

**COLLEGE: CEAT**  
**Execom Meeting - December**

**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	05-06 November 2019	International Symposium on Transportation in Emerging Countries		Hasselt University, Belgium	Dr. Marloe B. Sundo	DCE	Participant
2	06-09 November 2019	Short course on postharvest handling of pineapple		Manolo Fortich, Bukidnon	Dr. Kevin F. Yaptenco	ABPROD	Resource Speaker
3	07 November 2019	CEAT Execom Workshop	Discussion of the plans and targets of the different CEAT units	Eleven-22 Private Hot Spring Resort, Indigo Bay, Bagong Kalsada, Calamba, Laguna	CEAT Executive Committee Members	CEAT	Organizers and participants
4		Presented paper during the 1st National Scientific Conference on Water	Presented paper entitled: "Integrated Water Quality Management and Assessment: Challenges and Initiatives for the MMORS", during the 1st National Scientific Conference on Water	SEARCA, UPLB	Dr. Veronica P. Migo	DChE	Presentor
5		CEAT EXECOM Planning Workshop		Eleven-22 Private Hot Spring Resort, Indigo Bay, Bagong Kalsada, Calamba, Laguna	aP Annie Liza C. Pintor	DEE	Participant
6	07-08 November 2019	Training on the ORM of the Floating-type seaweed dryer	Members of the Fishcage Association of Sta. Teresa were trained on how to properly operate the seaweed dryer and how to conduct simple repair and maintenance	Sta. Teresa, Magsaysay, Occidental Mindoro	Dr. Ronel S. Pangan	BIOMECH	Resource Person
7		Training on Procurement 202: Doing Right Procurement Doing Procurement Right -- Discussion on RA 9184 and the 2016 IRR and other new GPPB policies on procurement		Trees, CFNR UPLB	Dr. Rossana Marie C. Amongo, Dr. Arthur L. Fajardo, Dr. Ralph Kristoffer B. Gallegos, and aP Paolo Rommel P. Sanchez	AMD-IAE	BAC Infra Members and TWG
8	08 November 2019	Rapid Mechanization Assessment Project for SRA	Meeting of BIOMECH, UPLB-FI and SRA staff on MOA details of the project	SRA, Diliman, Quezon City	Engr. Alexis C. del Rosario	BIOMECH	Proponent
9		Research 2: Pre Oral Defense	Grade 11 high school students of Philippine Science High School- CALABARZON presented the outline of their research studies to a pool of examiners to improve their research designs	Philippine Science High School-CALABARZON Region Campus, Batangas City	Engr. Mark Joseph S. Villanueva	DIE	External Examiner
10	11 November 2019	Stay Safe, Stay Protected : Safe Sex Awareness Forum	In partnership with Alpha Phi Omega Service Sorority; Held to increase the awareness for use of contraceptives and teenage pregnancy	CEAT Lecture Hall, CEAT, UPLB	CSC	CSC	Organizer
11	11-14 November 2019	Coordinate lecture-seminar of Dr. Paul R. Armstrong in CLSU, consult with PHILMECH and PHILRICE researchers on drying equipment and protocols		CLSU, PhilMech, PhilRice, (Munoz, Nueva Ecija)	CLSU, PhilMech, PhilRice, (Munoz, Nueva Ecija), aP Rina A. Bawar, aP Fidelina T. Flores, Engr. Luther John R. Manuel, Engr. Jeric Rosales, and Engr. Joan Foliente	ABPROD-IAE	Facilitators, researchers
12	12 November 2019	Meeting with Prof. M. Reyes of KSU for the Oggun Tractor Workshop and Collaborative Initiatives on Conservation Agriculture	•Discussion of consultative workshop schedules for 13-14 Jan 2020 •Meeting with Dean Elepano on other collaborative undertakings between KSU, UPLB and other institutions	BIOMECH and Dean's Office	Dr. Victor A. Rodulfo, Jr., Engr. Alexis C. del Rosario, Dr. Ronel S. Pangan, and Dr. Arnold R. Elepaño	BIOMECH	Collaborators
13	13 November 2019	ENGAGE: ENSC 12 Tutorials	In partnership with the League of Agricultural Engineering Students (NG); In preparation for the ENSC 12 third exam	CEAT Lecture Hall, CEAT, UPLB	CSC	CSC	Organizer
14		Analytics Methodologies	Organized by Data Science Philippines; Various talks from practicing and expert data scientists and business analysts covering Natural Language Processing, Data Analyses, and Asking the Right Data Science Question	Carlos P. Romulo Auditorium, RCBC Plaza, Ayala Makati City	aP Micah A. Ramirez and Engr. Stephanie Caridad DR. Landicho	DIE	Participants

15	13-15 November 2019	Training on the Development of Small Scale Irrigation Project Suitability Maps CALABARZON and MIMAROPA	Training on SSIP Suitability Map generation	CEC, UPLB	Dr. Rossana Marie C. Amongo , Dr. Roger A. Luyun, Jr., Dr. Ronaldo B. Saludes, aP Patrick Lemuel P. Relativo, MG Acosta, K Abellera, Dr. Maria Victoria L. Larona, RSD Duminding, Engr. Ronnie C. Valencia, and Ms. Myla I. Idian	AMD-IAE and BIOMECH	Organizers
16	14 November 2019	BIOMECH Technical Staff Special Meeting 1	<ul style="list-style-type: none"> <li>•Planning for Consultative Workshop to Assemble and Transfer of Technology of an Open System Tractor Design and its Conservative Agriculture for Sustainable Intensification (CA4SI) Implements in the Phil.</li> <li>•Revision of the draft Pledge of Commitment between BIOMECH, DEBESMSCAT, DAR-Masbate, and Lantangan People's Organization (LAPO)</li> </ul>	BIOMECH Director's Office	Dr. Victor A. Rodulfo Jr., Dr. Ronel S. Pangan, Engr. Alexis C. del Rosario, Dr. Maria Victoria L. Larona, Engr. Marck Ferdie V. Eusebio, and Ms. Aileen M. Eusebio	BIOMECH	Proponent
17	14-15 November 2019	Sample obtaining of hybrid rice seed for NIR project		Davao	Engr. Luther John R. Manuel	ABPROD-IAE	Researcher
18	15 November 2019	Lecture Seminar on NIR Spectroscopy (Theory, Instrumentation, Applications) by Dr. Paul Armstrong, ERDT Visiting Professor		CEAT Lecture Hall, CEAT, UPLB	Dr. Arnold R. Elepaño, Dr. Myra G. Borines, Engr. Mary Louise P. Pascual, and Ms. Mary Jane F. Gallardo	CEAT-DO	Co-organizers
19	16 November 2019	paSIGNALan 13 "Phase to Phase", EE171 Exam-Quiz Contest		EE Auditorium, CEAT, UPLB	aP Annie Liza C. Pintor, <b>GYRG, RCVT</b>	DEE	Organizers/Judges
20	17 November 2019	SNCEC inter-University Quiz Bowl	Coached students for the annual quiz contest. The students composed of two teams and were able to place a team as 2nd runner-up.	PHILVOCS, UP Diliman	<b>RRR Sazon</b> and Dr. Jerico Z. Alcantara	DChE	Coach/Participant
21	18 November 2019	Lecture Seminar on Grain Storage (Insect/Moisture Control, Mycotoxins, and Sampling Method/Requirement) by Dr. Paul Armstrong, ERDT Visiting Professor		CEAT Lecture Hall, CEAT, UPLB	Dr. Arnold R. Elepaño, Dr. Myra G. Borines, Engr. Mary Louise P. Pascual, and Ms. Mary Jane F. Gallardo	CEAT-DO	Co-organizers
22	18-19 November 2019	Regional coordination meeting with DA Region IVB		Puerto Princesa, Palawan	Prof. Moises A. Dorado	AFSD-IAE	Presentor
23	18-22 November 2019	Training on Farm Electrification Design - Training of 20 DA-Reg IV-A and BAFE AB Engineers		Oasis, Tanza, Cavite	Dr. Rossana Marie C. Amongo, Dr. Omar F. Zubia, aP Erwin P. Quillooy, aP Paolo Rommel P. Sanchez, and aP Adrian A. Borja	AMD-IAE	Lecturers
24		Compendium on the Procurement of Agricultural & Fisheries Machinery	Updates and revision on the compendium	Tagaytay City	Engr. Romulo E. Eusebio and Engr. David Bondoc	AMTEC	Consultants
25	19 November 2019	Interview of applicants for Engineer II position (previously occupied by AA Borja)	Four (4) applicants were interviewed	BIOMECH Conference Room, CEAT, UPLB	Engr. Victor A. Rodulfo Jr., Dr. Ronel S. Pangan, Engr. Alexis C del Rosario, Engr. Jose D. de Ramos, Engr. Marife R. Santiago, Dr. Maria Victoria L. Larona, Engr. Jonathan C. Orozco, Engr. Marck Ferdie V. Eusebio, and Ms. Aileen M. Eusebio	BIOMECH	Hiring Unit
26	20-21 November 2019	2019 National Agricultural and Fisheries Mechanization Summit	<ul style="list-style-type: none"> <li>•Presentation of the accomplishments of the National Agriculture and Fisheries Program of the AFMech Law</li> <li>•Issues and Challenges on the Implementation of AFMech Law</li> <li>•Plans and program in the implementation of AFMech Law (Way forward)</li> </ul>	Orchid Garden, San Fernando, Pampanga	Dr. Victor A. Rodulfo Jr., Engr. Alexis C. del Rosario, Dr. Maria Victoria L. Larona, and AD Salandanan	BIOMECH	Participants and resource persons
27		Presentation of the different accomplishments and issues and challenges in the implementation of AFMECH LAW (RA 10601)		The Orchids Hotel SanFernando Pampanga	Dr. Rossana Marie C. Amongo, Dr. Arthur L. Fajardo, Dr. Ralph Kristoffer B. Gallegos, and RSDDuminding	AMD-IAE	Presenter/participants
28	20-22 November 2019	Moderator during the 12th National Shrimp Congress	Served as moderator during the 12th National Shrimp Congress "Strengthening Synergies towards a Progressive Shrimp Industry for Global Competitive Advantage"	SMX Convetion Center, Bacolod City	Dr. Veronica P. Migo	DChE	Moderator
29		AFMech Summit	Lecture	Angeles, Pampanga	Dr. Arthur L. Fajardo and Ms. Cielo Anne C. Pabella	AMTEC	Participants

30	21 November 2019	AMPLIFY: PHYS 51 Tutorials	In partnership with the UP Alliance of Chemical Engineering Students; Event for Freshmen taking Phys 51 in preparation for their 5th and 6th exams	CE Conference Room, CEAT, UPLB	CSC	CSC	Organizer
31	21-22 November 2019	Project Partners' Meeting between BIOMECH, DEBESMSCAT, DAR-Masbate, and LAPO	•Courtesy call to DEBESMSCAT President Renee Lamela and VP for Academic Affairs Efren Cajurao •Site visit/inspection and courtesy call to LAPO officers	•President's Office DEBESMSCAT •LAPO Shed	Dr. Ronel S. Pangan and Engr. Marck Ferdie V. Eusebio	BIOMECH	Project Proponent
32		CEAT Admin Personnel Workshop and Teambuilding	Teambuilding of admin personnel	Calamba City, Laguna; Taytay, Rizal	Ms. Loyola A. Lantican, Ms. Sheila S. Limjap, Ms. Annaliza D. Manuel, and Ms. Marilyn E. Tonio	OCS	Participants
33	21-23 November 2019	•Rapid assessment of high capacity corn mill •Visit to MACO Cooperative (Official trip to Bukidnon)	•Rapid assessment of initial prototype of high capacity corn mill and interview with users •Interview with Chairman of MACO cooperative on status of custom service machines for the PCAARRD project	•Samahang Nayon Imapasug-Ong FA (Impasug-Ong, Bukidnon) •MCO Cooperative (Maramag, Bukidnon)	Engr. Alexis C. del Rosario	BIOMECH	Proponent
34		KEEP-I (Kaist EE Partners-International)		KAIST School of EE, Daejeon, South Korea	Engr. Melvin C. Ilang-ilang, Engr. Raymond S. Mabilangan, aP Annie Liza C. Pintor, and John Paolo A. Ramoso	DEE	Participants
35	21-26 November 2019	5th Member mtg of the Regional Council of Agricultural Machinery Association in Asia and the Pacific (ReCAMA)		Chitwan, Nepal	Dr. Rossana Marie C. Amongo	AMD-IAE	Participant
36	22-23 November 2019	QA Coordinators Planning Wokshop "Strengthening Academic Excellence in UPLB"	Participated in the workshop on AUN QA SAR, IADDs+ and EU share	CEC, UPLB	Dr. Myra G. Borines	DChE	Participant
37	23-30 November 2019	DOST-Japan Society for the Promotion of Science (DOST-JSPS), Lab Visit, Terahertz Training and Workshop		Molecular Photoscience Research Center, Kobe University, Japan	VJLB	DEE	Participant
38	25 November 2019	BIOMECH Technical Staff Special Meeting 2	•Updates on the Consultative Workshop to Assemble and Transfer of Technology of an Open System Tractor Design and its CA4SI Implements in the Phil.; BIOMECH Planning Workshop	BIOMECH Conference Room	Engr. Victor A. Rodolfo Jr., Dr. Ronel S. Pangan, Engr. Alexis C del Rosario, Engr. Jose D. de Ramos, Engr. Marife R. Santiago, Dr. Maria Victoria L. Laron, Engr. Jonathan C. Orozco, Engr. Marck Ferdie V. Eusebio, and Ms. Aileen M. Eusebio	BIOMECH	Proponent
39		Kalinangan: A Cultural Exchange Seminar Workshop	Seminar that aims to equip frontliners with skills and understanding of life, tradition, and culture of international students (Ghana)	Makiling Ballroom Hall, SU	Mr. Reydel L. De Chavez	OCS	Attendee
40	25-29 November 2019	Training of SARAI-SEAMS to Davao Region personnel		Davao City	Prof. Moises A. Dorado	AFSD-IAE	Presentor
41	25 November, 2 and 9 December 2019	PPMP/APP and Budget Management - Procurement Officers Training		ICOPED, CEM UPLB	Dr. Rossana Marie C. Amongo	AMD-IAE	Participant
42	25 November and 06 December 2019	Procurement Officers Training	Training on the implementation of relevant procurement regulations, budgeting conventions, and management of office expenses	ICOPED Auditorium, CEM, UPLB	Mr. Sofio M. Eusebio	DES	Participant
43	26-27 November 2019	Techno-Forum on Seaweed Drying Technology	A techno-forum regarding the UPLB developed seaweed drying technology was conducted attended by the seaweed farmers of different municipalities of Zamboanga del Sur	Chandler Suites, Pagadian City	Dr. Ronel S. Pangan	BIOMECH	Resource Person
44	26-30 November 2019	Conduct of survey for the Core Project on Impact Assessment of the Agricultural Mechanization RDE Interventions of BIOMECH in Selected Project Sites for Study 3. Impact assessment of the BIOMECH Mechanization RDE Interventions in the Province of Cebu	•Meeting with Manufacturer •Survey of technology user/beneficiaries of mechanization technologies distributed through the collaboration of OPA Cebu, FSTP and BIOMECH	Municipalities of Tabogon, Carmen, Borbon, Catmon, Danao City, Liloan of Cebu Province	Engr. Alexis C. del Rosario, Dr. Maria Victoria L. Laron, Engr. Jose D. de Ramos, and Engr. Marife R. Santiago	BIOMECH	Project Implementers
45	27 November 2019	FGD and Farmers Survey for the project on the determination of the Level of Mechanization for Region IV - Conduct of Farmers Survey		Rizal Province	Dr. Rossana Marie C. Amongo, Dr. Ralph Kristoffer B. Gallegos, Engr. Gherlee Nelle L. Lalap, RSDDuminding, and RAArrobang	AMD-IAE	Project Team

46	28 November 2019	AFMeC-PCAF Regular meeting	Post summit analysis and presentation of plans and activities for the coming years	DA, Quezon City	Dr. Victor A. Rodulfo, Jr. and Engr. Darwin C. Aranguren	BIOMECH	Members
47	28-29 November 2019	Pilot area selection	Site visits were conducted as well as meeting with LGU and seaweed farmers' association members for possible pilot site of the UPLB developed seaweed dryer	Perez, Quezon	Dr. Ronel S. Pangan, Mampo, and Ybarredo	BIOMECH	Project Staff
48	02-06 December 2019	Speaker on Precision Agricultural/Digital Agribusiness; presented through skype		Islamabad, Pakistan	Dr. Arnold R. Elepaño	ABPROD-IAE	Speaker
49		Refresher Course in the Testing and Evaluation of Agricultural and Fisheries Machinery	PNS/PAES updates; instrumentation; hands on testing; test report preparation	Toledo, Cebu	Engr. Romulo E. Eusebio, Engr. Ellthon I. Turtor, Mr. Domingo L. Reboltan, and Mr. Joel R. Soriyao	AMTEC	Resource Person
50	03 December 2019	Serve the People Brigade: Tisoy Victims	Held by the Community Rights and Welfare Alliance of the All Student Councils Assembly; An ongoing drive for collecting donations for the victims of Typhoon Tisoy	Los Baños National High School, Laguna	CSC	CSC	Organizer
51	03-05 December 2019	BAFE-SRED and RAED-SRES Workshop	Test Report and Testing issues; tentative testing protocols for selected machinery	Dagupan City, Pangasinan	Dr. Arthur L. Fajardo, Engr. Leslie Oliver, and Engr. Trixie Magtalas	AMTEC	Resource Person
52	12-16 December 2019	Plenary Speaker "18th International Symposium on Advanced Technology"		Southern Taiwan Univ. and Technology, Taiwan	Dr. Arnold R. Elepaño and Dr. Myra G. Borines	ABPROD-IAE and DChE	Speaker
53	08-12 January 2020	Visit JPFA plant factory facilities and initial collaborative discussions with JPFA staff		Japan	Dr. Ronaldo B. Saludes	AFSD-IAE	Participant

**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 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. Quillooy	Sugar Regulatory Administration
2	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, REVLuna, Engr. Leo Niel T. Viado, JMSuarez, and KSGBrusola	DOST-PCAARRD
3	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	Dr. Roger A. Luyun, Jr., Dr. Ronaldo B. Saludes, Engr. Yaminah Mochica M. Pinca, Engr. Toni-Ann Mae C. Salcedo, aP Erwin P. Quillooy, and aP Paolo Rommel P. Sanchez	DOST-PCAARRD
4	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	Finalized the survey instruments for rice and corn; Conduct of assessment survey in Palawan and preparation for the other provinces in Region IV Preparation for the national workshop for the methodology for the MAP project	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 mech; Mechanization Gaps; Machinery requirement per province	Dr. Rossana Marie C. Amongo, Dr. Maria Victoria L. Larona, aP Mark Keylord S. Onal, Dr. Arsenio N. Resurreccion, Engr. Gherlee Nelle L. Lalap, RSDG Duminding, Engr. Ronie C. Valencia, and Ms. Myla I. Idian	DA-BAR
5	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. Quillooy	PCAARRD-DOST
6	2019	AMD-IAE	Environmental Adaptation Technologies & Systems (EATS) for Food ERDT on Environment & Infrastructure Program	Proposal	Research	Dr. Rossana Marie C. Amongo, Dr. Ronaldo B. Saludes, Dr. Roger A. Luyun, Jr., Engr. Ronie C Valencia, MG Acosta, Ms. Khendy S. Bautista, Dr. Maria Victoria L. Larona, Engr. Adrian A. Borja, and RSD Dumingding	DA-BAR
7	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	On-going data collection of the different SSIPs in Mindoro Provinces; Mapping of the SSIP potential areas in Oriental Mindoro Provinces	Maps of Potential SSIPs 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
8	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 of the different SSIPs in Cavite, Laguna, Batangas, Rizal, Quezon; Mapping of the SSIP potential areas in Region IVA	Maps of Potential SSIP in Region IVA	Dr. Rossana Marie C. Amongo, Dr. Ronaldo B. Saludes, Dr. Roger A. Luyun, Jr., Engr. Ronie C. Valencia, MG Acosta, Ms. Khendy S. Bautista, Dr. Maria Victoria L. Larona, and Engr. Marck Ferdie V. Eusebio	DA-BAR
9	On Going	BIOMECH	Optimization and Pilot Testing of the Developed Drying System for Seaweeds	Completed the drying experiments for the optimization study in Romblon	Commercial prototype of seaweed drying system	Dr. Ronel S. Pangan, MVAampo, YEBarredo, and Mr. Eric Repoldo	DOST-PCAARRD PhP 4.7M

10	On Going	BIOMECH	Improvement and Promotion of a Technology Package for the Production of Powder from Turmeric for Commercial Application	a. Deployment and preliminary performance testing of a solar tunnel dryer in Dumingag, Zamboanga del Sur b. Completed fabrication of an improved turmeric slicer and sieve separator c. Conferred with the newly-elected municipal mayor of Dumingag regarding project implementation	a. Test results b. Proposed revision and re-signing of the Pledge of Commitment between BIOMECH-CEAT and the LGU	Dr. Jose D. de Ramos and Engr. Marife R. Santiago	DA-BAR (Php 5M)
11	On Going	AMD-IAE and BIOMECH	Assessment of the Level of Mechanization of the Rice and Corn Productions Systems in the Philippines	Finalized the survey instruments for rice and corn; Conduct of assessment survey in Palawan and preparation for the other provinces in Region IV Preparation for the national workshop for the methodology for the MAP project	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 mech; Mechanization Gaps; Machinery requirement per province	Dr. Rossana Marie C. Amongo, Dr. Maria Victoria L. Larona, aP Mark Keylord S. Onal, Dr. Arsenio N. Resurreccion, Engr. Gherlee Nelle L. Lalap, RSDG Duminding, Engr. Ronie C. Valencia, and Ms. Myla I. Idian	DA-BAR
12	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
13	01 January 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
14	01 January to 30 December 2019	ABPROD-IAE	DOST SIBOL LABS: Startup Innovation and Business Opportunity Linkage Labs	On-going	Extension	Dir. Glenn B. Baticados (PL) and Dr. Kevin F. Yaptenco	PCIEERD
15	On-going	BIOMECH	Assessment and Analysis of the Effects of the Extensive Use of Mechanization on Farm Labor Use and Patterns: Study in Support for Policy on Sustainable Human Resource Development of the Agricultural Labor Sector	Project inception, hiring of staff, project mobilization, pre-test of survey questionnaires, gathering of secondary data	Assessment and analysis of changes in labor use in rice and corn farms as caused by increasing mechanization	Dr. Victor A. Rodulfor Jr., Engr. Alexis C. del Rosario, Dr. Maria Victoria L. Larona, G Opuencia, A Salandanan, and A Eusebio	DA-PCAF
16	Proposal	BIOMECH	Establishment of Custom Service Providers of Mechanized Technology for Select Rice Production Areas of the Country	For re-evaluation and change of funding source			DOST-PCAARRD
17	January 2020 to December 2020	DIE	Designing an Information Systems Framework for Collaborative Technologies for Digitized Open Innovation Network for Inclusive Growth (DOING)	Define and specify the role of various R&D actors in the collaborative innovation landscape; Characterize information availability and needs of R&D actors in the collaborative innovation landscape; Characterize the workflow and interactions of partnering R&D actors with the intermediary; Assess the current R&D landscape of the pilot case	Workflow; Framework; Technology patent	Study Leader: aProf. Micah A. Ramirez Co-Study Leader: Dr. Diane De Silva	OVCRE-UPLB

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**C. Technical Assistance**

	<b>Date</b>	<b>Unit</b>	<b>Specific Title</b>	<b>Highlights</b>	<b>Venue</b>	<b>Persons Involved</b>	<b>Role of Unit/Persons Involved</b>
1	21 October and 6 November 2019	BIOMECH	Consultation about drip irrigation system for romaine lettuce	<ul style="list-style-type: none"> <li>•Collection of farm data relevant to drip irrigation system</li> <li>•Initial computation of water requirement</li> <li>•Tentative schedule for site visit</li> </ul>	BIOMECH 2nd floor, CEAT, UPLB	MFV Eusebio	Technical Expert
2	28 November 2019	BIOMECH	Educational Tour of MSU GenSan students (approx. 100)  Thesis consultation of selected MSU GenSan students	<ul style="list-style-type: none"> <li>•Orientation about BIOMECH</li> <li>•Showcase of BIOMECH developed machines</li> <li>•Cage wheel design</li> <li>•Modified knapsack sprayer design (push type)</li> <li>•Rice transplanter design</li> </ul>	BIOMECH display area, CEAT, UPLB	MFV Eusebio	Technical Expert

D. Scientific Productivity

No.	Unit	Type of Publication	Title	Author (s)	Publisher	Date Published
1	DChE	Journal Article	Optimization of a downdraft furnace for rice straw-based heat generation	MVP Migo-Sumagang, NV Hung, MCM Detras, CG Alfajara, MG Borines, JA Capunitan, M Gummert	Renewable Energy, Elsevier	09 November 2019



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

<b>No.</b>	<b>Date</b>	<b>Unit</b>	<b>Name</b>	<b>Position</b>
	NONE			

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**F. Local and Foreign Visitors**

No.	Date	Unit	Name	Organization	Place of Origin	Purpose of Visit
1	04 November 2019	DChE	Engr. Maricris Vines as Resource Speaker for ChE 10 -Introduction to Chemical Engineering Profession	PIChE National President, DChE alumna		
2	25 November 2019	DChE	Dr. Michael Angelo Promentilla as Resource Speaker for ChE 10- Introduction to Chemical Engineering Profession	Professor, Chemical Engineering Department, De LaSalle University, DChE Alumnus		

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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
		NONE		

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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
		NONE				

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

No.	Effectivity	Name	Unit	Previous Designation	New Designation
	NONE				

**AMTEC Announcements**

(1) Ongoing construction of AMTEC Shed and Testing Facilities (Phase II)- 80% work accomplishment as of 08 October 2019. No update from the Project Engineer.

(2) On-going preparation of Voucher for the release of funds for the DOST-PCAARRD IDG Project (Engine Set Up) amounting to PhP4.84M.

(3) The rebid of the AMTEC Rehabilitation (DA grant, PHP6M) was conducted last December 2, 2019 with two (2) eligible bidders.

(4) 28 October 2019: Visitor (102 pax) from MSU-GenSan- Educational Trip

**DCE Announcements**

(1) The construction of the CE Laboratory Expansion will start on December 9, 2019. (100 days duration)

(2) DCE board exam result last November 2019: 96.92%, 2nd top performing school

**DChE Announcements**

(1) UPLB DChE Quiz Team won 2nd Runner Up in the Inter-University Chemical Engineering Competition 2019 held at the University of the Philippines Diliman on November 17, 2019.

(2) 78 out of 90 (86.67%) of UPLB DChE graduates passed the November 2019 Chemical Engineering Licensure Exam making UPLB as 2nd top performing school; One of our graduates Engr. Chester Jules Tantoco ranked 3rd place.

**IAE Announcements**

(1) IAE, CEAT, UPLB is Top performing School of PRC for having a 100% passing rate (48/48), with Engr. Alex Folloso as Top 5 in the October 2019 Agricultural and Biosystems Engineering Licensure Exam.

(2) Administrative secretaries of different IAE Divisions attended the ERDT Training at UP Diliman last 05-06 December 2019.

(3) Transfer of Ms. Olivia P. DeLuna to CVM effective 02 December 2019

(4) November 26 was the start of renovation of CR at IABE Director's Office Lobby, being done by OVCPD.

(5) Last November 27-28, we had our Palarong IABE 2019. Events played were billiards, bowling, basketball and volleyball. Awarding will be held during our Christmas Party on 12 December 2019

(6) Dr. Paul Armstrong, ERDT Visiting Professor, Lead Scientist & Research Engineer of United States Department of Agriculture visited IAE last 15-18 November 2019

(7) Exchange student from TMU - Undergrad non-degree special student -Mr. Atsushi Matano - 23 January 2020 - 31 May 2020

(8) The 105 Agricultural Engineering senior class and 5 faculty of Mindanao State University-General Santos visited IABE last 28 November 2019.

**CSO Announcements**

(1) 14-18 December 2019 – Submission of Grades

(2) 03 January 2020 – Deadline of readmission and extension documents in OVCAA

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

No.	Concerns and Issues	Status	Unit
1	MARamirez has submitted her letter of appeal regarding her merit promotion results to OVCAA last November 29, 2019	Pending action	DIE