

# **Strengthening Campus-Communities Relationship through Extension Education and Advisory Services**



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**Siem Reap, Cambodia**

**30.10.2017**

**YAU was founded on 22<sup>nd</sup> December 1924 as “Burma Agricultural College & Research Institute”**



# LOCATION



- Near Yezin village, Nay Pyi Taw
- Mid-Myanmar
- Transitional Agro Climatic Zone
- 283 km from Mandalay
- 410 km from Yangon



# OUR VISION

**To be a prime mover of  
agricultural and rural development  
in Myanmar through  
human resource development and  
a national supplier of  
scientific knowledge and technology  
innovation**



## OUR MISSION

**To educate and train the national human resources to be professional agriculturists who will provide leadership to institutions in the agricultural sector and, in addition, supply science and technology and contribute to national and regional growth and development of agriculture**



# OUR MOTTO

**“DEVELOPING THE NATION THROUGH  
AGRICULTURAL SCIENCE AND EDUCATION”**





# FUNCTIONS OF YAU

**1. Training**

**2. Research**

**3. Extension**



# ACADEMIC DEPARTMENTS

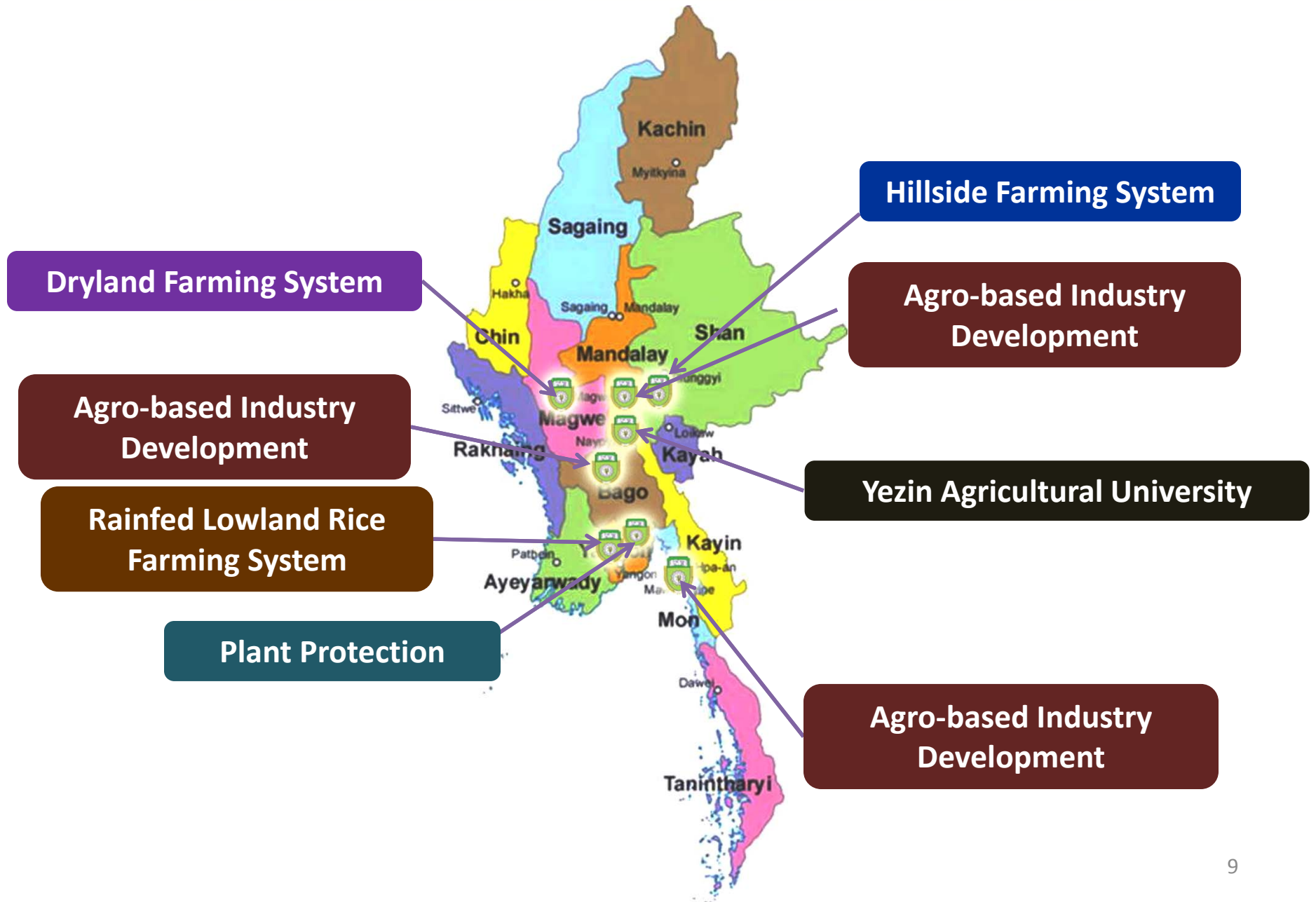
- (1) Department of Agronomy**
- (2) Department of Agricultural Botany**
- (3) Department of Agricultural Chemistry**
- (4) Department of Plant Pathology**
- (5) Department of Entomology and Zoology**
- (6) Department of Horticulture**
- (7) Department of Agricultural Economics**
- (8) Department of Animal Science**
- (9) Department of Agricultural Engineering**
- (10) Department of Agricultural Extension**
- (11) Department of Food Science and Technology**
- (12) Department of Agricultural Biotechnology**



- (1) Department of Myanmar**
- (2) Department of English**
- (3) Department of Physics**
- (4) Department of Mathematics**



# OUTREACHED CAMPUSES OF YAU



# CURRICULUM

	DEGREE	RESIDENCY (YEARS)	NO. OF STUDY PROGRAM
1	B.Agr.Sc.	5	7
2	Postgrad Dip.Agr.Sc.	1.5	7
3	M.Agr.Sc.	3	7
4	Ph.D.	5	7
5	M. Phil.	2	7

Medium of instruction : English

- **YAU could not able to offer extension education subject for 60 years**
- **The agriculture extension was taken by Agronomy Department as part of the Agronomy subject at those years**
- **Around 1985, AE was promoted as a separate subject for teaching under and post-graduate classes within the Agronomy subject areas**
- **In the near future, the AED will be established to take responsibility of teaching and production of agriculturists with extension education background.**



# Academic-Farmer Research Partnerships

- JICA Technical Cooperation Programs
- ACIAR Projects
- ACARE Project (Advanced Centre for Agricultural Research and Extension)
- SAPA (Sustainable and Affordable Poultry for All)
- Action Aid



**ACIAR**

Research that works for developing countries and Australia

[aciar.gov.au](http://aciar.gov.au)



**act:ionaid**





## **PRA Training and field trip**



# Increasing productivity of legume-based farming systems in the Central Dry Zone of Myanmar



**ACIAR**

Research that works for developing countries and Australia

[aciarc.gov.au](http://aciarc.gov.au)

## ➤ On-farm trials

**Evaluation on Performance of Pigeon pea Varieties in Central Dry Zone of Myanmar**

## ➤ Communication channels used by pulses growers in CDZ of Myanmar







Sustainable and Affordable  
Poultry for All

## Sustainable and Affordable Poultry for All (SAPA) Project

- Baseline study
- Corn on-farm trials, Demonstration plots and field day
- Train corn GAP to 2500 corn farmers until 2020





## On farm trials in CDZ

- Effect of seed rates on yield and yield components of three varieties of chickpea (*Cicer arietinum* L.) in Seikphyu township, Magway region
- Evaluation on agronomic performance of cowpea (*Vigna unguiculata* L.) varieties at Seikphyu township, Magway region
- Evaluation on performance of chickpea (*Cicer arietinum* L.) varieties at Seikphyu township, Magway region

- ❖ In collaboration with IARI, India, YAU is planning to establish 4 village knowledge centers in rice and pulses growing areas (Nay Pyi Taw region)
- ❖ Knowledge Management in ACARE (Agri. Extension through ICT)





**YAU is more emphasis on teaching and training of YAU graduates as extension agents rather than directly deals with agricultural production and farmers.**



# YAU-Extension Education to Farmers

## Crop Management Training



# Conducting On-Farm Trials





# MEDIA PRODUCTION OF YAU “FARMERS CHANNEL”

## Broadcasting Farmer Channel



# Challenges and Opportunities

## Challenges

- Insufficient number of highly qualified new generation specialized in Agricultural Extension
- Need to aware of university based farmer extension service by teaching staff of YAU
- Improvement and upgrading of infrastructure
- Unorganized research team from different disciplines

# **Challenges and Opportunities**

## **Opportunities**

- **New establishment of Department of Agricultural Extension**
- **Outreach campus from various agro-ecology zones**
- **Collaboration with International and national organizations**
- **Broadcasting Farmer Channel to dissemination of innovative agriculture**
- **Village knowledge centres under ACRE**

# **Needs for Curriculum Development and Activities**

- Development of new and improvement of curriculum based on agro-ecological zones in different areas of study**
- In- country trainings**
- Short-term trainings**
- Long term trainings (Post graduate courses)**



# Conclusion

- **Yezin Agricultural University (YAU), only one higher agricultural educational institution in Myanmar**
- **Main producer of human resources for the agriculture and relevant sectors**
- **Contributing to extension activities in some extent**
- **To upgrade on teaching, research and extension activities and capacity building of YAU staffs, we would like to sincerely request for further contribution and support from all agencies and program both regional and international.**

# THANK YOU

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