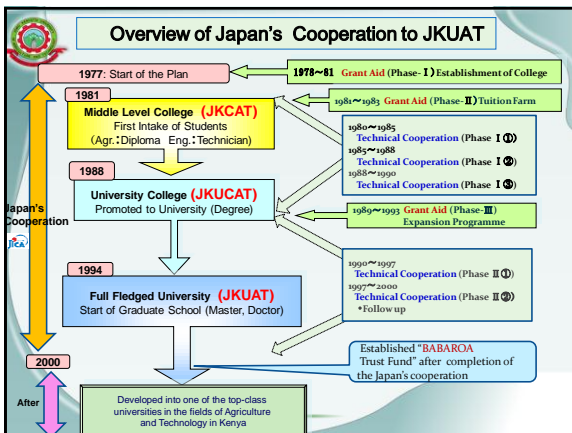


University Vision

A University of global Excellence in **Training, Research and Innovation** for Development



SUPPORT BY JAPANESE GOV. THRU. JICA

- Construction of classrooms and offices
- Installation of modern equipment
- Training of staff
- Support for research activities
- In-country training
- Babaroa awards to excellent students now run by the university.

JICA Project (On-going) (Bright Project)

- Renewable Energy Project <Research, Education and Trainings>
- Socio-Economic Empowerment Training for Women
- Pan African University under JKUAT <to be implemented soon> (PAUISTI: Post Graduate Course)

JICA/JKUAT Renewable Energy Project

Bright Project

Asikaga Institute of Technology, Osaka City University

- **Wind Energy**
Efficient Rotor Blade for Small Wind Turbine, Wind Energy for Mechanical Purposes
- **Solar PV**
Kenyan Designed Solar Home System
- **Biomass**
Hyacinth as a Biogas Feedstock, Thermal Gasification of Rice Husks
- **Hydro-power**
Turbine for Small Hydro-power, Hydro Energy Conversion
- **Training**
Training of Trainers(TOT) Course on Solar PV Technology
- **Collaboration with Stakeholders**

Kenya Oishii Project

Nissin Foods Holdings @ JKUAT

JKUAT Nissin Foods Limited

May/2012 @JKUAT

Babaroa award scheme to excellent students



Babaroa Trust meeting held at JKUAT



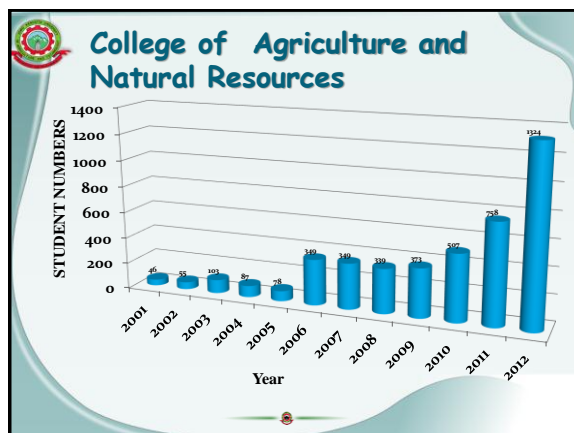
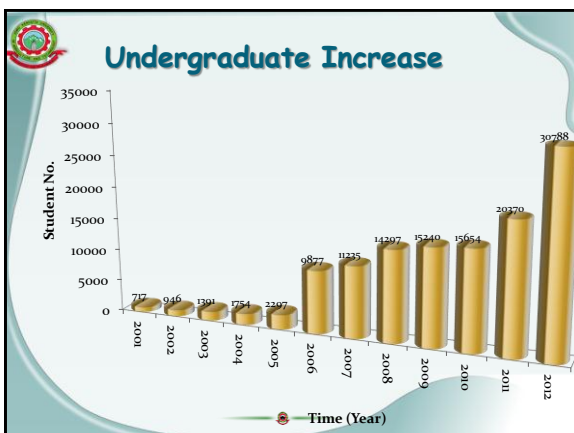
Retired president Daniel Arap Moi and Japanese experts during the JKUAT project implementation period.

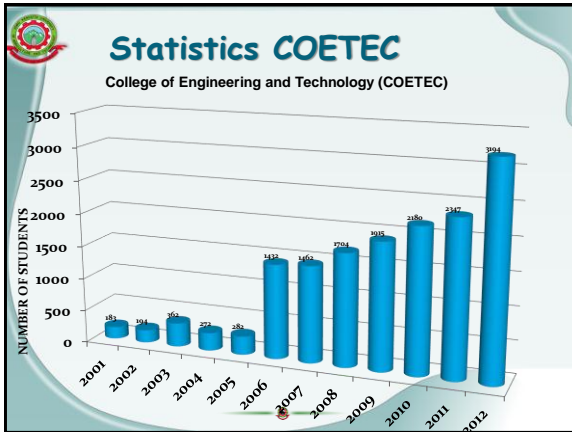


Prime Minister Yoshiro Mori with women farmers at JKUAT in the year 2000. Looking on is retired president Moi and top government officials.

CHALLENGES OF HIGHER EDUCATION

- Inadequate Facility for Training and Research
- Infrastructure
- Human Resource Capacity
- Brain Drain
- Staff/student Ratios
- Low Investment on Higher Education





- ### JKUAT Campuses
1. Juja - Main campus
 2. Karen Campus, Nairobi
 3. Nairobi Campus
 4. Nairobi Central Business District
 5. Mombasa Central Business District
 6. Kitale
 7. Kisii Town
 8. Nakuru
 9. Arusha (in Tanzania)
- 5-Jun-13 ISO 9001:2008 Certified

- ### Constituent Colleges Mentored by JKUAT to University Status
1. Kimathi University College of Technology (KUCT) in Nyeri.
 2. Mombasa Polytechnic University College
 3. Meru University College of Technology (MUCT)
 4. The Kenya Multimedia University Nairobi.
- 5-Jun-13 ISO 9001:2008 Certified

- ### JKUAT is currently Mentoring Constituent Colleges
1. Taita Taveta University College of Technology, Voi
 2. Cooperative University College
 3. Muranga University College of Science and Technology
 4. Kirinyaga University College
- 5-Jun-13 ISO 9001:2008 Certified

Collaboration and Partnership

Representatives from Yamagata University going through proceedings at the audio Visio5 centre in JKUAT

Prof Sakamoto from the Okayama University addresses the workshop on rice held in Nairobi under Kenya rice researchers forumUniversity

Collaboration and Partnership

Representative from molecular biology lab, soil lab and plant breeding during the rice project workshop held in Nairobi.

AMBITIONS OF HIGHER EDUCATION IN AFRICA

**Continental Higher Education System
Harmonised Resource Utilisation
Regionalised Curriculum (eg RUFORUM)
African wide staff student Mobility**

RESEARCH

- NEPAD initiatives
- African Union commission

EDUCATION

- Student staff mobility
- PAU
- INTRA-ACP
- CUSAC
- RUFORUM
- IAESTE
- IUCEA
- ODEL

Facility

- ILRI BECCA Hub
- Nelson Mandela University

WITHIN AFRICA STUDENT MOBILITY

DAAD

Deutscher Akademischer Austausch Dienst
Servicio Alemán de Intercambio Académico

Pan African University(PAU)

	AU				
	Rector				
	East	West	Central	North	South
Fields	PAU	PAU	PAU	PAU	PAU
	Basic Sciences, Technology and Innovation (ISTI)	Life and Earth Sciences	Governance, Humanities and Social Sciences	Water and Energy Sciences (Climate Change)	Space Science
	PAUISTI				
Host Country (HC)	Kenya	Nigeria	Cameroon	Algeria	Not yet identified
	JKUAT	Univ. of Ibadan	Yaounda II	Univ. of Tlemcen	Not yet identified
Lead Thematic Partner (LTP)	Japan	India	Sweden	Germany	Not yet identified

Examples of Innovation Activities at JKUAT

JKUAT Biotechnologies

Tissue-culture Aloe vera

Tissue culture banana seedlings

Oyster mushrooms

5-Jun-13 ISO 9001:2008 Certified Source: JKUAT Presentation PPT(Feb.2012)

Examples of Innovation Activities at JKUAT

JKUAT Chemistry Technologies

Anti-termite wood paint

Herbal soap - from Aloe vera and Neem

5-Jun-13 ISO 9001:2008 Certified Source: JKUAT Presentation PPT(Feb.2012)

Examples of Innovation Activities at JKUAT

JKUAT Building Technologies

Rammed earth constructions



Rammed wall



Compressed earth blocks



Block



5-Jun-13 ISO 9001:2008 Certified

Source: JKUAT Presentation PPT(Feb.2012)

Repositioning

Health

Food Security

Environmental conservation

Training, Research, Innovation and Technology Transfer

Infrastructure Development

Technology Incubation

Accessible Housing

ICT

Water




5-Jun-13 ISO 9001:2008 Certified

Thank you

