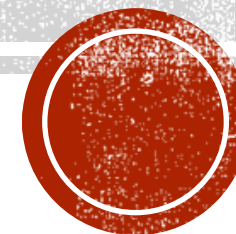




STRENGTHENING EDUCATIONAL COLLABORATION ACTIVITIES

Tin





STUDENTS MOBILITY



MISS PARINYA LOIMAPING and MISS PIMPAPORN VASANTAKORN

FACULTY OF ENGINEERING AND AGRICULTURAL INDUSTRIES

THESIS TITLE :

**DRYING OF FRESH EDAMAME KERNEL TO SEMI-DRIED FORM FOR
MAKING SNACKS**

SUPERVISOR :

**Sunate Surbkar , PhD
Dr. Endang Warsiki, S.TP., MSi**



STUDENTS MOBILITY





STUDENTS MOBILITY





STUDENTS MOBILITY



ALBERTO BERCHMANS PERANGIN-ANGIN

**DEPARTMENT OF AGROINDUSTRIAL TECHNOLOGY
FACULTY OF AGRICULTURAL TECHNOLOGY
BOGOR AGRICULTURAL UNIVERSITY**

**THESIS TITLE :
ETHYLENE COLOR INDICATOR TO DETECT THE FRUIT RIPENESS**

**SUPERVISOR :
Dr. Endang Warsiki, S.TP., MSi
Chanapat Rardniyom, PhD**



STUDENTS MOBILITY



OUR FACILITY FOR INTERNATIONAL STUDENT



RESEARCH ON GOING 2016

Production of pigment nano from seaweed as a natural dye solar cells dye-sensitized solar cell (DSSC)

Improved performance of vegetable insecticide from neem extracts (azadirachtin indica) for pest control armyworms in soybeans using a surfactant DEA of palm olein

Applications of High Purity monoglyceride Based Glycerol and PFAD in Analog to Increase Rice Production National Food Security

RESEARCH ON GOING 2016

Application of Nano Technology for Solid Waste Handling in Sugar Industry

Design of Biofiltration Process for Polluted River Water as Clean Water Supply

Bioethanol Production from Starch Breadfruit (*Artocarpus communis* Forst.) with Simultaneous Saccharification and Fermentation (SSF) Using Microbial Consortium

RESEARCH ON GOING 2016

Biodiesel, Oil and Resin Production from Nyamplung Seeds

Production of Nano-hydrogels from Sago and Tapioca Starch for Controlled Release Active Ingredients

Combination Pre-Treatment Hydrothermal Alkali and Hydrogen Peroxide for Bioethanol Production from Sweet Sorghum Bagasse

RESEARCH ON GOING 2016

Improving the Effectiveness Formula Herbicides Through Surfactant Synthesis Diethanolamide (DEA) Based Palm Oil and Combination with Cationic Surfactants For Application On Land Plant Food

Utilization Potential Maritime Macroalgae as a Source of Antioxidants Functional Food Probiotic and Galakto-oligosaccharides (GOS) to Improve Health Status of Coastal Communities

Development of Leather Processing with Environmentally Friendly in Green Productivity Improvement for Leather Industry

RESEARCH ON GOING 2016

Wheat Flour Substitution with Tied Cross Local Flour to Improve Quality of Local Flour Dough

Smart Labels to Quick Detection of Bacterial Pathogens on Fresh Meat and Processed Meat Products

Cellulose Nanofiber Production from Agricultural Waste and its Application as Nanofiller in Producing Nanocomposite Thermoplastic Starch-PVA for Packaging Materials

Establishing Research Collaboration

Periode : 2017 – 2020
Funded : The Ministry of
Research, Technology and
Higher Education



Code/Field of Science : 161/Agroindustrial Technology (and Agrotechnology)
Kode>Nama Rumpun Ilmu : 161/Teknologi Industri Pertanian (dan Agroteknologi)

RESEARCH PROPOSAL INTERNATIONAL RESEARCH COLLABORATION AND SCIENTIFIC PUBLICATION



THE DEVELOPMENT OF COLOR INDICATOR LABEL TO DETECT FRUITS RIPENESS

Dr. ENDANG WARSIKI, S.TP., MSi.
Dr. INDAH YULIASIH, S.TP., MSi.
Dr. CHANANPAT RARDNIYOM

BOGOR AGRICULTURAL UNIVERSITY
MAEJO UNIVERSITY
MAY 2016



LEGAL AGREEMENTS



DECLARATION
ASEAN UNIVERSITIES CONSORTIUM ON
FOOD & AGRO-BASED ENGINEERING AND TECHNOLOGY EDUCATION
(Bogor Declaration)

The representative of the Dean Council of the Faculties in Indonesia, the representative of the Dean Council of the Faculties in Thailand, and the representative of the Dean Council of the Faculties in Malaysia:

MINDFUL of the existence of mutual interests among Food & Agro-based Engineering and Technology Higher Education in ASEAN and convinced of the need to strengthen of cooperation;

DESIRING to establish a firm foundation for mutual cooperation with the spirit of equality and partnership and thereby contribute towards education excellence in the region;

CONSCIOUS that in an increasingly interdependent and competitive world, the education excellences are best attained by fostering good understanding and meaningful cooperation among Food & Agro-based Engineering and Technology in the region;

CONSIDERING that Food & Agro-based Engineering and Technology Higher Education Institutions in ASEAN share a primary responsibility for human resource development of the region;

AFFIRMING that all Higher Education Institutions have their respective mandates and regulations according to the national policies;

DO HEREBY DECLARE:

FIRST, the establishment of an Consortium among the Food Science and Technology, Agro-based Engineering and Technology, and Agro-Industrial Technology Higher Education Institutions in ASEAN to be known as the "**ASEAN Universities Consortium on Food & Agro-based Engineering and Technology Education**".



LEGAL AGREEMENTS

SECOND, that the aims and purposes of the Consortium shall be:

1. To create a mutual understanding and communication network among the members,
2. To develop and promote research collaborations among the members, including establishing research topics and funding,
3. To develop and promote a respective international scientific publications,
4. To promote and support students and staff's mobility (exchange) among the members,
5. To harmonize the higher education system in the related academic field of study & research in the region;
6. To establish regional standard and to pursue the global standard for education in the related academic field of study & research in the region.

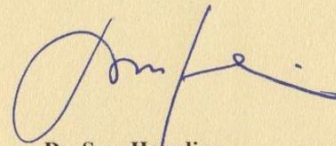
THIRD, that to carry out these aims and purposes the following machinery shall be established:

1. Board of the Country Representative (the country's Dean Council), which is the Chair shall be by rotation and may referred as Consortium Board;
2. Working Committees by specific disciplines or field of study within the consortium members;
3. National Secretariat in each member country, in which to carry out the work of the Consortium on behalf of that country and to service the Consortium Meeting.

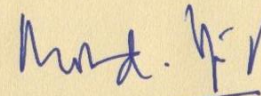
FOURTH, that the Consortium is open for participation to all Food Science and Technology, Agro-based Engineering and Technology and Agro-industrial Technology of Higher Education Institutions in ASEAN subscribing to the aforementioned aims and purposes.

FIFTH, that the Consortium represents the collective will of the members to bind themselves together in friendship and cooperation and, through joint efforts, to promote and develop academic and education excellences in the ASEAN region.

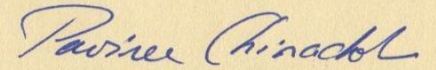
DONE in Bogor on October 28th, 2012; Signed by the Country Representatives:



Dr. Sam Herodian
The Representative of Indonesia;
Chairman of the Dean Council of the Faculties
of Agricultural Engineering and Technology



Prof. Dr. Mohd Yazid Abdul Manap
The Representative of Malaysia;
Chairman of the Dean Council of the Faculties
of Food Science & Technology



Prof. Dr. Pavinee Chinachoti
The Representative of Thailand;
Chairman of the Dean Council of the Faculties
of Agro-Industry

Bogor Declaration: ASEAN Universities Consortium


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AUCFA

ASEAN UNIVERSITIES CONSORTIUM ON FOOD & AGRO-BASED ENGINEERING & TECHNOLOGY EDUCATION



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Members of AUCFA (Listed According to Alphabetical Country)

No.	Name	Link to URL
	Indonesia	
1	Faculty of Agricultural Engineering and Technology, Institut Pertanian Bogor	http://fateta.ipb.ac.id
2	Faculty of Agricultural Technology, Universitas Gadjah Mada	http://www.tp.ugm.ac.id/website
3	Faculty of Agricultural Technology, Universitas Brawijaya	http://tp.ub.ac.id/
4	Faculty of Agro-Industrial Technology, Universitas Padjadjaran	http://ftip.unpad.ac.id
5	Faculty of Agricultural Technology, Universitas Jember	http://www.ftip.unej.ac.id/



LEGAL AGREEMENTS

16	Faculty of Science and Technology, Thammasat University (Rangsit Center)	https://www2.tu.ac.th/index.php/th/
17	Faculty of Technology, Maharakham University	http://www.inter.msu.ac.th
18	Faculty of Technology, Khonkaen University	http://technology.kku.ac.th/english/home.php
19	Faculty of Engineering and Agro-Industry, Maejo University	http://www.mju.ac.th
20	Faculty of Agro-Industry, Chiang Mai University	http://www.agro.cmu.ac.th
21	Faculty of Agro-Industry, King Mongkut's University of Technology North Bangkok	http://www.kmutnb.ac.th/en/faculty_Agro.php
22	Faculty of Agro-Industry, Kasetsart University	http://www.agro.ku.ac.th/



MEMORANDUM OF UNDERSTANDING



GENERAL INTERNATIONAL MEMORANDUM OF UNDERSTANDING

BETWEEN

BOGOR AGRICULTURAL UNIVERSITY (IPB)
Bogor, INDONESIA

AND

MAEJO UNIVERSITY (MJU), Chiang Mai, THAILAND

This Memorandum of Understanding between Bogor Agricultural University (IPB) and Maejo University (MJU) is intended to facilitate academic collaboration between the partner institutions. The linkage hereby formed shall meet each institution's objectives as well as strengthen the mutual relationship between the institutions.

I. Institution Overview

IPB was built on 1 September 1963 by the visionary leaders of Indonesia. The vision of IPB is to become an International recognize research based university and as a prime driver of agriculture mainstreaming in Indonesia. IPB now is one of the three best universities in Indonesia that produces qualified graduates capable of developing and applying science and technology as well as develops scientific and technological innovation for the improvement of national development and increasing the quality of life of Indonesian people. Bogor Agricultural University (IPB) was established to be a center of excellence in agriculture (in a broad perspective) and to promote scientific research benefiting the future of mankind. IPB is one of the national's foremost institution of higher education in Indonesia, well-known not only for its remarkable diverse range of subjects, but also for its research-lead teaching and outstanding scientific environment.



A close-up photograph of a vibrant green leaf, its surface glistening with numerous small, clear water droplets. A single, light-colored seed is positioned near the center of the leaf. The background is a soft, out-of-focus white.

Agroindustry ...

brings agriculture
into perfection

Thank You !