

A PROFILE
OF
**ALAGE AGRICULTURAL VOCATIONAL
TRAINING COLLEGE**

Contents

- 1. General information 3
- 2. Administration and organization..... 3
 - 2.1. Vision and mandates 3
 - 2.2. Campus organization 3
 - 2.3. Human resource 4
- 3. Academic program..... 4
- 4. Technology multiplication and transfer program..... 7
- 5. Other Services..... 8
- 6. Partnerships..... 8

1. General information

Alage Agricultural Technical and Vocational Training has been established in 1994 E.C to focus on producing highly competent midlevel professionals and entrepreneurs in agriculture sector for increasing agricultural productivity and improving the quality of life in rural areas. The college is also guiding extension functionaries at district and kebele level for development of agriculture and allied sectors and transfer problem solving agricultural technologies to the farmers, small and micro enterprises and end users.

The college is located between Oromia regional state and Central Ethiopia Regional state and 214 km far to the south from Addis Ababa.

Alage lies on 2960 hectares of land and is found in the rift valley in the range of 1400 to 1600 meter above sea level. In the area Temperature ranges from minimum 11°C to the highest 34°C and average Rain fall found to be 800 mm.

2. Administration and organization

Vision and mandates

Vision

Alage ATVT college intends to be one of the leading institute in east Africa in terms of its academic quality and agricultural technologies transfer activities

The mandate

- To develop skilled human resources through quality training in different agricultural disciplines
- To copy/ innovate and transfer knowledge and technologies to farmers, small and micro enterprises and agricultural organizations through extension services

Campus organization

- Alage ATVET college is organized into 4 campuses each with their own relevant facilities (class room, student dormitory, student cafeteria, staff residence and relevant laboratories and demonstrations)
- Each campus has a capacity of teaching 1500 students •Therefore; the college has a total capacity of teaching 6000 students
- The distance between the campuses ranges from the least 3 to the highest 9 km

- There is kindergarten, elementary school and high school in the campus that serve for workers' family and surrounding community

Human resource

Table 1: Human resource

S/N	Male	Female	Total
Supportive staff			
1	653	423	1076
Academic staff			
2	180	27	207
Total	833	450	1283

Academic program

- Alage ATVT college provides training in six disciplines, namely: Animal Health, Animal Science, Natural Resource, Plant Science, Small Scale Irrigation and Agricultural Mechanization
- The college has been providing regular and continuous training programs for youths completing 12th grade education joining from all corner of the country, short term training program for farmers, small and micro enterprises and agricultural practitioners
- It hosts internship students and instructors from various colleges and universities
- Until recently the college produced more than 35,000 midlevel competent agricultural professionals (one third of graduates from 25 ATVETs in the country) that are either supporting farmers at grass root level or self-employed entrepreneurs
- Moreover, the college provides competency based short – term trainings for 14000 farmers and on job mid level practitioners

Table 2: Total No of regular trainees who are attending their training

No	Departments	2011 Batch			2012 Batch			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Animal health	175	87	262	235	89	324	410	176	586
2	Animal science	78	109	187	121	79	200	199	188	387
3	Plant science	104	66	170	122	90	192	226	156	382
4	Natural Resources management	78	57	135	155	112	267	233	169	402
5	Agricultural Mechanization	66	17	83	102	25	127	168	42	210
6	Small scale Irrigation development	50	28	78	64	57	121	114	85	199
Total		551	364	915	799	452	1231	1350	816	2166

Total No of CEP trainees who are attending their training

No	Departments	2011 Batch			2012 Batch			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Animal health	145	51	196	86	32	118	231	83	314
3	Plant science	166	116	272	113	96	209	279	212	491
5	Agricultural Mechanization	23	3	25	0	0	0	23	3	26
Total		334	170	493	199	128	327	533	298	931

Total No of Graduates till 2021

Male	Female	Total
24,364	5,638	30,002

- To execute academic activities, the college has own the following main facilities and infrastructures
- These facilities have enabled the college to provide practical oriented training program (70/30) better than other colleges and universities
- Moreover, the facilities have been used by scholar scientists and post graduate students of our partner universities

Laboratories

- There are modern laboratories established in the college that are used for training, research and technology transfer purposed
- The main laboratories of the college include:
 1. **Veterinary laboratories:** these are five in number and named as anatomy, microbiology, surgery, physiology and pharmacology
 2. **Soil & Water Testing Laboratory:** Laboratories for analysis of soil, water and plant samples of field experiments are also functional at different units of the college.
 3. **Plant health clinic:** Plant Health Clinic: Plant health clinic is established at plant science department for diagnosis of plant samples to provide remedial measures to diseases and used as training, research and technology transfer center.
 4. **Animal health clinic:** It is also established in animal health department for diagnosis of diseases and treat cases from college farms and community

Demonstration sites

- For ensuring quality training and technology transfer activities the college has been continuously improving and establishing demonstration sites
- To mention some of demonstration sites: Animal farms (dairy, beef, poultry, piggery, sheep and goat, fishery, apiary, sericulture), horticulture (papaya, mango, avocado, onion, tomato, cabbage, pepper...), crops (soya been, maize and wheat)
- In some of the farms (dairy and sericulture) there are processing units that value add to products.

- From these demonstration sites the college generates on average 21,000,000 ETB per annum.

Library

- The college has four satellite libraries and one well established main library

Information Technology Centre,

- The Information Technology Center at the college caters the demand for the use of Information Technology in the field of agriculture

1. **Technology multiplication and transfer program**

- The college have been given mandate to provide training, advisory services and information to extension practitioners, farmers, and small and micro enterprises and demonstrate the improved technology both “on” and “off” farm
- For enhancing the process of transfer of technology, the college has established strong linkages at zonal, district and community level organizations
- To address this mission, the college has been using Animal farms (dairy, beef, poultry, piggery, sheep and goat, fishery, apiary, sericulture), horticulture (papaya, mango, avocado, onion, tomato, cabbage, pepper...), crops (soya been, maize and wheat)
- Moreover, the college owns about 1800 hectares of cultivable land if water for irrigation is available. In this regard there are 3 water storage ponds of which only one is functional. Research works indicated that there is a high possibility to get underground water in the area
- There is a Jiddo river that flows in the college surrounding throughout the year
- Meteorological unit: in the college there is one well established Agro meteorological unit
- Some of the activities that have been undertaken in the farm include: –capacity building of the farming community, development agents and small scale enterprise owners on dairy herd production & health management practices, –enhancing breed improvement through undertaking artificial insemination and distribution of bulls and heifers, –Introduction & distribution of high-yielding fodder seed and promotion of other

low-cost and socially acceptable technologies. –In addition to this, extensive technology promotion programs have been organized and conducted for beneficiaries

- Moreover, the college is producing quality seed production to farmers to enhance their productivity. It is also one of the major resource generation program of the college. The major seed production is done for bean, cluster bean, maize and wheat etc.

2. Other Services

Health Facilities

- A health centre having qualified professionals provides primary health care services to employees, their families and students residing in the campus

Infrastructure Management

The construction & its related works, repairs & maintenance of buildings & roads, water supply, maintenance of drainage system, electrification, repairing of electrical faults, all these works are looked after by the college

Garage, Wood and metal workshops

The college owns Garage & Wood and metal workshops that maintains vehicles and machineries, produce furniture as well as agricultural technowares. These centers are also used as practical training centers for students and others

Partnerships

The college has strong linkages with governmental and non-governmental organizations to ensure quality training, research and extension activities. To this regard, various partnership projects have been designed and implemented in the last five years. below information about the projects is indicated below.

Bright Future in Agriculture (BFA):

The Bright Future in Agriculture (BFA) Ethiopia is a three-year project funded by the Netherlands Ministry of Foreign Affairs being implemented by the partnership of Maastricht School of Management (MSM) from the Netherlands. Attached to the UN Sustainable Development Goal 2: end hunger through promoting agricultural growth, creating ecologically

sustainable food systems, and increasing water use efficiency in agriculture, the project aspires to impact youth employment and business performances along the agricultural value chains.

Donkeys Sanctuary, Ethiopia

Since 2013, the TDS Ethiopia–Alage ATVET College partnership project has played a transformative role in improving donkey and mule welfare in Ethiopia. Through supporting practical student training, faculty capacity building, community outreach, and the establishment of equine welfare infrastructure, the project has created a foundation for long-lasting impact.

The College has already demonstrated institutional readiness through strengthened human resource capacity, the integration of equine welfare into academic programs, and the continued utilization of infrastructure such as the equine demonstration center and harnessing workshop.

Food security through agricultural mechanization:

The project objective is to increase the number of Ethiopian smallholders who use high-quality mechanization services. Therefore, the project aims at enabling mechanization service providers to deliver improved services to smallholders. This contributes

to improving smallholders' yields and incomes, increasing domestic food production, thereby decreasing the need for food imports and enhancing food security.

Horti-LIFE:

The Horticultural Livelihoods, Innovation and Food safety in Ethiopia (Horti-LIFE) Project, financed by the Netherlands Government and implemented by SNV and Ministry of Agriculture working in partnership. The project, now in its second phase, aims to increase the involvement of some 100,000 smallholders in horticulture by improving productivity, food safety and diversity, access to market and service provision, and also improving horticultural education at vocational and graduate levels. Working in Amhara, Oromia, Tigray and the Southern Nations Nationalities and Peoples regions, the project is partnering with 10 ATVETs in Ethiopia, as well as four universities, two research institutes and 60 commercial service providers.

- 3. Annexes
- i. Dairy farm



በእንሰሳት እርባታ ዘርፍ



የመኖ ልማት አቅርቦት

የእርጥብ ሣር እንክብካቤና ውሃ ማጠጣት ሥራ ተሰርቷል



ቦቶፔር ማሸን የተፈጫ መኖ



ii. Beef farm



iii. Poultry farm



iv.

Water storage pond



Select hybrid maize production



Chia seed farm



v. Fruit farm



የመዝ ምርት



Demo sites & laboratory







Piggery



vi. Sericulture



vii. Bee farming



Goat farm

