



VNUA Vietnam National
University of Agriculture



VIỆN CƠ ĐIỆN NÔNG NGHIỆP VÀ CÔNG NGHỆ SAU THU HOẠCH
Vietnam Institute of Agricultural Engineering and Post Harvest Technology



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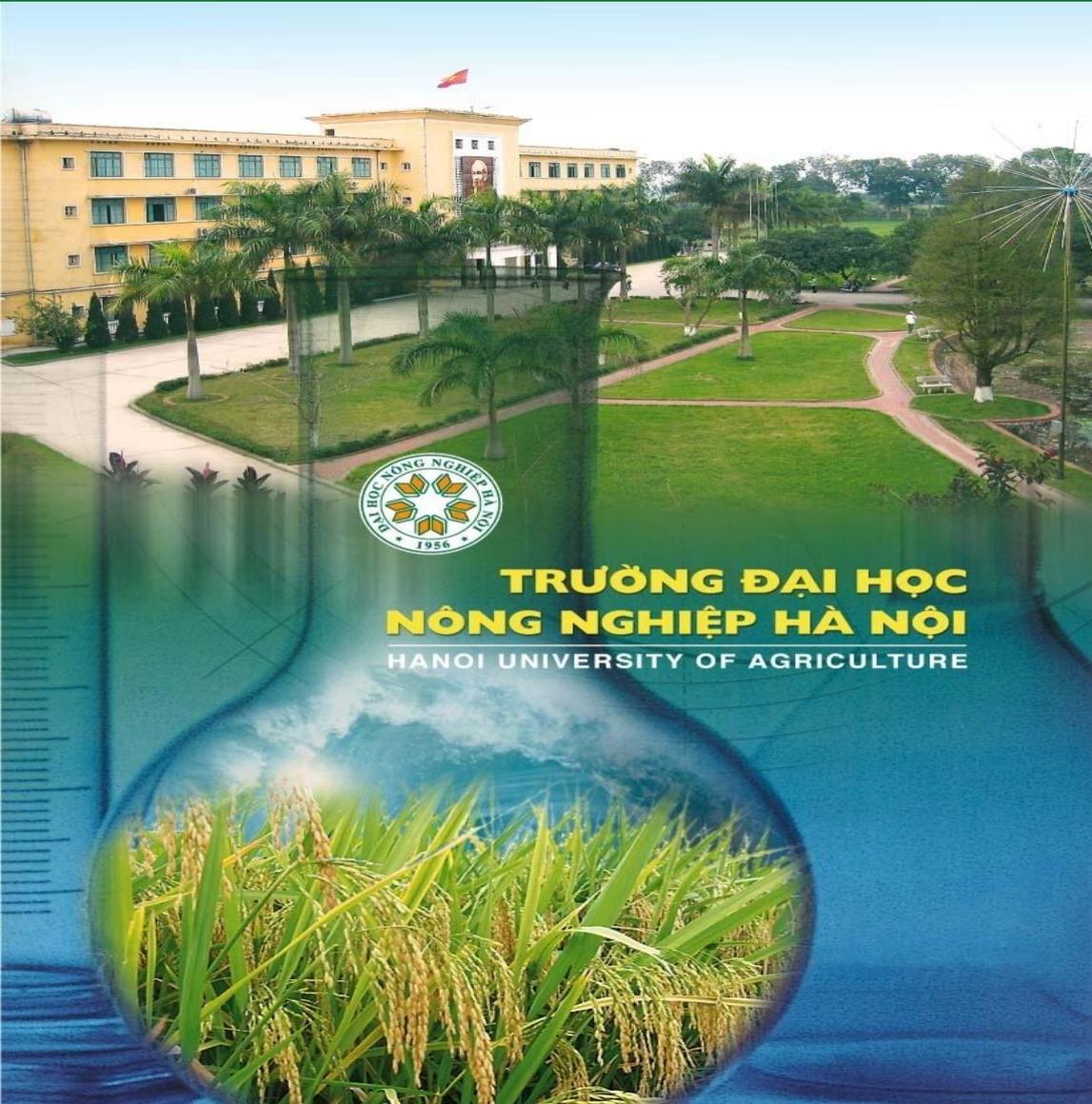
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HỌC VIỆN NÔNG NGHIỆP VIỆT NAM
VIETNAM NATIONAL UNIVERSITY OF AGRICULTURE



**TRƯỜNG ĐẠI HỌC
NÔNG NGHIỆP HÀ NỘI**
HANOI UNIVERSITY OF AGRICULTURE

60

12/10/1956

INTRODUCTION

VIETNAM NATIONAL UNIVERSITY OF AGRICULTURE

Agricultural
University No 2
(1967)

Forestry
University
(1965)

Vietnam Academy
of Agricultural
Science
(1963)

- Agricultural University No. 1

- University of Agriculture

- Jose Marti University

- Hanoi University of Agriculture

Agricultural
University No 4
(1975)

Agricultural
University No 3
(1969)

Fisheries
University
(1966)

AGRO-FORESTRY
UNIVERSITY
(12/10/1956)

- ❖ One of the first four Universities founded by Ho Chi Minh in 1956
- ❖ Prof. Bui Huy Dap (the first rector) and his colleagues in 60-70s (last century) introduced the Spring rice in the North: "the first agricultural revolution in Vietnam".
- ❖ The first Ho Chi Minh awards for agricultural research (Vu Trong Hot, Luong Dinh Cua, Bui Huy Dap....)
- ❖ First Vietnamese research organization commercialized research products: hybrid rice, inbred rice...

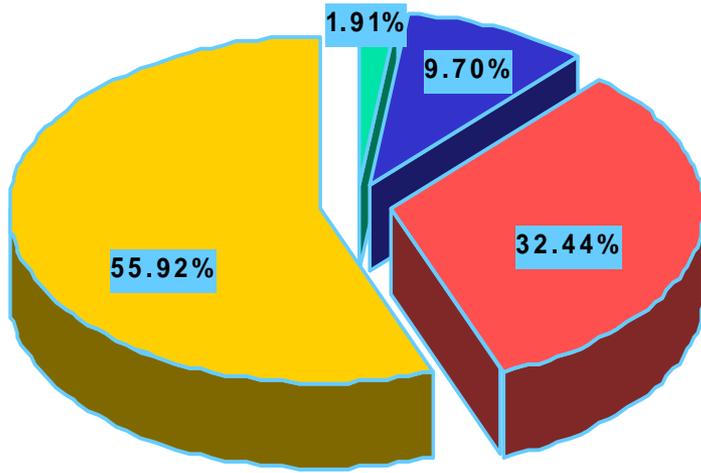
INTRODUCTION

Mission

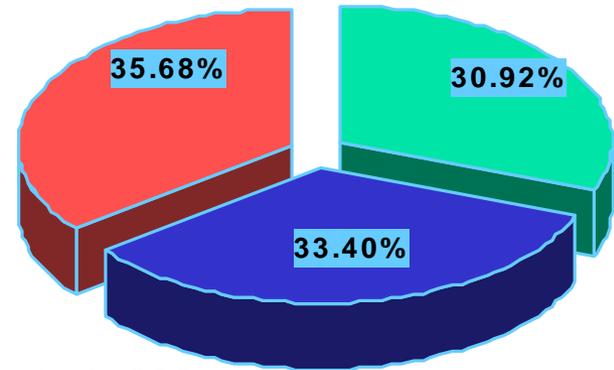
- **Education & Training,**
- **Research**
- **Public services**
→ for the
agricultural sector and rural development

- ❖ **One of 16 national key universities; the leading university in agriculture**
- ❖ **Campus area: ~ 200ha, 30 minutes from Hanoi**
- ❖ **1,341 staff (> 40% under 35 years old)**
- ❖ **38.000 students (local and international students)**
- ❖ **Multidisciplinary University: 14 faculties and 12 research centers; Vietnam top 13 in international publications; 120 transferred technologies in last 5 years**
- ❖ **02 research stations at Sa Pa, and Soc Trang**
- ❖ **Providing 60% human resource for agricultural sector in Vietnam**

ACADEMIC STAFF



- Professor: 5
- Assoc. Prof: 78
- Senior Lecturer: 75
- Lecturer: 548



- PhD: 230
- MSc: 423
- Bachelor: 467

> 40% of academic staff are under 35 years old

FACULTIES

1. Accounting and Business Management
2. Agronomy
3. Animal Science
4. Aquaculture
5. Biotechnology
6. Economics and Rural Development
7. Education and Foreign Languages
8. Engineering

9. Environment
10. Food Science and Technology
11. Information Technology
12. Land Management
13. Political and Social Sciences
14. Veterinary Medicine
15. School of International Education and Development

RESEARCH INSTITUTES AND CENTERS

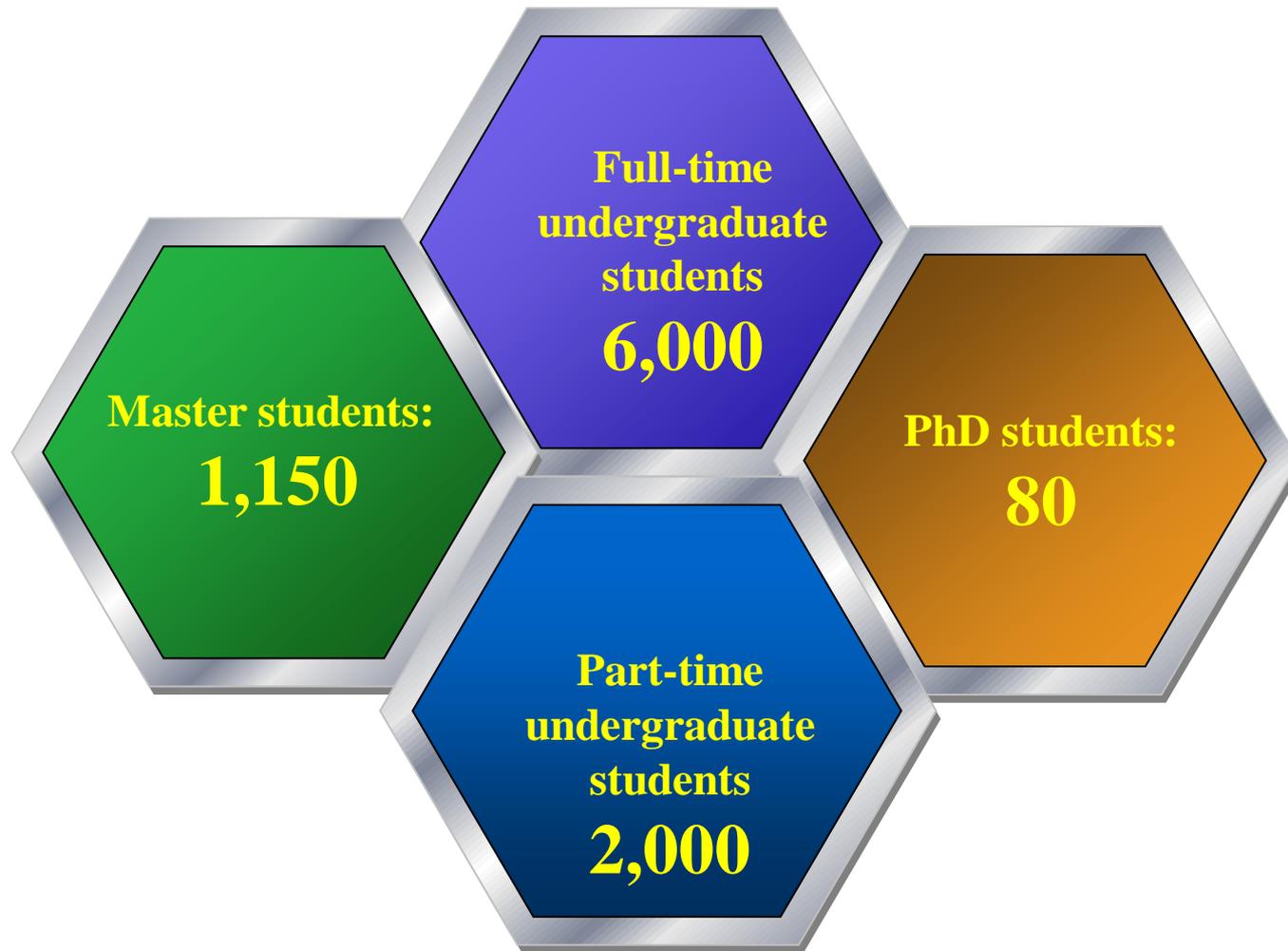
RESEARCH INSTITUTES

RESEARCH CENTERS

- Institute of Agro-Biology
- Institute of Crops Research and Development
- Institute of Economics and Development
- Institute of Engineering Technology Development

- Center for Experiments & Vocational Training
- Center for Agricultural Research & Ecological Studies
- Center for Inter-disciplinary Research on Rural Development
- Consulting Center of Technological Sciences for Natural Resources and Environment
- Research Center for Tropical Plant Pathology
- Centre for Land resources and Environmental technology
- Center for Vegetable R & D
- Center for High Tech Training & Application

ANNUAL STUDENT ENROLMENT



INTERNATIONAL COOPERATION



- Established academic cooperation with **more than 100** institutions and organizations all over the world.

- **Cooperation focuses:**

- Exchange of academic information
- Exchange of staff and students
- Joint research programs
- Joint conferences, workshops, seminars, and publications
- Joint degree and non-degree training programs



FOREIGN STUDENTS

Total foreign students: ~ 100

- Lao PDR
- Cambodia
- Mozambique
- Angola
- Japan
- China
- Indonesia
- Others



ADVANCED AND JOINT TRAINING PROGRAMS



**University of
California Davis,
USA**

Bachelor degree in Crop Science

**Wisconsin
University, USA**

Bachelor degree in Agri-business
Management

taught in English

Bachelor degree in Biotechnology

taught in English

Bachelor degree in Economics

ADVANCED AND JOINT TRAINING PROGRAMS



**University of
Liège (Ulg)
Belgium**

Master degree in Food Technology



**University of
Liège (Ulg)
Belgium**

Master degree in Rural Economics
and Sociology



INTRODUCTION

FACULTY OF ENGINEERING

- **Faculty of Engineering consists of 68 Staffs, about 1500 Students, 8 Departments**
 - Department of Electrical Engineering
 - Department of Power System
 - Department of Automation
 - Department of Engineering Mechanics
 - Department of Power Engineering
 - Department of Mechanical Engineering Technology
 - Department of Agricultural Machinery
 - Department of Food Engineering





INTRODUCTION

FACULTY OF ENGINEERING

- **Strong points of the Faculty**

- Scientists in agricultural engineering (7 Assoc. Prof & 23 PhD).
- Combination mechanical-electrical engineering
- Research groups (power engineering, cultivation, harvest, preservation and processing, Automatic control
- Collaboration with foreign institutions in Germany, Bulgaria, China... on some projects.





FACULTY OF ENGINEERING RESEARCH ACTIVITIES



**Soil Cultivation Machine for Sugar Cane
Disk Harrow and Shank**



FACULTY OF ENGINEERING RESEARCH ACTIVITIES



Sugar Cane Cultivation Machines



FACULTY OF ENGINEERING RESEARCH ACTIVITIES



Sugar Cane Leaf Cutter



FACULTY OF ENGINEERING RESEARCH ACTIVITIES



Tiller machine for Cassava



Hoe-Over turning Machine for Cassava



FACULTY OF ENGINEERING RESEARCH ACTIVITIES



Complex machines: Tilling and fertilizing



Cassava harvesting machine



FACULTY OF ENGINEERING RESEARCH ACTIVITIES



Mini Combine Harvester



FACULTY OF ENGINEERING RESEARCH ACTIVITIES



Freeze dryer STH -2



Bed dryer



Spray Dryer



FACULTY OF ENGINEERING PROPOSAL FOR RESEARCH COOPERATION

- **Research Cooperation:**
(Joint research programs)
 - Sowing & Planting
(rice and vegetable)
 - Fertilizing & Pest Control
 - Harvesting *(upland crops)*
 - Post-harvest and Processing *(fruit and vegetable)*
 - Hitech in green house
 - Technology transfer





FACULTY OF ENGINEERING PROPOSAL FOR EDUCATION COOPERATION

Cooperation focuses:

- Exchange of academic information
- Exchange of staff and students
- Joint conferences, workshops, seminars, and publications
- Joint degree and non-degree training programs

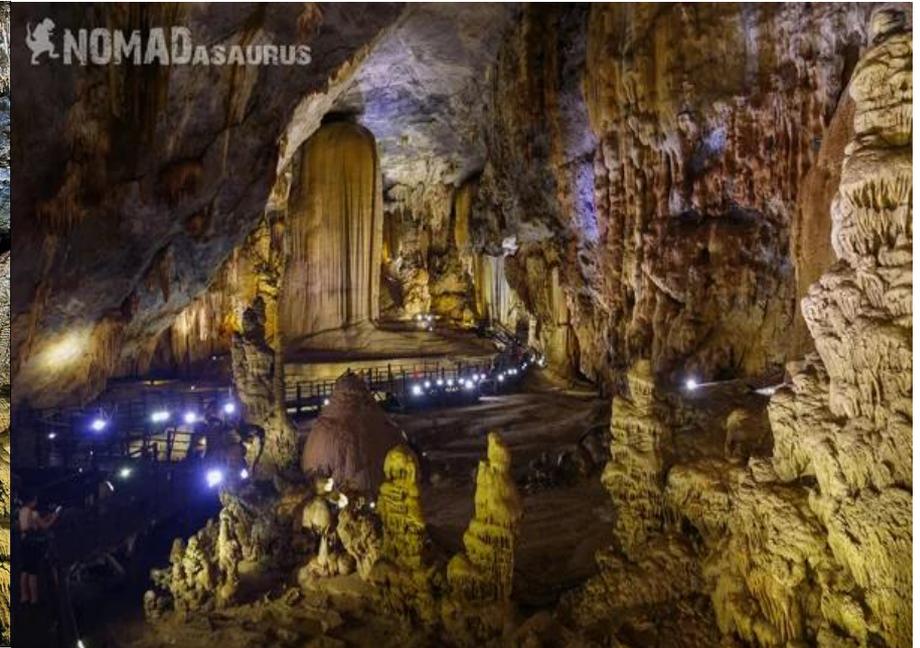




Thank You!

Hạ Long Bay, a UNESCO World Heritage Site





the World Heritage Sites of Phong Nha-Kẻ Bàng National Park





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