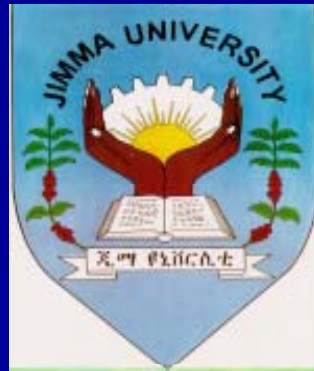




**Jimma University towards
sustainable development
Post-harvest technology and
renewable energy source in
Ethiopia**

Jimma University: An Overview



October 2009

I. INTRODUCTION



GENERAL BACKGROUND

👉 **Jimma University:**
established in December
1999 (JCA, 1952 + JIHS, 1983)

👉 **The founding Faculties are 5**
and are COA, FOPH, FOMS,
FBE and FOT

▪ **Eight faculties and one college**
and one school of graduate
studies



VISION



Jimma University aspires to be the a leading public premier in the country, renown in Africa and recognized in the world.



II. THE PHILOSOPHY OF JIMMA UNIVERSITY - COMMUNITY BASED EDUCATION (CBE)



- CBE is a means of achieving educational relevance to community needs.
- Use the community extensively as a learning environment
- Students but also teachers, members of the community, and representatives of other sectors are actively engaged throughout the educational experience.
- Benefits both the students and the community.



III. COLLEGES OF JIMMA UNIVERSITY



- College Of Agriculture And Veterinary Medicine
- College Of Public Health And Medical Sciences
- College Of Business And Economics
- College Of Technology And Engineering
- College Social Science And Law
- College Of Natural Science.
- School Of Graduate Studies

3.1. COLLEGE OF AGRI. AND VET MED



One of the oldest agricultural colleges in the country

Currently the College Offers Degree Programmes in six Disciplines:

1. Animal Production
2. Crop Production
3. Postharvest management
4. Natural Resource Management
5. Horticulture
6. Agricultural Economics
7. Veterinary Medicine

- Msc in Horticulture
- Msc in plant breeding
- Msc in biotechnology
- Msc in animal production
- Msc in plant pathology





Background:

- Ethiopian agriculture is associated with challenges such as subsistence farming, lack of diversification, pastoral system with low productivity, and high post harvest losses of agricultural products.
- The magnitude of post harvest losses varies from region to region and commodity to commodity. The highest post harvest losses are observed in perishable agricultural products such as fruits and vegetables.

The need

- To attain food security and generate more income, there is a huge potential for reducing post harvest losses and adding value to agricultural products through appropriate post harvest management.
- Furthermore, by converting waste to useful products and Energy, the environment can benefit and its sustainability can be enhanced.

The need

- The need for food science, value added processing and post-harvest technology research is highlighted by the Government of Ethiopia's Plan for Accelerated and Sustained Development to End Poverty, particularly for fruits and vegetables; coffee, tea and spices; and cereals, pulses and oil crops.

What has been done?

- To address this gap Jimma University have designed new training program to be launched 2009/10 Academic year on post-harvest management with the following Objectives:
- To train professionals and farmers in the field of post harvest management
- To conduct demand driven and problem solving research in post harvest management and thereby contribute to the improvement of the national food security and commercialization of agricultural products
- To provide extension services in post harvest management

Future direction

- Efficient reduction of post-harvest losses in Ethiopia requires an integrated and rapid approach of educating and equipping those who are involved in the entire value-chain, introducing a series of post-harvest technologies, improving the existing infrastructure, and marketing and management strategies.
- Given that women are responsible for practically all post-harvest activities in Ethiopia, the training is also targeting a sector that is largely dominated by women

Outcome

- The Post-Harvest Management training designed to Improve Livelihoods and recognizes the insufficient progress made to date in Ethiopia.
- By focusing on reducing post harvest losses, adding value to existing products, changing waste products to resources, monitoring quality and improving products to maintain nutritional quality and achieve export-level standards, this training can contribute to the Ethiopian government's priority of food security and market-oriented agricultural production.

College of Public Health and Medical Science

Established in 1999 & trains professionals with B.Sc. MSc degree in various disciplines.

- 1. Human Medicine**
- 2. Medical Laboratory Technology**
- 3. Pharmacy**
- 4. Dentistry**
- 5. anesthesiology**
- 6. Cataract Surgery**
- 7. Nursing**
- 8. Environmental Health**
- 9. Health Officer**
- 10. Health Education** and 21 Post graduate programs

MEDICAL SCIENCES



The programmes are specially designed to enhance the team approach where in different professionals could work together and make an integrated effort to promote community health care initiatives.





COLLEGE OF BUSINESS AND ECONOMICS



Established in September 1997

Trains skilled professionals who can play pivotal role in the economic and administrative development sector of the country.

Departments:

1. Management
2. Accounting
3. Economics
4. Marketing and Sales Management
5. Secretarial Science and Office mgt
6. Banking & Insurance
7. Information Technology
8. Purchasing and Sales Management





COLLEGE OF TECHNOLOGY AND ENGINEERING

Established in September 1997. Produces professionals equipped with relevant knowledge, skills and attitude that would contribute to the development of the country.

The College has eight departments all offering B.Sc.

1. Civil Engineering
2. Mechanical Engineering
3. Electrical Engineering
4. Water resource engineering
5. Biomedical engineering
6. Computer sciences
7. Library and information sciences
8. Information technology



COLLEGE OF SOCIAL SCI. & LAW



- Established in 2005/06 Ac. Year
- Offering degree in the following programs:
 1. Psychology
 2. Sociology and social work
 3. Oromo folklore and literature
 4. Governance and development
 5. Law
 6. Geography and Environmental science
 7. History and heritage studies
 8. Languages (English, Amharic, Afan Oromo)



SCHOOL OF LAW



Established in 2002 with its first intake of 158 students in the advanced diploma program.

School aims at training legal human power for the country to meet the ever increasing need in society for persons skilled in Law with an ultimate goal of strengthening the rule of Law in an emerging democracy.

Trains law graduates both at the Advanced Diploma and LL.B levels

Provides continuing legal education & extension services



COLLEGE OF NATURAL SCIENCE



- Established in 2005/06 Ac. Year
- Offering BSc degree in the following programs:
 1. Biology
 2. Chemistry
 3. Physics
 4. Mathematics
 5. Statistics



SCHOOL OF GRADUATE STUDIES (SGS)



College of Public Health and medical Sciences

1.	Epidemiology	MPh	
2.	Health Service Management		MPh
3.	Health Education	MPh	
4.	Reproductive Health	MPh	
5.	General Public Health	MPh	
6.	Health monitoring & Eval.	MPh	
7.	Environmental Sci. &Tech.	MSc	
8.	hospital and health care adm.		MPh
9.	Adult Nursing	MSc	
10.	Pediatrics	Specialty	
11.	Obstetrics and Gynecology	Specialty	
12.	Internal Medicine		Specialty
13.	Ophthalmology	Specialty	
14.	Surgery	Specialty	
15.	medical microbiology	Msc	
16.	pathology	Msc	
17.	Medical parasitology	Msc	
18.	Clinical Pharmacology	Msc	
19.	Human Physiology	Msc	
20.	Emergency surgery and Obstetrics	Msc	



INSTITUTE OF PEDAGOGY & EDUCATION

Objective:

- to train competent teachers for secondary and preparatory schools

Departments:

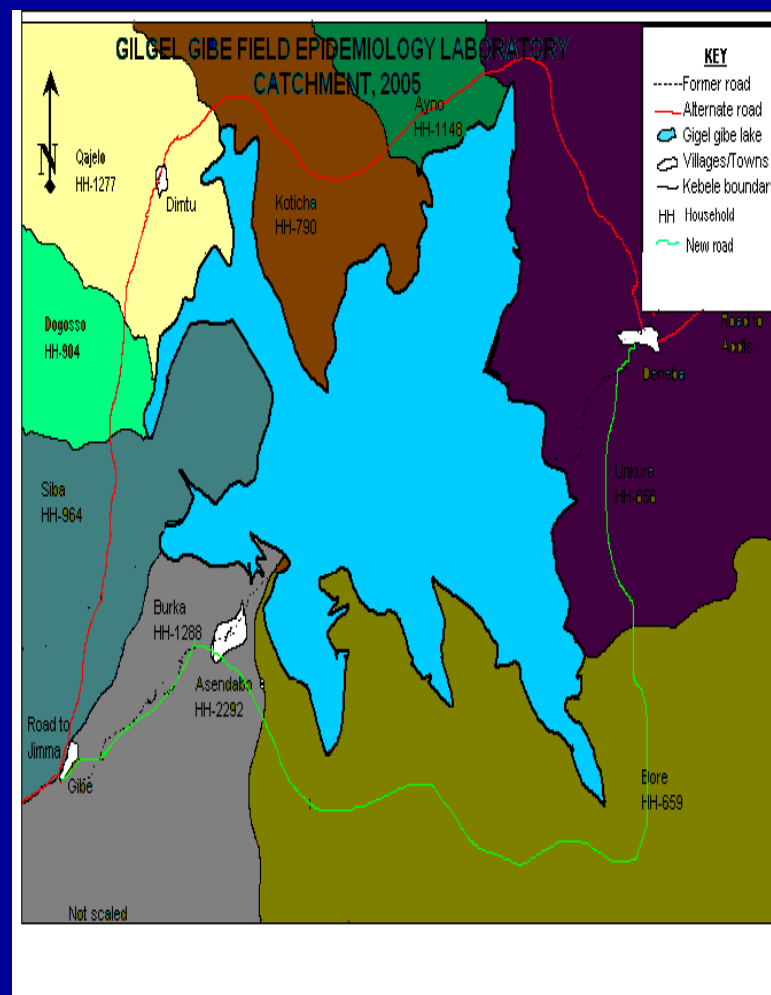
1. Amharic
2. Afan Oromo
3. English
4. Geography
5. History
6. Biology
7. Physics
8. Chemistry
9. Mathematics.
10. educational planning and management





Health sciences research institutes

- Established in 2006
- Aims:
 - Enhance research culture in JU
 - Render support on research methods and analysis to senior students, staff and all partners
 - Establish field research center
 - Integrate and make a concerted effort on health sciences research undertakings to address national priority problems
 - Contribute to JU's attempt to be center of excellence in health sciences
 - Disseminate research findings through different means



LIBRARY AND DOCUMENTATION SERVICE (LDS)

The University has seven Branch Libraries

They have a total collection of 131,715 monographs, texts, journals, magazines and databases.

The University Libraries are open for 24 hours (Monday–Saturday)

Full-text journals online and other types of electronic resources are available through PERI, HINARI and NLM in collaboration with INASP, WHO and NIM.



Statistical information, 2009



1. Student Enrollment

Total student population (2009) = 32,948. Of these,

Male = 26399

Female = 6549

2. GRADUATES

So far the university has graduated more than 26,000 students.

3. Staff Profile

The University has a total of 1920 staff, out of which:

1078 → Academic staff

193 → Health professionals

1541 → Administrative Staff

INTERNATIONAL LINKAGE



JU is a full member of the International Network Towards Unity for Health.

It has also institutional relationships and co-operation with universities and research institutions in other parts of the world.

Some of them are:-

VILR Belgium universities

Brown University (USA)

Canadian Network for International Surgery (Canada)

Rostock University (Germany)

Ludwig-Maxmillian University (Germany)

Menschen fur Menschen (Austria)

Nottingham University Hospital (UK)

THET (UK)

Yale University (USA)

Tulane University (USA)

Nova Scotia Agricultural College (Canada)

Utrecht University (The Netherlands)

Wageningen university (The Netherlands)



THANK
YOU!

