Scientific studying and teaching needs the heart of cultivation and flexibility to numerous students, not only to academic knowledge.

Research seems difficult, but support and supervise students for perfection to themselves and progressively development to advanced profession transfer for society is necessary to be conducted.

#### THE UNIT WISHES

To be the unit of search, research and knowledge transfer follow the principle of academic independence, maintaining reality and morality to be the center of academic excellence, application, sciences and technology distribution, education, search, research, academic improvement, transfer and services, and improve students to professional skills, morality and academic wisdom and agriculture integration to develop and integrate agriculture, natural resource and environment conservation of the country.

#### THE UNIT SYMBOL

SYMBOL	MEANING
Vine	Relevance to good environment Maintenance
Tree	Sustention to natural resource and biological environment
Mountain	Conservation of natural resource and physical environment
The Chaiyanupab elephant Vegetable, fruit and fish	Process under Naresuan University wishes Production indicated to fertility, wealthy and sustainability
Warrior armor	Virtue, morality, bravery of people and awareness to environment

### 1.INTRODUCTION

Research is important that play the vital role for development the country under status of equipment for problem solution both in economy and society. The result of research is effectively and efficiently indicating and dependent to society. Naresuan University realizes the importance and consequently regulates academic policy to support teacher's research unit in each faculty. The purpose of the policy is to enable to research in laboratory, process convenience, and promptness. The process supports undergraduate students, graduate students and postgraduate of Naresuan University for professional skills in primary skills from laboratory study, secondary skills from self learning and professional skills from internship to expectedly develop desirable vision, wise and wisdom for society achievement.

The faculty of Agriculture, Natural Resource and Environment is the unit participating in study, development and conservation to natural resources and development. The responsible area is in the lower northern part and regulated curriculum for graduate students for both agricultural sciences and environmental sciences and management to natural resources environment. The curriculum management provides effectively 3 abilities above to students. The teachers and students united to research and develop agriculture and environment in 1995 by Prof. Dr. Siriwat Wongsiri, Assoc. Prof. Phitoon Khitpaosong, Asst. Prof. Suraphon Phanuphaisarn, Asst. Prof. Sirinthip Thanthanee, Mr. Sawang Phiyapichart and Assoc. Prof. Det Wattanachaivingchareon. In 1997, the unit was called under the name of Agriculture and Environment Integration Research and Development Unit working as networking. The center of the unit coordinates research that supporting budget, equipment provision, students and teachers interesting in research both in agriculture and environment. The procedure and process irrelevant to research substance of teachers and participants in the unit is reduced to increase efficiency and promptness that is reasonably important in research.

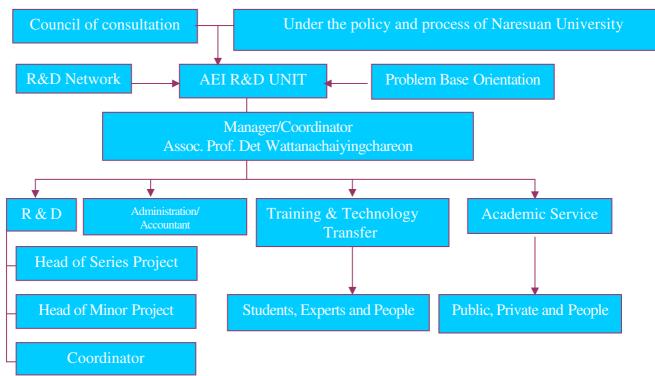
# 2. <u>OBJECTIVES OF THE UNIT</u>

- To promote, support and to be the center of network of agricultural and environmental research for problem solution to society.
- > To coordinate in agricultural and environmental research and academic improvement between teachers, officers and students in Naresuan University, organizations and people.
- > To create the database for research in agriculture, natural resource and environment.
- > To be the center of academic service, academic product and integration to agriculture and environment.

# 3. <u>TARGET</u>

To create good society with knowledge and morality.

# 4. ADMINISTRATION AND MANAGEMENT OF THE UNIT



## 5. <u>RESEARCH CHARACTER AND ACADEMIC</u> <u>ADMINISTRATION OF AEI R&D UNIT</u>

### 5.1 Project networking and R&D Unit

Research and Development networking consists coordinator and head of the project. Researcher and academic servant are able to increase ability limitation in working by reducing limitation that is obstacle to work efficiency. The coordinating unit necessitates to progressively support to obtain the system's objectives. The major projects encourage, facilitate, and activate research and development.

#### 5.2 Intra-linkage and Coordination

To realize importance of each project in the system of horizontal network management by coordinating and jointing projects for convenience in coordination and project distribution.

### 5.3 Project relation

Emphasizing the relationship between colleagues, heads of projects and experts in form of resource co-utilization, not relation in command and control.

### 5.4 Workforce

Working practice is co-practice of multi-projects by resource co-utilization. Therefore, it is necessary to work by dependence on expertise in diverse subjects under multilateral objective of multi-disciplinary to adjust harmony in interdisciplinary approach.

### 5.5 Unity of direction

The head of projects can independently administer on academy by networking certification under targets of major research projects.

### 5.6 Enforcement and responsibility balance

Heads of research project are directly responsible for their own projects. The research coordinator's role is coordination and support to achieve the targets of research project by service distribution to society, people, teacher, and researcher under private and public networking structure.

#### 5.7 Coordinator and cooperation

To distribute administration force to the heads of minor project for absolute process ability. The processes are resource co-utilization and strengthening to research group for readiness in general research networking organization by suitably coordination and cooperation expansion with alliance organization.

### 6.COUNCIL OF CONSULTATION

Assoc. Prof. Dr. Mondhon Sanguangsermsri, President of Naresuan University Assoc. Prof. Dr. Suphak Phuangbangpo, Vice-president for academic affairs, Naresuan University Asst. Prof. Surapon Phanuphaisarn, Vice-president for the university affairs, Naresuan University Prof. Dr. Banphot Suwanprasert, Vice-president for research, Naresuan University Prof. Dr. Keith John Syers, Vice-president for foreign relations, Naresuan University Prof. Dr. Suchin Chiyanon, Mae Fa Luang University Assoc. Prof. Dr. Khanchana ngaorangsri, Naresuan University Assoc. Prof. Choomnoom Phromkhatkaew(M.D.), Dean of Faculty of Medicine, Naresuan University Prof. Suchin Uuangthaworn(M.D.), Faculty of medicine, Naresuan University Assoc. Prof. Dr. Samakkhee Boonyawat, Kasetsart University Assoc. Prof. Dr. Weerasak Udomchok, Kasetsart University Assoc. Prof. Dr. Wichai Niyom, Kasetsart University Prof. Dr. Niphon Tangtham, Kasetsart University Asst. Prof. Dr. Rak Sarndamrongrak, Naresuan University Mr. Suraphon Phetcharapha, Kasetsart University Assoc. Prof. Dr. Sombat Nobpharak, Dean of graduate School, Naresuan University Assoc. Prof. Dr. choomphon Khantha, Dean of faculty of Agriculture, Natural Resource and Environment, Naresuan University Assoc. Prof. Dr. Makha Khittasangkha, Dean of faculty of Humanity and Social Sciences, Naresuan University Assoc. Prof. Dr. Wichai Rungphurithat, Dean of faculty of Engineering, Naresuan University Asst. Prof. Dr. Khanuangnit Phupatwiiboon, Dean of faculty of Sciences, Naresuan University

Asst. Prof. Dr. Prachak Saisang, Faculty of Humanity and Social Sciences, Naresuan University Assoc. Prof. Dr. Niphon Kinawong, Naresuan University Mr. Decha Ngamnikulchalin, President of Environment Department Region 3 Mr. Phanom Thipphayachart, President of Environment Department Region 4

# 7. RESEARCH NETWORK AND ACADEMIC SERVICE

The research network is under major units:

Department of Public Prosecution, Ministry of Public Health Phitsanulok Municipality, Phitsanulok province Ang Thong Municipality, Ang Thong Province Phichit Municipality, Phichit Province Faculty of Sciences, Naresuan University Faculty of Medical Sciences, Naresuan University Faculty of Medicine, Naresuan University Faculty of Agriculture, Natural Resource and Environment, Naresuan University Faculty of Engineering, Naresuan University Faculty of Humanity and Social Sciences, Naresuan University Health Science Research Institute, Naresuan University Faculty of Foresty, Kasetsart University **Kasetsart University** Chulalongkorn University Khon Khaen University Uttaradit Rhatchabhat Institute Indo-China Intersection Development Institute, Phitsanulok province Clean Technology network, Thai Environment Institute Industry Promotion Center Region 2, Phitsanulok province King Taksin The Great Hospital, Tak province Maesort Hospital, Tak province Uttaradit Hospital, Uttaradir province Phetchaboon Hospital, Phetchaboon province Sukhothai Hospital, Sukhothai province Bhuddachinnarat Hospital, Phitsanulok province Khamphangphet Hospital, Khamphangphet province Khirimart Hospital, Sukhuthai province Agriculture office of districts and provinces, Lower northern part Department of Agriculture Promotion, Ministry of Agriculture and Cooperative Department of Agriculture, Ministry of Agriculture and Cooperative

Bureau of Environment Policy and Plan Ministry of Natural Resource and Environment Wongpanit Recyclable Waste Separation Plant WOMC. (Wastewater Operation Management Co.Ltd.) OMC. (Operation Management Co.Ltd.) WETCO. (WETCO International Co.Ltd.) Phorkoo Kingdom Museum, Sukhothai province

# 8. COORDINATION AND STAFF

Assoc. Prof. Det Wattanachaiyingcharoen, Manager/ the Unit Coordinator Asst. Prof. Suraphon Phanuphaisarn, Faculty of Agriculture, Natural Resource and Environment, Naresuan University Asst. Prof. Sirinthip Thanthani, Faculty of Engineering, Naresuan University Assoc. Prof. Dr. Rattana Sananmuang, Faculty of Sciences, Naresuan University Asst. Prof. Phairot Meethong, Faculty of Sciences, Naresuan University Asst. Prof. Decha Nawanukroa, Ratchamongkhol Technology Institute, Phitsanulok province Mr. Sawang Piyaphichart, Expert of Natural Resource and Environment/ Foresty, Naresuan University Mr. Charanthorn Boonyanupab, Teacher/ Provider of Natural Resource and Environment, Faculty of Agriculture, Natural Resource and Environment, Naresuan University Miss Phaethong Intharaksa, Environmental Engineer Miss Phornnapha Sutawong, Environmental Engineer Mr. Surin Khangkhan, Biological Scientist Miss Chotinan Phaemngam, Agricultural Scientist Miss Thapanan Thiwaphathoom, Environmental Scientist Mr. Phongsawan Pooyordkreu, Environmental Engineer Mr. Khanong Phonsongkroa, Environmental Engineer Mrs. Kannika Singhadet, Secretary/ Project Development (January 2003)

# 9. THE UNIT TASK

### 9.1 The finished task

#### 9.1.1 The finished Research and Development Projects

- (1) Production development and commercial management of horticulture production for industry and export in lower north, A scholarship supported by national research committee
- (2) Factor study effecting on success of Flower and Decorated Flower Village, Phromphiram District, Phitsanulok province
- (3) Development and success of corn seed to absolute hybrid domestication.
- (4) Self-Dependence Economy, documents for training quality of life improvement project to opportunity inferior families.(Social Service)
- (5) Academic documents for plant seed science, Naresuan University
- (6) Study and Environment Impact Assessment on Mae Sort Hospital, Tak province, A scholarship supported by Ministry of Public Health
- (7) Study and Environment Impact Assessment on King Taksin the Great Hospital, Tak province, A scholarship supported by Ministry of Public Health
- (8) Banana Biodiversity of Northern Thailand
- (9) Musa(AA group) 'Kluai Khai' production development and management in the lower northern region of Thailand
- (10) Study and Environment Impact Assessment on Sukhothai Hospital, Sukhothai province, A scholarship supported by Ministry of Public Health
- (11) Research and Development changing Langsart to Longgong in lower northern region, A scholarship supported by National Research Committee
- (12) Study and research on cotton database, A scholarship supported by Naresuan University
- (13) Diversity of Musaceae in Northern Thailand
- (14) Study on Solid Waste Composition in Phitsanulok, A scholarship supported GTZ Thailand
- (15) Banana Disease Survey of Thailand, A scholarship supported by ASPNET/INIBAP

- (16) Study project on service payment suitability to wastewater treatment in Ang Thong Municipality, Ang Thong province, A scholarship supported by Ang Thong Municipality
- (17) Study project on service payment suitability to wastewater treatment in Phichit Municipality, Phichit province, A scholarship supported by Phichit Municipality
- (18) Coorperation project to Banana Genetics Biodiversity
- (19) Starch Quantity decreasing in starch production procedure, A scholarship supported by Bureau of National Sciences and Technology Development
- (20) 25 Years Development Plan for Phrae district and province Administration Organization to Agriculture and Environment Distribution, supported by Administration Organization of Phrae province
- (21) Study on Genetics character and adjustment of Anti-Fusarium Wilt of banana, supported by Ministry of Agriculture and Cooperative
- (22) Study and Collection on banana genetics of Thailand, supported by Ministry of Agriculture and Cooperative
- (23) Examination on Anti-Fusarium Wilt of banana, supported by Ministry of Agriculture and Cooperative
- (24) INIBAP Country Case Study Thailand, supported by INIBAP/ ASPNET/ IPGRI
- (25) Study on Environmental Impact Assessment to Uttaradit Hospital, Uttaradit Province, supported by Ministry of Public Health
- (26) Research study for hospital evaluation on service satification to Keereemart Hospital, supported by Ministry of Public Health
- (27) Study on Environmental Impact Assessment of obstetric building and special patients building with 60 beds, Uttaradit Hospital, supported by Monistry of Public Health
- (28) Nam Wa banana production system for commercial and industry by using GIS, supported by Bureau of National Sciences and Technology

# 9.1.2 <u>Training and Technology Transfer</u>

- (1) Training on Regional Information System on Banana and Plant (Sep, 1999)
- (2) The 1<sup>st</sup> International Banana Symposium (November, 2000)
- (3) Workshop on Environment Solution for 23 graduate students (Information following to supplement)
- (4) Workshop on Environment management profession for 3 graduate students (Information following to supplement)
- (5) Professional laboratory training

HA =Hospital Accraditation, 1 person

AGRI. Sys. =Agricultural R&D System, 4 persons

ENV. MANAG. =Environmental Management, 3 persons

ENV. Prot. =Environmental Protection, 1 person

ENV. Sci. =Environmental Science, 1 person

ENV. ENG. =Environmental Engineer, 9 persons

EIA. =Environment Impact Assessment, 23 persons

Biodiversity, 2 persons

Asia Study, 1 person

Social Environment, 4 persons

# <u>N.B.</u>

1NU=Faculty of Agriculture, Natural resource and Environment, Naresuan University
2NU=Faculty of Humanity and Social Sciences, Naresuan University
3NU=Faculty of Engineering, Naresuan University
4NU=Faculty of sciences, Naresuan University CMU=Chiang Mai University RU=Ramkhamhang University SRI=Sunantha Ratchabhat Institute NUS=National University of Singapore NCU=University of Newcastle U.Sys=University of Sydney TUA=Tokyo University of Agriculture

Curriculum

(B)=Bachelor's Degree

(M)=Master's Degree

HA=Hospital Accraditation

AGRI.Sys.=Agriculture R&D System

ENV.MANAG.=Environmental Management

ENV.Prot.=Environment Protection

ENV.Sci.=Environment Science

ENV.ENG.=Environmental Engineering

EIA=Environmental Impact Assessment

(6) Educational visit of student in Bachelor Degree, master Degree in agricultural science

# 9.1.3 <u>Academic and Social Service</u>

### 9.1.3.1 Quality of Life Improvement

-Efficiency increment in practice of hospital officers for King Taksin the Great Hospital, Tak Province, 30 June 1998

-Self-Dependence Economy, Quality of Life Improvement to opportunity inferior families, Muang and Taphanhin District, Pichit Province, UNICEF 18, 25 June 1998

-Community Marketing Activities in seminar on city and upcountry market networking for northern community business, 10 October 2001 at Phitsanulokthani Hotel, Phitsanulok Province

-Thailand Tourism Campaign in 1998-1999 coorperating with Phitsanulok Province

-Public Hearing for Uttaradit Hospital Development, August 2000

-Public Hearing for Phetchaboon Hospital Development, August 2000 -Consultant to project on Research and Development Foundation for research center to local and people administration organization and development to community and people, Takhli District Municipality, Nakhonsawan Province, 2001

-International Training on recyclable waste separation, Wongpanit recyclable waste separation plant

-Industry solution to Jia Meng Rice Mill

-Industry solution to banana and banana product, Titan Company

-Consultant of CEO Governor for effectiency competitive development in Lower North of Thailand

### 9.1.3.2 Environment

-Role of people on Environment Protection (Right and Participation), Environmental Seminar on Constitution to Practice Idea, 31 July 1998, Naresuan University

-Role of Environment Protection Volunteer, Tak Province

-Drive Power to Environmental Administration for quality of nursing home in National Conference on the 3<sup>rd</sup> hospital improvement and quality certification, 22-24 January 2002 at Sirikit National Convention Hall

-Referendum for Environment Impact Assessment to Uttaradit Hospital, Uttaradit Province

-Public Hearing for Environment Impact Assessment to Phetchaboon Hospital, Phetchaboon Province

-12 years Anniversary of Naresuan University and Environment Development of the volunteer club to Environment Protection, 29 October 2001

-Herb and environment to the 2<sup>nd</sup> potential improvement project to pharmacist, Sirindhorn Public Health College

-Herb and environment to Thai Medicine Curriculum, Sirindhorn Public Health College, Phitsanulok, 23 August 200, Convention Hall, 3<sup>rd</sup> Floor Administration Building

-Natural Resource and Environment Conservation, Training project for environmental leader to community leader, Wat Bot District Hall

-Workshop to clean technology utilization, Ratchamingkon Technology Institute, Tak province, 15-16 November 2001

-Workshop to awareness of water utilization for environment conservation, cooperation between Naresuan University and Regiment of Pollution Control

## 9.1.3.3 <u>Agriculture</u>

-Agriculture situation of Thailand and the world, Farm Training, Training to knowledge recovery ability and skill to graduate students for increasing national human resource potential, curriculum of planting farming management, 13-26 August 2001

-Project of agricultural restoration and knowledge improvement and agricultural experience to the nation, September 2000

-Seminar project to tropical fruits for Research and Development trend

-Conference on the Banana day, plant and food for humankind, 4-8 November 2000

-Development project to sustainable agriculture for lower northern part, cooperation with Bureau of Agriculture Research and Development Region 2

-Technology transfer to commercial banana production, 5-7 November 2000

### 9.1.4 **<u>Printed documents for propagation</u>**

-Study and Environment Impact Assessment for full building development to main city plan of King Taksin the Great Hospital, Tak Province

-Study and Environment Impact Assessment for full building development to main city plan of Uttaradit Hospital, Uttaradit Province

-Study and Environment Impact Assessment for full building development to main city plan of Phetchaboon Hospital, Phetchaboon Province

-Study on suitability to wastewater treatment service payment in Muang Ang Thong Municipality, Ang Thong Province

-Study on suitability to wastewater treatment service payment in Phichit Municipality, Phichit Province

-Study and Environment Impact Assessment for full building development to main city plan of Maesort Hospital, Tak Province

-Study and Environment Impact Assessment for full building development to main city plan of Sukhothai Hospital, Sukhothai Province

-Study and Development of changing Langsart to Longgong in lower northern part

-Production development and commercial management to horticulture product for industry and export in lower northern part, the  $2^{nd}$  year progressive project for potential study and horticulture technology transfer for farmers

-Product development and commercial management of horticulture product for industry and export in lower northern part, the 3<sup>rd</sup> year progressive project, Market Analysis and Factor effecting on decision of horticulture purchaser

-Hospital Environment Impact Assessment

-Environment Administration, safety and Sanitation, supported by Institute of Hospital Development and Certification (HA), 2002

-Biodiversity of Musaceae in Northern Thailand, 1998

-Report of Environment Impact Assessment to Chao Khun Saset Pheat Phon Co.Ltd., 2000, supported by bureau of National Sciences and Technology Development

#### **9.2 Processing Projects**

(1)Study and support assessment by National Research Committee on Environment Impact of Uttaradit Hospital, Uttaradit Province, supported by Ministry of Public Health

(2)Study and Environment Impact Assessment of Phetchaboon Hospital, Phetchaboon Province, supported by Ministry of Public Health

(3)Study and Environment Impact Assessment of Khamphangphet Hospital, Khamphangphet Province, supported by Ministry of Public Health

(4)Study and Environment Impact Assessment of Buddhachinnarat Hospital, Phitsanulok Province, supported by Ministry of Public Health

(5)Research study for hospital assessment in patients' satisfaction of Khirimart Hospital, Sukhothai Province, supported by Ministry of Public Health

(6)Study and Environment Impact Assessment to obstetrics building and 60 beds of VIP patient, Uttaradit Hospital, Uttaradit Province, supported by Ministry of Public Health

(7)Organizing to banana production for commerce and industry using information system, supported by Bureau of National sciences and Technology

(8) Study of waste management in Doi Suthep National Park, Chiang Mai

(9) Study of waste management in Jae Chon National Park, Lamphaeng

(10) The great King Naresuan Monument design

(11) Study of possibility of flood protection and irregation management system, Bangrakham District, Phitsanulok and study the waterway management system in Phitsanulok

# 9.3 <u>Future Projects</u>

### 9.3.1 Research and Development Project

(1)Study on possibility and waste trench design, Uttaradit Province

(2)Development on administrative management of environment under universal standard of Thailand (HA: Hospital Accroditation)

(3)Biodiversity research and training program (BRT) and conservation area utilization, cooperation with Uttaradit Rhatchabhat Institute and project of knowledge improvement and policy study on biological natural resource in Thailand

(4) Environment Impact Assessment to co-dormitory: RPB Group Co.Ltd.

(5)Environment and wastewater solution to Chaserngchao Province Municipality, Chaserngchao Province

(6) Environment and wastewater solution to Nondhaburi Province Municipality , Nondhaburi Province

- (7) Environment and wastewater solution to Cha-am Municipality, Phetchaburi Province
- (8) Environment Impact Assessment to Sawanpracharak Hospital, Nakhonsawan Province
- (9) Environment Impact Assessment to Nan Hospital, Nan Province
- (10) Environment Impact Assessment to Phichit Hospital, Phichit Province
- (11) Environment Impact Assessment to Wiang Sa Hospital, Nan Province
- (12) Environment Impact Assessment to Pua Hospital, Nan Province
- (13)Administration to wastewater treatment system, Nan Hospital, Nan Province

(14) Administration to wastewater treatment system, Tha Wang Pha Hospital, Nan Province(15) Wastewater Treatment System design to Wongpanit Garbage RecycleSeparation Plant

(16) Research development and technology transfer of good operation in fishsauce factory, Sukhothai Province

(17) Study on suitability of wastewater treatment payment, the municipality coordinated to Wastewater Management Authority

(18) Route survey by using GIS

(19) Pilot project to agriculturist data service, supported by Ministry of Agriculture and Cooperative

(20) Study of preparation to world's kitchen, supported by Ministry of Agriculture and Cooperative

(21) Agricultural innovation incubation for community

(22) Development of central network and database for information service

(23) Information technology development and working efficiency improvement in 5 programs

(24) Investment information system development

(25) Sugarcane transportation improvement

(26) Starch problem solution in sugar production

(27) Competitive capacity building in sugar industry

(28) Study and management in mine industry

# 9.3.2 <u>Academic Practice Projects</u>

(1)Consultant to environmental system solution of Environment Impact Assessment project, Maesort Hospital, Tak Province

(2) Consultant to environmental system solution of Environment Impact Assessment project, King Taksin The Great Hospital, Tak Province

(3)Consultant to environmental system solution of Environment Impact Assessment project, Sukhothai Hospital, Sukhothai Province

(4) Consultant to environmental system solution of EIA, Buddachinarat Hospital, Phitsanulok Province

(5) Consultant to environmental system solution of EIA, Khamphaengphet Hospital

(6) Consultant to environmental system solution of EIA, Uttaradit Hospital

(7) Consultant to environmental system solution of EIA, Phetchaboon Hospital

### 9.3.3 <u>Academic documents</u>

- (1)Agro-Foresty
- (2)Agricultural planning and policy
- (3)Production system and agriculture development
- (4)Administration to environmental and natural resource management
- (5) Administration agricultural organization
- (6) Social Impact Assessment (SIA)

# 9.3.4 <u>Media Production Projects</u>

(1)Waste recycling (English Version)

## 9.3.5 <u>Equipment Research and Development</u>

(1)Economy to environment solution; for instance, WTP, ATP, WTA

(2)Natural resource conservation and utilization (Herb)

(3)Solution to agricultural commodity; for instance, rice

(4)Cooperation of production to undergraduate students, graduate students, and postgraduate students

(5) Equipment test and design

# 10.ADMINISTRATIVE LIMITATION TO FUTURE ORGANIZATION

(1)Vision process in management paradigm for targets in agricultural and environmental conservation and development maintains:

-Wisdom and knowledge society

-Social quality and competitiveness

-Sustainable society, sufficiency and generousity

(2)Intention on production of academic service responding social need and problem or target (Niche sector) in social process participation (Customers as Partners)

(3)Stimulation on increasing ability in research, development, and service for the future (competing for the future) by action plan in integrated science, technology and social service plan

(4)Unique process relevant to suitability and needs of local and country, (Local and Nation Identification) in virtual company, Enterprenuship and Internationalization (5)Budget utilization and network resource to center of excellence development and performance based budgeting system and administration of privatization and prompth response

(6)Emphasize on technology transfer and source solution by public understanding to Mega and Development Project

(7)Human resource development possessing, working knowledge, working behavior and special skills to multi-skills professionalism in Holistic.

# **PICTURE OF ACTIVITIES**

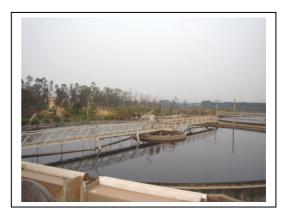
















#### Draft for internal unit utilization report to process of AEI R&D Unit





Draft for internal unit utilization report to process of AEI R&D Unit