

**A. Significant Events (Training, Conferences, Workshops, etc. - Local and International)**

No.	Date/Duration	Specific Title	Highlights	Venue	Persons Involved	Unit	Role of Unit/Persons Involved
1	01-03 May 2019	Training on AFMechRDEN DIS for Mindanao Cluster HEIs	Conducted training on the use of AFMechRDEN DIS for Mindanao based HEIs offering BSAE/ BSABE	Cagayan de Oro City	Dr. Victor A. Rodulfo Jr., Dr. Ronel S. Pangan, Engr. Marck Ferdie V. Eusebio, and Engr. Adrian A. Borja	BIOMECH	Implementer
2	06 May 2019	Teen Smart Road Safety Seminar	Hosted by Honda Philippines, Inc. and attended by CEAT Faculty and Staff and DCE students	EE Auditorium, CEAT, UPLB	Dr. Marloe B. Sundo, Dr. Myra G. Borines, and Engr. Mary Louise P. Pascual	DCE and DO	Co-organizers
3	07 May 2019	Hands-on SAIS Training	Participants are taught how to update course catalog and course offerings of the new curriculum, and student checklist	ILC, NCAS	Ms. Loyola A. Lantican, Ms. Shiela S. Limjap, and Ms. Marilyn E. Tonio	OCS	Attendees
4		SAIS Training	Lectures and demo on how to input course catalog, class schedule, teachers, printing of class rosters and grades, and other features of SAIS were discussed as training for new members and as refresher to old members of the registration committee for Midyear and 1st Sem inputting	ILC Lab 2, NCAS Bldg., UPLB	aP Lizbeth A. Mariano and Engr. Mark Joseph S. Villanueva	DIE	Participants
5		Inception meeting of DA-BAR funded project entitled "Development of Package of technologies for Drip-irrigation Aerobic Rice Production System"	PhilRice, Muñoz, Nueva Ecija	Dr. Rubenito M. Lampayan	LWRD-IAE	Participant	
6	07-10 May 2019	Refresher Course on the Testing and Evaluation of Agricultural & Fishery Machinery	Testing of postharvest machinery	Tacloban City	Engr. Romulo Eusebio, Engr. Conrad Ian Tan, Engr. Franklin Pajaron, and Mr. Domingo Rebolan	AMTEC	Resource Persons
7		Agricultural Machinery Training and Assessment for Agricultural Machinery Operations	-Lectures on operation of various machineries for non-rice -Assessment of participants on use of various machineries for non-rice	BIOMECH, CEAT, UPLB	RDE Groups	BIOMECH	Lecturers and assessors
8	08-09 May 2019	AFMechRDEN Executive Meeting	Attendance and participation to the AFMechRDE Executive Meeting	DA-RFU II Batanes Experimental Station, Basco, Batanes	Dr. Victor A. Rodulfo, Jr. and Dr. Maria Victoria L. Larona	BIOMECH	BIOMECH as co-chair of AFMechRDEN
9	09 May 2019	Public Forum on the Water Kaliwa Dam		Quezon City	Dr. Monalisa Delos Reyes	LWRD-IAE	Participant
10	14 May 2019	Rapid Rural Appraisal of Cashew Production in Bataan	Discussion with cashew farmer	Hermosa, Bataan	Engr. Adrian A. Borja	BIOMECH	Implementer
11	16 May 19	GSIS Orientation Seminar		ICOPED Auditorium, UPLB	Ms. Josielyn O. Gibas	DEE	Participant
12	17 May 2019	Meeting of the Independent Committee for the Screening of College and University Professor		Sacred Heart, Quezon City	Dr. Jessie C. Elauria	ABPROD-IAE	Participant
13	18-20 May 2019	Life Cycle Analysis of Coconut	FGD with coconut farmers in Cagayan de Oro	Misamis Oriental	Dr. Victor A. Rodulfo, Jr.	BIOMECH	Study Leader
14	19 May 2019	April 2019 Registered Electrical Engineer Oathtaking Ceremonies  Received the Certificate of Recognition as UPLB as the Top Performing School in April 2019 REE Licensure Examination		PICC, Manila, Philippines	aP Karen-Christian C. Agno and aP Annie Liza C. Pintor	DEE	Representative of UPLB
15	20 May 2019	Kalinangan: A Cultural Exchange Seminar Workshop	Seminar that aims to equip frontliners with skills and understanding of life, tradition, and culture of international students (Sri Lanka)	Makiling Ballroom Hall, SU, UPLB	Ms. Jesichelle Marie dela Cueva and Ms. Connie Orte	OCS and Library	Attendees
16		Managing Chemical Wastes at UPLB	Discussion on the most common chemical wastes generated at UPLB and how they are disposed	CEC Conference Room, UPLB	Dr. Richelle G. Zafra, Dr. Monet Concepcion M. Detras, and aP Lizbeth A. Mariano	DCE, DChE, and DIE	Participants

17		41st PHilMech Anniversary and 20th Loss Prevention Week with theme "Mechanization towards farmers' competitiveness"	Attended Industry Day, Machinery Road Show, Launching of Rice Competitiveness Enhancement Program (RCEP), Collaborative Meeting with PHilMech re: role of SUCs in RCEF	PhilMech, Muñoz, Nueva Ecija	Dr. Victor A. Rodulfo, Jr. and Dr. Maria Victoria L. Larona	BIOMECH	Participants and PHilMech Collaborative Partner
18	20-21 May 2019	Delivered a talk in the Future Energy Show Philippines 2019 entitled:  "Determination of Hosting Capacity of Solar and Wind Distributed Generation (DG) Using Stochastic Approach" by aP Rodolfo A. Aguirre Jr.  "Energy Storage for Thermal Generation" by aP Karen-Christian C. Agno		SMX Convention Center, SM Mall of Asia, Pasay	aP Rodolfo A. Aguirre Jr. and aP Karen-Christian C. Agno	DEE	Invited Speakers
19	21 May 2019	Public consultation meeting on the Revision of PAES/PNS for Coffee Pulper/Huller		Ikon Hotel, Quezon City	Engr. Darwin C. Aranguren and Fatima Joy Raytana, Ms. Cielo Anne Pabella	AMTEC	TWG Member
20		Proposal Presentation on the Coco Pest Eradication using Unmanned Aerial Vehicle (PCAARRD DOST-DC meeting)		PCAARRD-DOST, Los Baños, Laguna	Dr. Rossana Marie C. Amongo, aP Erwin P. Quillooy, and Dr. Ralph Kristoffer B. Gallegos	AMD-IAE	Proponents
21	21-24 May 2019	Agricultural Machinery Training and Assessment for Rice Machinery	-Lectures on operation of various machineries for rice -Assessment of participants on use of various machineries for rice	BIOMECH, CEAT, UPLB	RDE Groups	BIOMECH	Lecturers and assessors
22	22 May 2019	AFMeC Task Force on Procurement Meeting	GPPB Res 07-2019, SPIS implementation, KAMICO	Apacible, PCAF, DA, Quezon City	Engr. Mary Christine Agoncillo	AMTEC	Member
23	22-23 May 2019	DOST's Smart Farming Industry Strategics S&T Program		DA ATI, Quezon City	Prof. Moises A. Dorado	AFSD-IAE	Participant
24	23 May 2019	National Consultative Meeting Agricultural and Biosystems Engineering in Compliance with the Amended Implementing Rules & Regulations of RA 10912	Career Progression and Specialization Program for ABEs and PQF Alignment of the Program/Learning Outcomes of Junior ABE, Senior ABE and Chief ABE	Apacible, PCAF, DA, Quezon City	Engr. Darwin C. Aranguren, Dr. Rossana Marie C. Amongo, and aP Mark Keylord S. Onal	AMTEC and AMD-IAE	Participant
25		Workshop sponsored by the Philippine Regulation Board of Agricultural and Biosystems Engineering (PRBABE)	-Philippine Qualification Framework for ABEs: - Junior ABE - Senior ABE -Chief ABE	PCAF, DA, Quezon City	Dr. Victor A. Rodulfo, Jr.	BIOMECH	Resource Person
26	23-25 May 2019	Oral Presentation and Session Chair at the 2019 International Conference on Environmental Quality Concern, control and Conservation	Oral presentation entitled: Macroalga species prioritization for sustainable bioethanol production using calibrated fuzzy AHP and grey relational analysis	National Kaohsiung University of Science and Technology and Chia Nan University of Pharmacy and Science, Taiwan	Dr. Ramon Christian P. Eusebio	DChE	Keynote Speaker and Session Chair
27	26-29 May 2019	Water resources assessment in relation to the project by the UPLB Interdisciplinary Study Center for Water		Basco, Batanes	Dr. Roger A. Luyun, Jr.	LWRD-IAE	Water Resource Specialist
28		TWG Meeting on the revision of PNS/PAES for Ricemill		BAFS, Quezon City	Engr. Darwin C. Aranguren	AMTEC	TWG Member
29	28 May 2019	Policy Study on the Implementability of Contiguous Farming in Rice and Corn Areas in the Philippines	Presentation of the project output to the PCAF officials prior to the National Consultation on May 31, 2019	PCAF, DA, Quezon City	Dr. Rossana Marie C. Amongo, Dr. Maria Victoria L. Larona, aP Mark Keylord S. Onal, Engr. Mark Twain A. Limbo, Engr. Gherlee Nelle L. Lalap, and Dr. Arsenio N. Resurreccion	BIOMECH and AMD-IAE	Project Implementer
30	28-30 May 2019	Poster Presentation during the 34th Philippine Chemistry Congress	Presented 3 posters: 1) Characteristics and kinetics of phosphorous release from formulated fertilizer in clay loam soil 2) Optimization of process conditions for the fermentation of calcium hydroxyapatite-zeolite fertilizer by adsorption 3) Release behavior and kinetics of potassium from muriate of potash-zeolite (MOP-Z) in clay soil	Waterfront Hotel & Convention Center, Lahug, Cebu City	Dr. Veronica P. Migo, Dr. Monet Concepcion M. Detras, Dr. Catalino G. Alfafara, VJ Soriano, AEA Florece, and MAM del Barrio	DChE	Presenter
31		Oral Presentation during the 34th Philippine Chemistry Congress	Oral presentation entitled: An analytical method validation for atomic absorption spectrophotometry analysis of some micronutrient content of foliar organic fertilizers		Dr. Veronica P. Migo, J Masangkay, KB Gabog, J Paddayuman, SL Arreola, and JC Pacia	DChE and Institute of Chemistry	Presenter

32	28-31 May 2019	Training on the testing of Solar-powered Irrigation System (SPIS)			Engr. Romulo E. Eusebio and Mr. Alphonse Regin Magmanlac, and Mr. Primitivo Canales	AMTEC	Resource Persons
33	29 May 2019	National Stakeholder Workshop on Barriers and Opportunities on the Access and Utilization of Weather and Climate Information, PAGASA		Quezon City	aP Vicente G. Ballaran, Jr.	AFSD-IAE	Participant
34	29-30 May 2019	RTWG meeting of Cluster 1 Water Resource		San Juan, La Union	Dr. Roger A. Luyun, Jr.	LWRD-IAE	Water Resource Specialist
35	29-31 May 2019	DA-BAFS Site Visit and data gathering for the PNS for Milkfish and PNS Aerator System		Dagupan, Pangasinan	Dr. Aurelio A. Delos Reyes, Jr.	LWRD-IAE	TWG Co-Chair (Aerator)
36	29 May to 01 June 2019	UP System Workshop on Procurement	Best practices, resolutions, UP Procurement Manual	UP Visayas, Iloilo City	Dr. Arthur L. Fajardo	AMTEC	Chair, BAC-Infra
37		FGD activity in relation to the NEDA project on the formulation of the National Irrigation Master Plan		Davao City	Dr. Victor B. Ella	LWRD-IAE	Team Leader and Water Resources Planning and Development Specialist
38	31 May 2019	AFMeC Special Meeting	IRR of Rice Tariffication Law, endorsement of PNS, proposed summit	Apacible, PCAF, DA, Quezon City	Engr. Jasper Aliangan, Engr. Ray Alipio, and Ms. Cielo Pabella	AMTEC	Members
39		Policy Study on the Implementability of Contiguous Farming in Rice and Corn Areas in the Philippines	Presentation of the project output to the PCAF National Consultation	PCAF, DA, Quezon City	Dr. Rossana Marie C. Amongo, Dr. Maria Victoria L. Larona, aP Mark Keylord S. Onal, Engr. Mark Twain A. Limbo, Engr. Gherlee Nelle L. Lalap, and Dr. Arsenio N. Resurreccion	BIOMECH and AMD-IAE	Project Implementer
40	31 May to 01 June 2019	FGD activity in relation to the NEDA project on the formulation of the National Irrigation Master Plan		Davao City	Dr. Roger A. Luyun, Jr.	LWRD-IAE	Team Member and Water Resources Specialist
41	01 June 2019	Green ICT Forum	Lectures on advancement in the Information and Communication Technologies	SMX Convention Center, SM Mall of Asia, Pasay	Dr. Myra G. Borines, aP Karen-Christian C. Agno, and Engr. Mary Louise P. Pascual	DEE and DO	Attendees
42	01-02 June 2019	Field visit and Drone survey in relation to the NEDA project on the formulation of the National Irrigation Master Plan		Davao City	Dr. Rubenito M. Lampayan	LWRD-IAE	Team Member and Irrigation Water Management Specialist
43	03-04 June 2019	Benchmarking study visit of irradiation facilities		Vietnam	Dr. Kevin F. Yaptenco	ABPROD-IAE	Consultant
44	04 June 2019	"SARAI and DA-ATI: Partnership in reaching the ground" Rural Dev't Educ. Center		ATI Compound, Diliman, Quezon City	Dr. Rubenito M. Lampayan, Prof. Moises A. Dorado, and aP Vicente G. Ballaran, Jr.	LWRD-IAE	Participants
45	26-30 June 2019	Personal Travel		Bangkok, Thailand	Dr. Aurelio A. Delos Reyes, Jr.	LWRD-IAE	

**Legend:**

**Departments:**

IAE – Institute of Agricultural Engineering  
DChE – Department of Chemical Engineering  
DCE – Department of Civil Engineering  
DEE – Department of Electrical Engineering  
DES – Department of Engineering Science  
DIE – Department of Industrial Engineering

**Units in IAE:**

ABPROD – Agricultural and Bio-Processing Division  
AFSD – Agrometeorology and Farm Structures Division  
AMD – Agricultural Machinery Division  
LWRD – Land and Water Resources Division

**Research and Extension**

BIOMECH – Center of Agri-Fisheries and Biosystems Mechanization  
AMTEC – Agricultural Machinery Testing and Evaluation Center

**Support Units:**

DO – Dean's Office  
CSO – College Secretary's Office  
CEAT Library  
CSC – CEAT Student Council  
AA - Alumni Association

B. New, Ongoing, and Completed RDE Projects

No.	Date/Duration	Unit	Specific Title	Status/Objective(s)	Expected Output	Leader and Staff	Source of Funding
1	01 April 2017 - 31 March 2019	LWRD-IAE	Development of Wireless Sensor Network-based Water Information System for Efficient Water Management in the Philippines		Research, WSN and irrigation water management technologies, publications	Dr. Victor B. Ella, Dr. Arthur L. Fajardo, aP Maurice A. Duka, Dr. Jewel A. Gonzales, Dr. Rubenito M. Lampayan, Ms. Mary Anne T. Labrador, Mr. Roy L. Mariñas, Engr. Jeric S. Sadsad, Ms. Kristelle Marie DeLa Cruz, Engr. John Russel Galoso, Engr. Chen Lester R. Wu, Engr. Marie Jehosa B. Reyes, Engr. Cyra Gail P. Fernandez, Ms. Zeta Derikka Sanchez, Engr. Camille G. Martinez, Engr. Romalaine Chrisselle Bonoan, Engr. Allan Tejada, Ms. Anne Jellie V. Bacani, Ms. Maria Cecilia D. dela Cruz, and Mr. Vldimir Eusebio	CHED-PCARI
2	01 May 2017 - 30 April 2021	IPB and IAE	Project 5. Assessment of Sugarcane Varieties and Germplasm Collection for Drought and Waterlogging Tolerance Component 1: Screening of Sugarcane for Drought Tolerance		Research	Dr. Kevin F. Yaptenco and aP Erwin P. Quilloy	Sugar Regulatory Administration
3	01 December 2017 - 30 November 2018 extended until 28 February 2019	LWRD-IAE	Assessment of the Impacts of the National Research and Development Program on Organic Vegetables		Research	aP Rosa B. Delos Reyes	DOST-PCAARRD
4	02 April 2018 - 15 December 2018	LWRD-IAE	Assessing the Resurgent Irrigation Development Program of the Philippines – Communal Irrigation Systems Component		Research	Dr. Roger A. Luyun, Jr. and MM Garcia	PIDS
5	01 May 2018 - 30 April 2021	AFSD-IAE	Smarter Approaches to Reinvigorate Agriculture as and Industry in the Philippines II Proj 2.1 Community Level SARAI - Enhance Agricultural Monitoring System and Crop Advisories		Research	Prof. Moises A. Dorado, aP Vicente G. Ballaran, REV Luna, Engr. Leo Niel T. Viado, JMSuarez, and KSGBrusola	DOST-PCAARRD
6	01 May 2018 - 30 April 2021	LWRD-IAE	Smarter Approaches to Reinvigorate Agriculture as an Industry in the Philippines II .Proj. 2.3 Smarter technologies for Crop Water Management		Research	RALuyun, Jr., RBSaludes, YMMPinca, TAMCSalcedo, EPQuilloy, PRPSanchez	DOST-PCAARRD
7	August 2018 - May 2019	LWRD-IAE	National irrigation Master Plan		Research	Dr. Victor B. Ella, Dr. Roger A. Luyun, Jr., Dr. Rubenito M. Lampayan, JQLomod, GmBrazil KBGarcia, and IGCajuguiran	NEDA-UPLBFI
8	31 December 2018	IAE and DCE	The UPLB Off-Grid Community Based Sustainable Energy Research		Action Research, Green Community	Dr. Marish S. Madlangbayan, Dr. Rossana Marie C. Amongo, Dr. Marloe B. Sundoe, Dr. Fernando O. Paras Jr., Dr. Arthur L. Fajardo, and aP Mark Keylord S. Onal	NGCP
9	01 January 2019 to 31 December 2020	AMD-IAE and BIOMECH	Assessment of the Level of Mechanization of the Rice and Corn Productions Systems in the Philippines	Notice to Proceed	Research	Dr. Rossana Marie C. Amongo, aP Mark Keylord S. Onal, and Dr. Maria Victoria L. Larona	DA-BAR (PhP 7,530,737)
10	2019	AMD-IAE	Coco Pests Eradication using Unmanned Aviation Vehicle (UAV), under the ERDT Proposal BUCo I4	Proposal	Research	Dr. Rossana Marie C. Amongo and aP Erwin P. Quilloy	PCAARRD-DOST

11	On Going	BIOMECH and IAE	Identifying suitable sites for small scale irrigation projects (SSIPS) in Mindoro Provinces through GIS-based water resources assessment Study: Needs and design assessment for the identification of the small-scale irrigation water sources for agricultural use	Coordination with Or. Mindoro and Oc. Mindoro for the conduct of training of enumerators Preparation for the conduct of training of enumerators; Training of enumerators of Oriental Mindoro, held on November 15, 2018 in Or. Mindoro	Potential SSIP in Mindoro Provinces	Dr. Rossana Marie C. Amongo, Dr. Ronaldo B. Saludes, Dr. Roger A. Luyun, Jr., and Dr. Maria Victoria L. Larona	DA-BAR
12	On Going	BIOMECH and IAE	Identifying suitable sites for small scale irrigation projects (SSIPS) in Region IV-A (CALABARZON) through GIS-based water resources assessment Study: Needs and design assessment for the identification of the small-scale irrigation water sources for agricultural use	On-going data collection, data for the different SSIPs in Laguna & Quezon; Mapping of the Potential Areas for SFRs and PISOs for Region IVA Training of enumerators of Rizal Province on November 9, 2018, at AMTEC, CEAT, UPLB	Potential SSIP in Region IVA	Dr. Rossana Marie C. Amongo, Dr. Ronaldo B. Saludes, Dr. Roger A. Luyun, Jr., and Dr. Maria Victoria L. Larona	DA-BAR
13	On Going	BIOMECH	The UPLB Un-energized Community-Based Sustainable Energy Research Program	Fabrication of the e-tractor component  Testing of the e-trike component  Completion of NADA report for Brgy. Macabud, Rodriguez, Rizal on November 14, 2016	Introduction of RE Technologies for un-energized community	Marish S. Madlangbayan, Dr. Marloe B. Sundo, Dr. Rossana Marie C. Amongo, Dr. Fernando O. Paras, Jr., Dr. Arthur L. Fajardo, aP Mark Keylord S. Onal, aP Erwin P. Quilloy, Dr. Maria Victoria L. Larona, Engr. Crisaulo M. Reynoso, Engr. Mark Angelo F. Ranchez, Engr. Gil P. Bustilla, Engr. Hakeem V. Canonio, and Engr. Christian Dominic Q. Alfonso	NGCP
14	On Going	BIOMECH	Optimization and Pilot Testing of the Developed Drying System for Seaweeds	Project Mobilization	Commercial prototype of seaweed drying system	Dr. Ronel S. Pangan, MVAampo, YEBarrodo, and Mr. Eric Repoldo	DOST-PCAARRD Php 4.7M
15	On Going	BIOMECH	Improvement and Promotion of a Technology Package for the Production of Powder from Turmeric for Commercial Application	Project Mobilization	Technology Package for Turmeric Powder Production	Dr. Jose D. de Ramos, Engr. Marife R. Santiago, RPBarretto, JRCullat, and JLCasas	DA-BAR (Php 5M)
16	On Going	BIOMECH and IAE	Policy Study on the Implementability of Contiguous Farming in Rice and Corn Areas in the Philippines	Secondary data collection Visit of institutions involved in large-scale mechanization/land reformation Visited the NIA – MTG-PLIVIRISCAF Irrigators' Association Interviewed farmers re: contiguous farming/land consolidation	Policy brief on the implementation of contiguous farming for rice and corn in the Philippines	Dr. Rossana Marie C. Amongo, Dr. Maria Victoria L. Larona, aP Mark Keylord S. Onal, Engr. Gherlee Nelle L. Lalap, and Engr. Mark Twain A. Limbo	DA-PCAF (Php 2.5M)
17	01 January 2019 to 31 December 2020 (2 years)	AMD-IAE	Assessment of the Level of Rice and Corn Productions Systems in Region IV (IVA and IVB)	In the process of approval	Assessment of the Level of mechanization in rice and corn production systems for the provinces of Region IVA and IVB vis-a-vis Ideal level of mechanization; Mechanization Gaps; Machinery requirement pe province	Dr. Rossana Marie C. Amongo, Dr. Dr. Maria Victoria L. Larona, and aP Mark Keylord S. Onal	DA-BAR
18	Proposal	AMD-IAE	An Assessment of Existing AMTEC Testing and Evaluation Procedures and Policy Implications of the AGricultural and Fisheries Program of the Government		Policy Study	Dr. Arthur L. Fajardo, Dr. Rossana Marie C. Amongo, and Dr. Arsenio N. Resurreccion	DA-PCAF
19	17 December 2018 to 30 December 2019	ABPROD-IAE	Postharvest Technologies for Rapid Screening and Improved Drying of Hybrid Rice Seed	MOA Signing	Research	Dr. Kevin F. Yaptenco, Asst. Prof. Fidelina T. Flores, Asst. Prof. Rina A. Bawar, and Engr. Luther John R. Manuel	Private seed company - PARRFI
20	Proposal	BIOMECH	Policy Study on Labor Re-assignment and Re-arrangement in Rice and Corn Farms	Submitted capsule proposal		Dr. Victor A. Rodulfo, Jr. and Engr. Alexis C. Del Rosario	DA-PCAF
21	Proposal	BIOMECH	Optimization of Pilot Testing of M3DAS System	Submitted capsule proposal		Engr. Alexis C. Del Rosario, Engr. Jose D. De Ramos, and Engr. Marife R. Santiago	DOST-PCAARRD

**COLLEGE: CEAT**  
**Execom Meeting - June**

**C. Technical Assistance**

	Date	Unit	Specific Title	Highlights	Venue	Persons Involved	Role of Unit/Persons Involved
1	09 May 2019	BIOMECH	Technical Assistance regarding design of electronic control for poultry water supply	<ul style="list-style-type: none"><li>•1 UPLB student assisted</li><li>•Discussion regarding design of electronic circuits</li></ul>	BIOMECH, CEAT, UPLB	Engr. Adrian A. Borja	Technical Expert

**D. Scientific Productivity**

No.	Unit	Type of Publication	Title	Author (s)	Publisher	Date Published
1	DES	Journal Article	Effect of sintering temperature on the structure, morphology, and conductivity of LSM/YSZ composite electrode synthesized via solid state reaction	CCVaso, ABenipayo, and RBCervera	Philippine e-Journal for Applied Research and Development	27 December 2018
2	DES	Journal Article	Effect of ingredient loading and temperature on tensile properties of surfactant-loaded natural vulcanizates	JArabit-Cruz, and Bpajarito	Key Engineering Materials 803: 356-360	20 May 2019
3	LWRD-IAE	Journal	Accelerating the Dissemination of Alternate Wetting and Drying and Associated Rice Production technologies that are Resource Use Efficient	Regalado,MJ;Sibayan,E;Pasucal,KS;Lampayan,RM,et.al	The Philippine Agricultural & Biosystems Engineering Journal	Vol.2 Issue No. 1 (ISSN:2619-6913)

**COLLEGE CEAT**  
**Execom Meeting - June**

**E. New Appointments/Resignations/Retirements**

No.	Date	Unit	Name	Position
1	01 February to 01 July 2019	DIE	aP Micah A. Ramirez and aP Clarissa M. Pesigan	[extension of] PDA, UIS Evaluation (in coordination w/ ITC)
2	16 May 2019	AMTEC	Engr. Leslie Oliver	Project Assistant III (charged to N8-249-32)
3		AMTEC	Mr. Fortunato Parducho	Laboratory Aide I (charged to N8-249-32)
4	01 June 2019	AMTEC	Mr. Joshua Germita	Project Assistant III (charged to N8-249-32)
5		IAE	Mark Keylord A. Onal	Chairman - Farm Electrification (TWG for the Career Progression and Specialization Program for Agricultural and Biosystems Engineer by the Professional Regulation Commission PRC)
6			Dr. Arthur L. Fajardo	Member - Agricultural and Biosystems Power and Machinery Engineering (TWG for the Career Progression and Specialization Program for Agricultural and Biosystems Engineer by the Professional Regulation Commission PRC)
7			Dr. Rossana Marie C. Amongo	Member - ABE Education (TWG for the Career Progression and Specialization Program for Agricultural and Biosystems Engineer by the Professional Regulation Commission PRC)
8				Member - International Alignment and Recognition of ABE Career Progression and Specialization (TWG for the Career Progression and Specialization Program for Agricultural and Biosystems Engineer by the Professional Regulation Commission PRC)

**COLLEGE: CEAT**  
**Execom Meeting - June**

**F. Local and Foreign Visitors**

No.	Date	Unit	Name	Organization	Place of Origin	Purpose of Visit
1	09 May 2019	Office of the Associate Dean	Engr. Arnel M. Bautista (General Manager)	BP Integrated Technologies, Inc.	Calamba City, Laguna	To discuss the CEAT Academe-Industry Linkage Program
2	17 May 2019	DCE	Mr. Gary Sta. Cruz	CIM Technologies, Inc.		Discuss about Autodesk Software (i.e. Revit, BIM)
3	21 May 2019	Office of the Associate Dean	Ms. Pauline V. Barrenechea	Makati Development Corporation	Bonifacio Global City, Taguig City	To discuss the CEAT Academe-Industry Linkage Program
4		AMD-IAE		Follosco Group of Companies with ASIA John Deere		for the John Deere Tractor
5	27 May 2019	AMTEC	Mr. Yanagida		Maruma, Japan	To discuss possible funding and supply of equipment through ODA from JICA

**COLLEGE: CEAT**  
**Execom Meeting - June**

**G. Visiting Exchange Faculty/Students**

No.	Date	Name	School	Place of Origin	Field of Interest
	NONE				

**COLLEGE: CEAT**  
**Execom Meeting - June**

**H. New MOU/MOA**

No.	Unit	Duration	Parties Involved	Purpose of Agreement
1		NONE		
2				

**COLLEGE: CEAT**  
**Execom Meeting - June**

**I. Awards and Recognition (Faculty, REPS, Administrative Personnel, Students)**

No.	Unit	Name of Awardee/Recipient	Position	Title of Award	Granting Organization	Date of Award
1	AMD-IAE	RMCAmongo;EPQuilloy; MAFRanches; MVLLarona,MVL; and MSMadlangbayan	CEAT Faculty and Staff	2nd Best Paper Award (Agricultural Mechanization, Power, Machinery & Equipment Category- 30 Technical Paper Entrees for Competition) for the paper entitled, "Development of an Electric Hand Tractor (e-Tractor) for Transport"	PSABE	26 April 2019
2	AMD-IAE	MVAampo, ALFajardo, EPQuilloy, PRPSanchez	CEAT Faculty and Staff	2nd Best Poster Award for the paper entitled, "Use of Color Sensor for Duck Egg Candling in Balut Production"	PSABE	26 April 2019
3	DIE	aP Angelo C. Ani, Engr. Maria Liezl P. Caroché, aP Micah A. Ramirez, and Mr. ME Villanueva	Faculty/Student	IPA (Impact of Office Design on Satisfaction of Government Employees in Laguna Provincial Capitol, Philippines)	OVPAA	April 2019
4	LWRD-IAE	Dr. Victor B. Ella	Professor 12	UP Scientist II Award (2018-2020)		

**J. Other Announcements (Renewal of Appointments with Promotion)**

No.	Effectivity	Name	Unit	Previous Designation	New Designation
1	18 March 2019	aP Micah A. Ramirez	DIE	Instructor 7	Assistant Professor 1
2	01 August 2019	Engr. Kristel M. Gatdula	DChE	Instructor 5	Instructor 7 (Renewal)

**AMTEC Announcements**

The following are the meetings and other activities of the Center:

- May 17, 2019: Demo of drone spraying at IRRRI (RE Eusebio)
- May 21, 2019: Visit at the proposed Testing Center of USEP-Tagum
- May 22, 2019: Demo of drone spreader at Freedom Park (RE Eusebio)
- May 22, 2019: Meeting with UP Mindanao VC Nilo Oponda, Dean, two other AE Faculty
- May 22, 2019: Attended the oath-taking of Accredited Test Engineers of BAFE at The Royal Mandaya Hotel, Davao City
- May 23, 2019: Meeting with CMU Department of Agricultural Engineering
- May 25, 2019: Meeting with MSU-Gensan Dean Edward Lapong and Chancellor Anshari Ali

**DCE Announcements**

UPLB posted 100% passing rate (24 out of 24) in the May 2019 Civil Engineering Licensure Examination

**OCS Announcements:**

1. 03 June 2019 – submission of freshmen classes for First Semester courses 2019-2020.
2. 24 June 2019 – submission of classes for First Semester 2019-2020.
3. Development of 100 Math 27 Questions for incoming freshmen.
4. New OCS Website: <https://ocs.ceat.uplb.edu.ph/>

**DChE Announcement**

60.42% (29/48) of our graduates passed the May 2019 Chemical Engineering Licensure Exam. We have two graduates in the top 10: Kem M. Taghap (2nd) and Manuel Christian S. Caparas (10th)

**DES Announcement:**

Several DES faculty went to DMMME, CoE, UPD on 3 June 2019 and attended a consultative meeting regarding the BS Materials Engineering proposal

### **DIE Announcement**

The technopreneurship team of Engr. Carоче together with Emely Barte, Jim Futralan and Dr. Manny Regalado, has joined the TechPlanter 2019 competition held last 18 May 2019 in QBO Innovation Hub in Makati City. TechPlanter is one of the platforms of Leave a Nest Co., a science venture company, aimed to discover and nurture business seeds in the real tech field. Out of the 12 tech finalists from different universities and start-up companies, the team has won the Special Award and will be receiving support and network assistance from the organizers in commercializing their product, the infrared rice mechanical dryer.

### **IAE Announcements**

The following are the Infra matters of the Institute:

- Aircon: Installation-on going (duration: June 24, 2019)
- Some Furnitures Delivered, others still waiting for delivery (from Abroad)

### **CSC Announcement:**

Ms. Tanya R. Gasacao reported the CSC Representatives to CEAT Standing Committees for AY 2019-2020 as follows:

1. Executive Committee – Ms. Tanya R. Gasacao
2. Curriculum Committee – Mr. Marvin Emmanuel R. Plaza
3. Instruction Committee – Mr. Al Gabriel M. Dacillo
4. Research Committee – Mr. John Lenard Q. Masilang
5. Extension Committee – Mr. Xavier Leland Emmanuel C. Caayao
6. Faculty-Student Relations Committee – Ms. Kathleen Lou A. Tapang
7. Student Scholarship and Financial Assistance – Ms. Kathleen Lou A. Tapang
8. Student Progress Committee – Ms. Eire Ellesmere M. Tagaban
9. Registration, Orientation, Graduation Committee – Mr. Ian Gabrielle Arellano Santos
10. Awards Committee – Mr. Ronnie C. Espedido
11. Socials and Sports Committee – Mr. Xavier Leland Emmanuel C. Caayao
12. Internal Public Affairs Committee – Mr. Ronnie C. Espedido
13. External Public Affairs Committee – Ms. Tanya R. Gasacao
14. Building and Grounds Maintenance & Security and UPLB Engineering PDAs – Ms. Ma. Victoria C. Villain
15. Internet, Computers and Library (Pedagogy) – Ms. Eire Ellesmere M. Tagaban

**COLLEGE: CEAT**  
**Execom Meeting - June**

**K. Concerns (Students, Faculty, REPS, and Administrative Staff)**

No.	Concerns and Issues	Status	Unit
NONE			