio and TV programs for Climate Smart Agriculture (CSA) trainings, awareness and dissemination
  - ✓ Organize media training on CSA, farmer trainings, field days and exchange visits for sharing experiences, knowledge and skills on CSA;
  - ✓ Participate in quarterly implementation Committee Meetings (ICM)
- **November 2014 to October 2018:** carried out PhD studies at Sokoine University of Agriculture (SUA). The task performed was:
  - ✓ Conduct research on use of mobile phones to communicate cassava, banana, dairy cattle and chicken production, marketing and weather information with extension agents in Magharibi 'A' district of Zanzibar;

- ✓ Assist in teaching and supervising practical trainings and examination of the undergraduate and master students at SUA.
- **August 2014 to December 2014:** Employed by FAO Tanzania as a National Consultant - IT Specialist in the Project of Support to the Aquaculture Subsector of Zanzibar (*TCP/URT/3401*). The performed assignment were:
  - ✓ Prepare work plan, budgets, training needs, data collection tools and carried out supervision of the project implementation;
  - ✓ Design and development of an electronic information system (web-based database) for sub-sector in Zanzibar;
  - ✓ Train fisheries staff on use of GPS to allocate and measure the aqua farms, aquaculture data collection and using the system to register the aqua farms and farmers;
  - ✓ Manage to register aquaculture farms (seaweed and fish ponds) and farmers other related information in the system.
- **September, 2012 to March 2014:** IT and communication Specialist in the Tanzania Constitutional Reform Commission (CRC). The task performed were:
  - ✓ Planning, budgeting and supervising the CRC system and network connections for constitution reform forums;
  - ✓ Facilitate the constitutional reform forums to take place more effectively;
  - ✓ Collect the forum events in form of photographs, voices and videos recording, synchronize and upload them to the CRC database system;
  - ✓ Analysis and interpret the collected forum information for decision making on development of proposed constitution.
- **October 2011 to December 2011:** Employed by FAO Tanzania as a National Consultant - Social Communication Expert in the formulation of the Zanzibar Food Security and Nutrition Social Communication Strategy; 2012 – 2015 (Project: *GCP/INT/087/GER*). The assignment performed were:
  - ✓ Planning, budgeting for awareness creation, staff training, communication and dissemination of food security and nutrition status in Zanzibar;
  - ✓ Create awareness to public and staff trainings on food security and nutrition status in Zanzibar;
  - ✓ Developing a three years (2012 - 2015) Zanzibar Food Security and Nutrition Communication Strategy and its implementation Plan.

## **SPECIAL ASSIGNMENTS**

- From 2018 to 2021: Team member in the formulation of the Zanzibar Agricultural Sector Development Programme (ZASDP);
- From 2018 to 2021: Team member in the revision of Agriculture Policy of 2012 and formulation of the new Zanzibar Agricultural Sector Policy;
- From 2010 to 2015: Team Member in the formulation of Agriculture Monitoring and Evaluation Framework;
- From 2005 to 2010: Team Member in the formulation of Agriculture Support Services Programme (ASPP), IFAD-funded;

## **MEMBERSHIP OF PROFESSIONAL BOARDS**

- **From 2020 to date:** member of the Tanzania Climate Smart Agriculture Alliance (TCSAA).
- **From 2020 to date:** member of SENATE of the State University of Zanzibar (SUZA).
- **From 2020 to date:** member of Deans and Director Committee meetings of SUZA
- **From 2020 to date:** Member of the Human Resource Board of SUZA
- **From 2020 to November, 2022:** Member of the Tender Board of SUZA

- **From November, 2022 to date:** Member of the Planning and Finance Board (SUZA)

## OTHER CONSULTANCY ACTIVITIES CONDUCTED

- i) Designed and development of the **"Zanzibar Rice Market Platform"** to communicate and disseminate rice marketing information to strengthen rice value chain in Zanzibar, under IRPP of Ministry of Agriculture, Natural Resources, Livestock and Fisheries, June 2015.
- ii) Designed and development of the **"Membership Database"** for registration, communication and dissemination information under the Zanzibar Global Funds Country Coordinating Mechanisms (ZGFCCM) within the Office of the Second Vice President, Zanzibar; March 2014.
- iii) Designed and development of the **Website of the Department of Forestry and Non-Renewable Natural Resources (DFNR)** Zanzibar for dissemination forestry, fruits, natural and non-renewable resources of Zanzibar; February, 2014 (link: [www.forestryznz.or.tz](http://www.forestryznz.or.tz)).
- iv) Designed the **"Database"** for the Community Forest Management (COFMA) Project under CARE - Tanzania, Zanzibar; July 2012.
- v) Graphic design, layout, develop artworks, posters, leaflets, road banners and stickers on **"Transmission and Prevention of HIV/AIDS within the Zanzibar"** for students, youths, married, prisoners, religious leaders, commercial sex workers etc under the Zanzibar Aids Commission (ZAC); April 2011 to June 2018.

**NB:** All materials designed were in Kiswahili language except websites and databases have some English language.

## PUBLICATIONS

- Waheed Sanya, Hashim Chande, and Haji Ali Haji "Maize Lethal Necrosis Disease Detection for Maize Crop Real-Time Prediction Yield Modeling through Colour Pixel Feature". International Journal of Computer Applications 183.18 (2021).

## ADDITIONAL SKILLS

- **Experienced in writing skills** in a variety of contexts (project proposals, reports, minutes, Policy briefs, press release, budget speech, newsletters etc).

## ESSENTIAL SKILLS

- Coordination, facilitation, planning, budgeting, training and supervision skills;
- Provide specification and evaluation for ICT hardware and software requirements for procurements;
- Lecturing, training and presentation skills in the field of agricultural and ICT;
- Monitoring and evaluation skills;
- Computer maintenance and troubleshooting skills and use of various multimedia, social media, publishing software and web development software;
- Computer skills on Microsoft Offices, Data analysis, InDesign, Photoshop, Illustrator, Networking, Database and Website design, Internet & Email.

## ADDITIONAL INFORMATION



**REFEREES**

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