

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	24 September to 01 October 2018	Academic visit to University of Reading and University of Liverpool	Academic visit to University of Reading and University of Liverpool to explore further academic and research collaboration between UPLB	University of Reading and University of Liverpool	Dr. Rex B. Demafelis	DChE	Delegate
2	01 October 2018	CE 10 Special Lecture Series on Structural Engineering by Engr. Ferdinand B. Bengusta (Fluor, Phils. Inc.)	Guest speaker from academe/industry introduce a Civil Engineering field of specialization, elaborating on their experiences in the field	EE Auditorium, CEAT, UPLB	Dr. Richelle G. Zafra and CE 10 Students	DCE	Organizer/attendees
3		NRCP Division VII Executive Officers and Section Heads Meeting	Discussion for possible project collaboration with the National Research Council of the Philippines for basic research	University of Sto. Tomas, Manila	Dr. Ramon Christian P. Eusebio	DChE	Participant
4	01-06, 08-12, and 14-19 October 2018	Evaluative Project on the Assessment of DA's Mechanization Program for Various Commodities	<ul style="list-style-type: none"> Conducted FGD and KII of key mechanization program implementers Training of enumerators that will interview beneficiary farmers, and; Ocular inspection of machines granted and sites for cassava in selected provinces 	Bohol Province, Pampanga and Nueva Ecija Provinces, and Pangasinan and Ilocos Sur Provinces	Dr. Alexis C. del Rosario, AS Salandanan, DL Bondoc, Dr. Rossana Marie C. Amongo- Oct 14-16 2018, Dr. Maria Victoria L. Larona-Oct 14-16 2018, and RS Dumingding	BIOMECH	Implementer/Consultant
5	02 October 2018	Special USC – CSC Elections	The vacant positions from different student councils were filled by the newly elected Student leaders	UPLB Campus	UPLB Students	CSC	Organizer
6	02-07 October 2018	Survey for the project 'Socio-economic and Environmental Impacts of Bioethanol Production	<p>a. Conducted Focus Group Discussion and Key Informant Interview to Sugarcane Planters at San Carlos City, Negros Occidental with assistance of staff from Central Philippines State University</p> <p>b. Interviewed Distillery Personnel at San Carlos Bioenergy Inc., Roxol Bioenergy Corp., and URC -SURE Ethanol Plant</p>	<p>a. San Carlos City, Negros Occidental</p> <p>b. Roxol Bioenergy Corp at La Carlota, Negros Occidental</p> <p>c. Universal Robina Corporation-SURE Ethanol Plant at Bais, Negros Oriental</p>	Dr. Rex B. Demafelis, Dr. Jovita L. Movillon, Engr. Kristel M. Gatdula, Ms. Lisa Stephanie H. Dizon, Engr. Amabelle A. Pector, and Engr. Bernadette T. Magadia	DChE	Proponent
7	03-05 October 2018	UPLB UC Curriculum Committee Workshop	Concerns about curriculum-related matters and future plans of the committee were discussed	Blue Coral Resort, Laiya, San Juan, Batangas	aP Angelo C. Ani	CSO	Participant
8	04 October 2018	Freshman Bloc Assembly Part 2	The CE Representative to the CEAT SC and the EE Representative to the CEAT SC are elected by the Freshman Student Body	EE Auditorium, CEAT, UPLB	CEAT Batch 2018 Students	CSC	Organizer
9		Phil MSTQ (Metrology, Standard, Testing and Quality) Forum	Attended forum on "Good Regulatory Practice Thru Standards"	Natural Science Research Institute (NSRI), UP Diliman, Quezon City	Dr. Veronica P. Migo	DChE	Participant
10		International training Course on Inland Aquaculture		SEAFDEC, Binangonan	Dr. Aurelio A. DelosReyes.,Jr	LWRD-IAE	Presenter
11	04-05 October 2018	International Sustainable Production and Consumption Conference 2018	<p>- Inaugural conference in collaboration with the Sustainable Production and Consumption. During the two-day conference, the multidimensional interactions between technology, society and policy was explored.</p> <p>- On Day 2 (5-Oct-2018), gave an oral presentation entitled, Rice crop as a feedstock for the production of food, chemicals, fuels and renewable energy: Multi-objective value chain optimisation, in the Energy, Food and Water Nexus 3 plenary session</p>	etc. Venues, Manchester, UK	aP Stephen S. Doliente	DChE	Participant/Presenter

12	07-10 October 2018	"Determination of Penetration Limit of Wind Distributed Generation (DG) Considering Multiple Bus Integration" and "Determination of Penetration Limit of Solar Distributed Generation (DG) Considering Multiple Bus Integration" 10th IEEE PES Asia-Pacific Power and Energy Engineering Conference 2018 (APPEEC)		Hilton, Kota Kinabalu, Sabah, Malaysia	aP Rodolfo A. Aguirre	DEE	Presenter / Participant / Author Session Chair: Renewable Energy Track
13	08 October 2018	Dinner for a Cause	Fundraising activity for the UPLB CEAT-AA Study Now Pay Later Program	L'Amore Buffet and Banquets, One Bonitos Place, Los Baños, Laguna	CEAT Faculty, Staff, and Alumni	CEAT	Participants/Organizer/Coordinator
14		CE 10 Special Lecture Series on Water Resources Engineering by Engr. Melvin B. Solomon (Woodfields Consultants)	Guest speaker from academe/industry introduce a Civil Engineering field of specialization, elaborating on their experiences in the field	EE Auditorium, CEAT, UPLB	Dr. Richelle G. Zafra and CE 10 Students	DCE	Organizer/Attendees
15		Invited member of the Technical Panel for NICER projects and DOST-GIA funding	Evaluated 3 project proposals for NICER and 1 DOST-GIA funding	DOST Compound, Taguig	Dr. Ramon Christian P. Eusebio	DChE	Evaluator
16		SEIPI through ASEMPEP Council of Failure Analysis and Reliability Industry-Academe Linkage Program		EE Auditorium, CEAT, UPLB	CEAT Students and Faculty	CEAT	Participants
17	08-09 October 2018	Loyalty Day Workshop Assistance	The CEAT Student body helped the CEAT Administration create the CEAT Float for the 100th UPLB Loyalty Day	EE building, CEAT, UPLB	CEAT Community	CSC	Participants
18	09 October 2018	100th UPLB Loyalty Day Awarding Ceremony	Awarding of the outstanding and distinguished alumni	Baker Hall, UPLB	Dr. Myra G. Borines and Engr. Mary Louise P. Pascual	DO	Reception Committee Head and member
19	10 October 2018	100th UPLB Loyalty Day Parade and 2018 CEAT Alumni Homecoming	Attended by CEAT Alumni, Faculty, Staff, and Students	EE Auditorium, CEAT, UPLB	CEAT Faculty, Staff, Students, and Alumni	CEAT	Organizer/Coordinator/Participants
20	11-12 October 2018	Intensive Gender Sensitivity and Anti-Sexual Harassment Workshop for MOVE Champions	<ul style="list-style-type: none"> Laws and penalties pertaining to Violence Against Women and their Children (VAW&VAWC), and Sexual Harassment Gender sensitivity issues 	Malvar, Batangas	Engr. Marck Ferdie V. Eusebio and Nick C. Milante	BIOMECH	Participants
21		DOST -NSTW for Region 4b		San Jose, Occidental Mindoro	Prof. Moises A. Dorado	AFSD-IAE	Resource Speaker
22		Intensive Gender Sensitivity and Anti-sexual Harassment Workshop for MOVE		Malvar, Batangas	Engr. Jeffrey A. Gonzales	AFSD-IAE	Participant
23	12, 19, 26 October 2018	Physics 51 Review	Start of the Physics Review Series headed by the UPLB SChemES and SAGES, IESO respectively	CEAT, UPLB	CEAT Batch 2018 Students, UPLB SChemES and UPLB SELES	CSC	Organizer
24	12-13 October 2018	IEshikawa 13	UPLB participated in the seminar and competitions. UPLB won both first places in IExcel (Quiz competition) and IExplore (Case Competition) with PP10K and PhP30K prize money	UP Diliman, Quezon City	IExcel Team: JP Guliman, JO Jamison, VA Pasion IExplore Team: MP Doctora, BM Eroy, AP Ressurrecion, JS Rosales aP Angelo C. Ani, coach 5 non-competing delegates	DIE	Participants and contestants
25	14-16 October 2018	Focus group discussion/key informant interview of implementers and training of enumerators for the DA-PCAF evaluation study on agricultural mechanization program		Ilocos Province	Dr. Rossana Marie C. Amongo	AMD-IAE	
26	14-18 October 2018	Waste-to-Energy Plant Visit to Tokyo, Japan	Technical visit and discussion to various waste-to-energy facilities in Tokyo, Japan	Tokyo, Japan	Dr. Rex B. Demafelis, Dr. Manolito E. Bambase Jr., Dr. Ramer P. Bautista, and Ms. Lisa Stephanie H. Dizon	DChE	Proponent

27		3rd Meeting of the Testing and Evaluation Accreditation Advisory Committee (TEAAC)		DA Central Office, Elliptical Road, Quezon City	Dr. Arthur L. Fajardo	AMTEC	Committee Chair
28	15 October 2018	CE 10 Special Lecture Series on Transportation Engineering by Dr. Marloe Sundo (DCE, UPLB)	Guest speaker from academe/industry introduce a Civil Engineering field of specialization, elaborating on their experiences in the field	EE Auditorium, CEAT, UPLB	Dr. Richelle G. Zafra and CE 10 Students	DCE	Organizer/Attendees
29		meeting at DA-BAFE, on AMTEC and TEAAC matters		Quezon City	Dr. Aurelio A. Delos Reyes, Jr.	LWRD-IAE	Participant
30	16 October 2018	TWG Meeting for the Revision of PAES for Coffee Pulper		BAFS, Quezon City	Engr. Darwin C. Aranguren	AMTEC	TWG Member
31		BAFS TWG meeting	• Revision of the PNS for Coffee Huller	BAFS, Quezon City	Dr. Victor A. Rodulfo Jr.	BIOMECH	TWG Member
32	17 October 2018	National Committee Meeting of the AFMech Engineering Resource Network	• Discussion on the AFMechERN activity updates • Plans and programs of AFMechERN	BAFS, Quezon City PHIIMech Liaison Office, ATI Bldg., Elliptical Rd., Q.C.	Dr. Maria Victoria L. Larona and Engr. Marife R. Santiago	BIOMECH	Committee Members
33	17-19 October 2018	UP REPS Systemwide Workshop/ Conference	The conference, which was attended by UP President Concepcion, BOR and REPS from various CUs, discussed the following: 1. REPS contributions to knowledge generation and public service, 2. participation of REPS in University Governance, and 3. career path for REPS The 2-day event consists of plenary sessions for each topic and workshops on the proposed mechanism for participation of REPS in University Governance and creation of progressive career path for REPS	School of Statistics Auditorium, University of the Philippines Diliman Campus	Dr. Rex B. Demafelis and Engr. Amabelle A. Pector	DChE	Participants
34		Seminar-Workshop on Method Validation and Verification	Conducted a Seminar-Workshop on Method Validation and Verification	Department of Agriculture Regional Field Office VI, Iloilo City	Dr. Veronica P. Migo	DChE	Resource Person
35	18 October 2018	TWG Meeting for the Finalization of PAES for Mungbean Sheller		BAFS, Quezon City	Engr. Darwin C. Aranguren	AMTEC	TWG Member
36		University Freshman Bloc Assembly	Council Chairperson was elected from the Freshman Representatives of every College	Makiling Ballroom Hall, UPLB	UPLB Batch 2018 Students	CSC	Organizer
37		Professional Accreditation Activities		Bulacan State University	Dr. Delfin C. Suministrado and Dr. Arsenio N. Resurreccion	AMD-IAE	Participants
38	18-19 October 2018	2nd UP System-Wide REPS Conference	• Plenary speeches and discussions on Contribution of REPS in the UP System in Research, Instruction, Public Service and Governance • Workshops on significant REPS policies on promotion, tenure, creation of research council, REP representative in BOR	Seda Vertis Hotel located at Astra Corner Lux Drives, Vertis North, Diliman, Quezon Cit	Dr. Maria Victoria L. Larona	BIOMECH	Participants
39	18-20 October 2018	Optimization and Pilot Testing of the Developed Drying System for Seaweeds	• Monitoring of Seaweed dryer installed and scheduling of optimization Studies	Ambulong, San Jose, Occidental Mindoro	Dr. Ronel S. Pangan, MVampo, and Mr. Eric Repoldo	BIOMECH	Technical Expert
40	19 October 2018	TWG Meeting for the Guidelines on the Registration and Issuance of Permit to Operate for Agricultural and Fisheries Machinery Manufacturers, Fabricators, Assemblers, Distributors, Dealers, Importers and Exporters (MFADDIE)		DA-PCAF, Elliptical Road, Quezon City	Engr. Darwin C. Aranguren	AMTEC	TWG Member
41		Development of a Comprehensive Mechanization Resource Mapping, Monitoring and Data Analysis System (M3DAS) for Planning, Implementation and Policy Data Generation for Government Departments and LGUs	Confer with SRA personnel regarding possibility of employing M3DAS in the baseline information generation and mapping of machinery in mill districts all over the country (offshoot of project and possible pilot testing)	SRA, Diliman, Quezon City	Engr. Alexis C. del Rosario and Engr. Marife R. Santiago	BIOMECH	Proponents
42		KAIST School of Electrical Engineering and School of Computing visit to UPLB to meet ICS and DEE		EE building, CEAT, UPLB	DEE Faculty	DEE	Coordinator
43		Preliminary Meeting on the implementation of Contiguous Farming		DA-BAFE, Quezon City	Dr. Rossana Marie C. Amongo and aP Mark Keylord S. Onal	AMD-IAE	Participants

44	20 October 2018	DEE Strategic Planning and Workshop		Obdulia F Sison Hall (CEC), UPLB	DEE Faculty	DEE	Organizer/Coordinator/Participants
45	22 October 2018	CE 10 Special Lecture Series on Geotechnical Engineering by Engr. Andre Cruz (First Balfour, Inc.)	Guest speaker from academe/industry introduce a Civil Engineering field of specialization, elaborating on their experiences in the field	EE Auditorium, CEAT, UPLB	Dr. Richelle G. Zafra and CE 10 Students	DCE	Organizer/attendees
46		DChE Graduate Program Workshop	The workshop served as a venue to discuss the following matters: a. review the MS ChE curricular program for revision and institution of new MS courses b. benchmarking of PhD in ChE programs offered in universities local and abroad c. initial planning for PhD offering d. strategize on the promotion of MS ChE	Seminar Room, Department of Chemical Engineering, CEAT, UPLB	DChE Faculty and Staff	DChE	Organizer/Participant
47		Career orientation	DChE alumni were invited to talk about their current work/profession	CEAT Lecture Hall, UPLB	AChES, DChE Freshmen Students and faculty and staff	DChE	Organizer/Participants
48		Committee meeting and pre conference workshop on food security		DAP Tagaytay City	aP Rina A. Bawar, Engr. Luther John R. Manuel, Dr. Kevin F. Yaptenco, and aP Fidelina T. Flores	ABPROD-IAE	Participants
49		22-26 October 2018	Workshop on the Updating of Reference Manual of Agricultural Machinery and Equipment (Compendium)		Tacloban City	Engr. Romulo E. Eusebio	AMTEC
50		5th Organic Agriculture and 2nd Agri-Fishery Congress	Technology demonstration and exhibits	Sta. Cruz, Laguna		BIOMECH	Participant/Exhibitor
51	22-27 October 2018	4th Training of Trainers of the Asian and Pacific Network for Testing of Agricultural Machinery (ANTAM)		Beijing and Wuhan, China	Engr. Rhey Marc C. Albalos and Engr. Mary Christine M. Agoncillo	AMTEC	Trainees
52	23 October 2018	SAIS Training/Refresher	Training/Refresher on SAIS modules related to pre-reg and enrollment (Course Catalog, Scheduling of Classes, Updating of information for Faculty, etc)	ILC, NCAS, UPLB	Engr. Rhebner E. Arocena and Engr. Gino Apollo M. Guerrero	DChE	Participant
53		National Water Forum at BSWM Convention Hall		Quezon City	Dr. Roger A. Luyun, Jr.	LWRD-IAE	Participant
54		Focus Group Discussion and Site Visit		PhilRice, Nueva Ecija	aP Mark Keylord S. Onal	AMD-IAE	Participant
55		Baguio City Interim Report Presentation		NEDA-CAR/Baguio City	aP Vicente G. Ballaran, Jr.	AFSD-IAE	Participant
56		DA-BAR Pre-Screening Workshop for the 30th National Research Symposium		DA-BAR, Quezon City	Dr. Kevin F. Yaptenco	ABPROD-IAE	Member (Panel of Judges)
57	23-26 October 2018	Optimization and Pilot Testing of the Developed Drying System for Seaweeds	Construction of support foundation (RipRap) for the Seaweed dryer	Anilawan, Puerto Princesa City	Dr. Ronel S. Pangan, MVampo, and Mr. Eric Repoldo	BIOMECH	Technical Expert
58	24 October 2018	Public Consultative Meeting for the Revision of Philippine Agricultural Engineering Standards (PAES) for Four- Wheel Tractors-Specifications and Methods of Test		Fersal Hotel, Cubao, Quezon City	Engr. Darwin C. Aranguren	AMTEC	TWG Member
59		Building a Network of Care for Our Students at Risk: UPLB Roundtable Discussion on Mental Resiliency Protocol	Data on Mental Health Statistics in UPLB was presented; a preliminary protocol was developed	Executive Conference Room, Office of the Chancellor	Dr. Arnold R. Elepaño and aP Angelo C. Ani	DO and CSO	Participants
60	24-25 October 2018	2018 Philippine American Academy of Science and Engineering (PAASE) Meeting	This year's conference theme was: PAASE Volunteerism to Promote Philippine Science, Engineering and Innovation Poster presentation: Exploring Natural Products as carriers for Nanofertilizer	National Institute of Physics, University of the Philippines, Diliman, Quezon City	Dr. Veronica P. Migo, Dr. Catalino G. Alfafara, PJ Nido, D Plofino, M Toledo, and C Brutas	DChE	Poster Presentor
61	24-26 October 2018	Establishment of Custom Service Providers (Proposed Project with Philrice, PhilMech and Landbank)	<ul style="list-style-type: none"> Confer with prospective cooperative (Maramag Community MPC) who wil participate in the project Conferred with Board members to present the possible project Inspected existing facilities for production and post production of rice and corn 	Maramag, Bukidnon	Engr. Alexis C. del Rosario	BIOMECH	Proponent
62		Public Consultation meeting on Standards for Four-wheeled tractors, slaughterhouse		DA-BAFS, Quezon City	Dr. Aurelio A. Delos Reyes, Jr.	LWRD-IAE	Participant

63	25 October 2018	CEAT Council of Student Leaders Meeting	CEAT Organization heads, non- affiliated students and the CEAT Student Council talked about the recent activities of the student council and the realignment of committee heads	CEAT Lounge, UPLB	CSC and CEAT Students	CSC	Organizer/Participants
64	25-26 October 2018	PAES General Membership Meeting and Internaional Conference fro Engineering Education-Philippines 2018	This year's conference theme focused on "Facing the Challenges of Industry 4.0". This gathering aimed to assist its engineering school members in the advancement of engineering education	Holy Angel University, Angeles Pampanga	Dr. Arnold R. Elepaño, Dr. Myra G. Borines, Dr. Fernando O. Paras Jr., and Dr. Kevin F. Yaptenco	ABPROD-IAE, AMD-IAE, and DChE	Participants
65		BAFS National Public Consultative Meeting		Icon Hotel, North Edsa, Quezon City	aP Vicente G. Ballaran, Jr.	AFSD-IAE	Participant
66	26 October 2018	National Public Consultative Meeting (PCM) for The Revision of Philippine Agricultural Engineering Standards (PAES) for Slaughterhouse, Lairage and Cattle Restrainer		Icon Hotel, North Edsa, Quezon City	Engr. Darwin C. Aranguren	AMTEC	TWG Member
67		SAIS Training for new faculty		ILC, NCAS, UPLB	VP Nisola and JZ Alcantara	DChE	Participants
68		DTI Technical Committee on Nanotechnologies (BPS/TC 85) Meeting		ADMATEL DOST-Taguig	Mr. Ronaniel A. Almeda and Ms. Maris L. Bayhon	ABPROD-IAE	Participants
69	26-28 October 2018	Bohol Agro-Fisheries Congress 2018		Bohol Gym, Tagbilaran City, Boholg	aP Mark Keylord S. Onal	AMD-IAE	Participant
70	28-31 October 2018	"Determination of Hosting Capacity of Solar and Wind Distributed Generation (DG) Using Stochastic Approach" TENCON 2018		Ramada Plaza Hotel, Jeju, South Korea	aP Rodolfo A. Aguirre	DEE	Presenter / Participant / Author
71	29 October 2018	Executive Committee Planning and Workshop	Presentation of plans for 2018-2020	Vira-Laus San Souci Resort, Indigo Bay Subdivision, Calamba City, Laguna	Dr. Arnold R. Elepaño, Dr. Myra G. Borines, Engr. Mary Louise P. Pascual, Ms. Mary Jane F. Gallardo, and Mr. Russellen Baraquo	DO	Participants/Organizer
72		Standard First Aid Training	• Standard First Aid Training (i.e. proper CPR, bandaging, lifting, etc.) • Hands on Training	CEC, UPLB	Engr. Marck Ferdie V. Eusebio	BIOMECH	Participant
73		First Aid Training for UPLB Faculty and REPS		Obdulia F Sison Hall (CEC), UPLB	Engr. Raymond S. Mabilangan, Engr. Athena P. Lavega, and aP Anie Liza C. Pintor	DEE	Participants
74		CEAT Executive Committee Planning/Workshop for 2018-2020 and Team Building Activities		Bagong Kalsada, Calamba City, Laguna	CEAT Executive Committee Members	CEAT	Participants
75		First Aid Training for UPLB Faculty and REPS	Participants were trained in 1. responses to possible traumatic medical emergencies like choking, burns, fractures, etc; and, 2. lifting/carrying casualties during emergency evacuation (non-traumatic cases)	CEC, UPLB	Engr. Stephanie Caridad DR. Landicho and aP Clarissa M. Pesigan	DIE	Participants
76	30 October 2018	PJABE Editorial Staff Meeting	<ul style="list-style-type: none"> Approval layout of PJABE 2018 Issue Vol. XIV for Dec 2018 – approved 6 articles (will be printed by Nov 2018) Updates on status of evaluation of submitted articles for PJABE XV- 8 articles on-going evaluation Publication of PJABE 2019 is tentatively set in 1st to 2nd Qtr 2019 Possibility of Special Issue for 2019 (20th Year of PJABE) Application for SCOPUS in 2019 Appointment of editorial staff is until December 2018 All editorial staff are willing to serve 	BIOMECH-IAE Conference Room	Dr. Engelbert K. Peralta, Editor in Chief Associate Editors Dr. Rossana Marie C. Amongo, Dr. Aurelio A. Delos Reyes, Jr., Dr. Monet Concepcion M. Detras, Dr. Ronaldo B. Saludes, Dr. Maria Victoria L. Laronna-Managing Editor, and Engr. Marck Ferdie V. Eusebio -Asst. Managing Editor for the issue	IAE, DChE, and BIOMECH	Publisher
77		AFMeC-PCAF-DA Task Force Special meeting	Drafting of the Local Engine Manufacturing Road Map	DA, Elliptical Road, Quezon City	Dr. Victor A. Rodolfo Jr.	BIOMECH	Task Force Chair

78	31 October 2018	HEI Database for the AFMechERN	Scheduled the Hands-on training for the HEI Visayas cluster	BIOMECH, CEAT, UPLB	Dr. Ronel S. Pangan, Engr. Alexis C. del Rosario, Engr. Marck Ferdie V. Eusebio, Engr. Adrian A. Borja, Engr. Marife R. Santiago	BIOMECH	Technical Expert
79	05-07 November 2018	2nd HITSS		DAP, Tagaytay City	aP Marion Lux Y. Castro, Dr. Ronaldo B. Saludes, and Dr. Omar F. Zubia	AFSD-IAE and AMD-IAE	Participants

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	On Going	BIOMECH/ IAE	Small Scale Irrigation Program for the Region IV A CALABARZON Region	On-going data collection, data for the different SSIPs in Laguna & Quezon; Mapping of the Potential Areas for SFRs and PISOs for Laguna and Quezon Province	Potential SSIP in the CALABARZON Region	Dr. Rossana Marie C. Amongo, Dr. Ronaldo B. Saludes, Dr. Roger A. Luyun, Jr., Engr. Ronnie C. Valencia, MG Acosta, Dr. Maria Victoria L. Larona, and Ms. Khendy SA. Bautista	DA-BAR
2	Completed project	BIOMECH	Policy Formulation of the Standard Procedure for Fishery Mechanization Index Integrating the Best Practices on the Utilization of Fisheries Mechanization Technologies (FMTs)	Terminal report preparation (October to November 2018)	Policy recommendation for the Fisheries Mechanization Procedure for the computation of the Fisheries Mechanization Index	Dr. Rossana Marie C. Amongo, Dr. Maria Victoria L. Larona, aP Mark Keylord S. Onal, Ms. Gherlee Nelle L. Lalap, Engr. Adrian A. Borja, and Engr. Mark Twain A. Limbo	PCAF-DA
3	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 Conducted of Needs and Design Assessment on October 22-26, 2018 On-going encoding, data processing and analysis and preparation of NADA Report	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. Quillo, 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
4	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- Project Leader MVAampo YEBarrodo Erepoldo	DOST-PCAARRD PhP 4.7M
5	On Going	BIOMECH/ 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	Potential SSIP in the Provinces of Mindoro	Dr. Rossana Marie C. Amongo, Dr. Ronaldo B. Saludes, Dr. Roger A. Luyun, Jr., and Dr. Maria Victoria L. Larona	DA-BAR
6	On Going	BIOMECH/ 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	Collection of survey data from Laguna and Quezon Provinces On-going encoding, processing and analysis of data Mapping of the Potential Areas for SFRs and PISOs for Laguna Province	Potential SSIP in Region IV-A (CALABARZON)	Dr. Rossana Marie C. Amongo, Dr. Ronaldo B. Saludes, Dr. Roger A. Luyun, Jr., and Dr. Maria Victoria L. Larona	DA-BAR
7	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	Engr. Jose D. de Ramos, Engr. Marife R. Santiago, RPBarretto, JRCullat, and JLCasas	DA-BAR PhP 5M
8	On Going	BIOMECH	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 Oct. 3 2018 (DAR, SRA, NIA) Oct. 23, 2018 (PhilRice)	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
9	31 December 2018	IAE, DCE	The UPLB Off-Grid Community Based Sustainable Energy Research	On Going	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

10	01 April 2017 to 31 March 2019	LWRD-IAE	Development of Wireless Sensor Network-based Water Information System for Efficient Water Management in the Philippines	On Going	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. Vladimir Eusebio	CHED-PCARI
11	01 June 2017 to 30 November 2018	LWRD-IAE	Analysis of Irrigation Structures Sensitivity and Perturbations in Support for the Development of Improved Operation and Management (O & M) of UPRIS	On Going	Research	Dr. Mona Lisa De Los Reyes, aP Maurice A. Duka, and Engr. Jeffrey A. Gonzales	OVPAA-ECWRG
12	01 June 2017 to 30 April 2021	IPB, AMD-IAE, and ABPROD-IAE	Project 5. Assessment of Sugarcane Varieties and Germplasm Collection for Drought and Waterlogging Tolerance Component 1: Screening of Sugarcane for Drought Tolerance	On Going	Research	Dr. Kevin F. Yaptenco and aP Erwin P. Quilloy	Sugar Regulatory Administration
13	16 January 2018 to 16 January 2019	AFSD-IAE	Smart Plant Production In Controlled Environments	On Going	Research	Dr. Ronaldo B. Saludes and Engr. Jose Mari Cuasay	DOST-PCIEERD
14	01 May 2018 to 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	On Going	Research	Prof. Moises A. Dorado, aP Vicente G. Ballaran, REVLuna, Engr. Leo Niel T. Viado, JMSuarez, and KSGBrusola	DOST-PCAARRD
15	01 May 2018 to 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	On Going	Research	Dr. Roger A. Luyun,Jr., Dr. Ronaldo B. Saludes, Engr. Yaminah Mochica M. Pinca, Engr. Toni-An Mae C. Salcedo, aP Erwin P. Quilloy, and Paolo Rommel P. Sanchez	DOST-PCAARRD
16	02 April 2018 to 15 December 2018	LWRD-IAE	Assessing the Resurgent Irrigation Development Program of the Philippines – Communal Irrigation Systems Component	On Going	Research	Dr. Roger A. Luyun,Jr. and MM Garcia	PIDS
17	01 December 2017 to 310 November 2018	LWRD-IAE	Assessment of the Impacts of the National Research and Development Program on Organic Vegetables	On Going	Research	aP Rosa B. Delos Reyes	DOST-PCAARRD
18	Completed	BIOMECH	Development of a Comprehensive Mechanization Resource Mapping, Monitoring and Data Analysis System (M3DAS) for Planning, Implementation and Policy Data Generation for Government Departments and LGUs	Preparing proposal for optimization and piloting	M3DAS System for Mechanization Planning and Implementation on LGU, Provincial, Regional and National level	Engr. Alexis C. del Rosario, Engr. Jose D. de Ramos, Engr. Marife R. Santiago, Engr. Kristina K. Rellve, Engr. Danica C. Calanoga, Ms. Arlene M. Tolentino, Mr. Evan R. Reblora, and Ms. Alethea Colleen B. Escandor	PCAARRD-DOST

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C. Technical Assistance

No.	Date/Duration	Unit	Specific Title	Highlights	Venue	Personnel Involved	Role of Unit
1	22 October 2018	BIOMECH	Educational Visit from UP Integrated School (37 Senior High Students and 5 faculty members)	BIOMECH Presentation and tour to BIOMECH Display Area	ABPROD LR 1 and BIOMECH Display area	Engr. Marife R. Santiago and Engr. Marck Ferdie V. Eusebio	Received visitors in coordination with Office of the Public Relation, UPLB
2	22 October 2018	BIOMECH	Educational Visit from Mindanao State University – General Santos (47 AE196 students and 4 faculty members)	BIOMECH Presentation and tour to BIOMECH Display Area	ABROD LR 1 and BIOMECH Display area	Engr. Marife R. Santiago and Engr. Marck Ferdie V. Eusebio	Received visitors

D. Scientific Productivity

No.	Unit	Type of Publication	Title	Author (s)	Publisher	Date Published
1	LWRD-IAE	International	Quantification of an overlooked water resource in the tropical rainfed lowlands using Rapideye satellite data: A case of farm ponds and the potential gross value for smallholder production in southern Laos	C.Vote,P.Eberbach, T.Inthavong, RMLampayan, S.Vongthilard, LJWade	Elsevier	10 August 2018
2	LWRD-IAE	International	The application of best management practices increases the profitability and sustainability of rice farming in central plains of Thailand	RMLampayan	Elsevier	06 April 2018

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E. New Appointments/Resignations/Retirements

No.	Date	Unit	Name	Position
1	October 2018 to March 2019	BIOMECH	Engr. Roselle P. Barretto	University Research Associate II - Improvement and Promotion of a Technology Package for the Production of Powder from Turmeric for Commercial Application Project
2	01 October 2018	DES	Asst. Prof. Glenn V. Latag	Assistant Professor 1
3		DES	Asst. Prof. Victor Antonio N. De Padua	Assistant Professor 1
4	02 October 2018	CSC	Ms. Kylyn Morales	Councilor
5	04 October 2018	CSC	Mr. Celwyn Joseph De Roxas	CE Freshman Representative
6	04 October 2018	CSC	Mr. Anton Van Herrera	ChE Freshman Representative
7	04 October 2018	CSC	Ms. Princess Lacopia	EE Freshman Representative
8	04 October 2018	CSC	Ms. Kriztil Niña Isabella Montesclaros	ABE Freshman Representative
9	04 October 2018	CSC	Mr. Seth Reuelta	IE Freshman Representative
10	22 October 2018	DCE	Engr. Maricel DC. Aquino	Instructor 3

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F. Local and Foreign Visitors

No.	Date	Unit	Name	Organization	Place of Origin	Purpose of Visit
1	05 October 2018	DChE	Mr. Manny Mirabuenos, Ms. Anne Racoma, and Ms. Michelle Angeli Dimaano	Gokongwei Brothers Foundation Universal Robina Corporation	Pasig City, Philippines	Initial discussion on possible scholarship/internship/employment for BS ChE Major in SUTC
2	13 October 2018	DO	Ms. Maria Rowena M. Najarro	PAL Express		discussed Industry-Academe linkage program of CEAT and possible areas of partnership with the college
3	19 October 2018	DEE	Prof. Sang-Gug Lee (EE), Prof. Dong Eui Chang (EE) Prof. Minyuk Je (EE)	Korea Advanced Institute of Science and Technology (KAIST), School of Electrical Engineering	Daejeon, Korea	To give a talk to BSEE/BSCS students about their graduate program; to meet DEE and ICS faculty members for possible collaboration F. Visiting
4		CSO	Ms. Zenaida Dimalanta and other representatives	PhilDev	Manila	To communicate scholarship opportunities provided by Phildev
5	22 October 2018	DChE	Dr. Ruey-an Doong Dr. Yuh-Chang Sun Dr. Hsin-Cheng Chiu Dr. Chien-Hou Wu	National Tsing Hua University	Hsinchu, Taiwan	Seminar and discussion on possible collaboration

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G. Visiting Exchange Faculty/Students

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

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H. New MOU/MOA

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

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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		NONE				
2						
3						

J. Other Announcements (Renewal of Appointments with Promotion)

No.	Effectivity	Name	Unit	Previous Designation	New Designation
	NONE				

AMTEC Announcements

- (1) MOA for the Php35M from DA – OC, October 26, 2018
- (2) Public Bidding for the project: “CONSTRUCTION OF NEW AMTEC AGRICULTURAL MACHINERY SHED AND TESTING FACILITIES (PHASE 1), AMTEC COMPOUND, FOR THE UNIVERSITY OF THE PHILIPPINES LOS BAÑOS COLLEGE, LAGUNA” held last October 24, 2018, total of four (4) bidders (ABC: ₱ 12,972,385.69). Only two (2) bidders passed the initial stage and was subjected to bid and post-qualification evaluation.
- (3) Meeting with BAFE Staff (4) headed by Engr. Cristy Polido last October 31, 2018. Re: Testing Protocol for SPIS and re-classification of agricultural and fisheries machinery based on Food Safety Act.
- (4) 5th Annual Meeting of ANTAM on November 28-30, 2018 in Yogyakarta, Indonesia with Philippines as Chair for 2018 (ALFajardo and AADelos Reyes).

DCE Announcements:

Engr. Nimfa Maren S. Tabucal, Instructor 5, resigned effective 01 January 2019

DIE Announcements:

- (1) UIS Evaluation Preliminary Results Presentation will be held on November 12, 2018
- (2) Engr. Micah A. Ramirez got accepted for the Batch 3 of Data Science training program managed by DOST-PCIEERD, in partnership with local startup Moocs PH last 26 October 2018. The program course (offered by Johns Hopkins University) is delivered purely online through Coursera. She is currently taking Modules 1 and 2 (prerequisites for higher modules) scheduled from October Wk.4 to November Wk4

IAE Announcements:

- (1) Visitor from Philippine Agritecno Yazaki Agency Representative Office - Mr. Akira Akichika, Assistant Manager, Project Planning, Corporate Planning Division - 31 October 2018
- (2) Pre procurement meeting today for IAE/AFSD/LWRD compound

CSO Announcements:

Pre-registration Schedule:
 12 November 2018 (Monday) – Graduating and graduate students
 13 November 2018 (Tuesday) – Batch 2014 and earlier and graduate students
 14 November 2018 (Wednesday) – Batch 2015 and Batch 2016 and graduate students
 15 November 2018 (Thursday) – Batch 2017 and Batch 2018 and graduate students
 16 November 2018 (Friday) – Batch 2018 and graduate students

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

No.	Concerns and Issues	Status	Unit
1	Slow internet connection at DIE Building	No update yet	DIE