





RENEWABLE ENERGY RESEARCH CENTER

Visca, Baybay City, Leyte, PHILIPPINES Trunkline No.: (053) 565-0600 local 1130 Email Address: rerc@vsu.edu.ph Website: www.vsu.edu.ph

OFFICE PERFORMANCE COMMITMENT & REVIEW (OPCR)

I, ELDON P. DE PADUA, Director of the Renewable Energy Research Center, commits to deliver and agree to be rated on the attainment of the following targets in accordance with the indicated measures for the period January - June 2024.

ELDON P. DE PADUA

RERC Director Date: July 4, 2024

TOTAL:

SANTIAGO T. PEÑA JR.

Vice President for Research, Extension and Innovation

Date: (

RDE Commitments*** INFORMATION ON PERSONNEL FULL-TIME TEACHING EQUIVALENT (FTE): Research **Publication Extension** Personnel Number (1) Min. FTE (2) Total FTE (1x2) Director (Designated, rated at DABE) Head, Technical Division (Affiliate, Designated) Head, Extension Division (rated at TVET) Administrative Staff (Permanent, rated at CET) Science Research Specialist (JO), Tech. Div. Science Research Specialist (JO), Ext'n. Div. Skilled Worker/Welder (JO) Semi-skilled Worker (JO), Tech. Div. Semi-skilled Worker (JO), Ext'n. Div. Affiliate Researchers (rated at DABE & DME) 3

Rating Equivalents:

5 - Outstanding

4 - Very Satisfactory

3 - Satisfactory

2 - Fair

1 - Poor

Note: * On vacation-sick-leave status. Ratio of Instruction and RDE commitments should determined based on FTE of 18 units

11

** On Teacher's Leave status. Minimum FTE required is 18 units

*** Professors and Associate Professors are required to commit RDE outputs (Please Performance Indicators under Research (UMFO 3) and extension (UMFO 4)

Note: No organic faculty. All FTEs are reflected in the OPCR of the home departments of the faculty.

MFO No.	Success/Performance Indicator (PI)	Units/ Persons Responsible		Ac	tual	Rating				Remark	
				% Accom- plishment	Details of Accom- plishment s	Quality	Efficiency	Timeliness	Average	(Details of the targetted output indicators with **)	% weight
MFO 1	ADVANCED EDUCATION SERVICES (20%)										
MFO ₃	RESEARCH SERVICES (10%)										
	PI 1. Number of research outputs in the last three (3) years utilized by the industry or by other beneficiaries *	Director, Researchers, & Staff	3	133%	4	5	5	5		1 Hydraulic ram pump demo unit (technical evaluation of 1 ram pump model#2 proto- type); 2 Evaporative Cooling system demo unit (automated proto-type), 3 optimization of single chamber syngas; 4) solar tunnel dyer	2%

2/4/2



	EPDP/ MGCS/NLL	3	0%	0	5	5	4	4.7	All projects are on-going projects.	2%
1101 1 dicontage of recourser suspense published	Director and Researchers	1	0%	0					Prepared but not yet submitted	1.50%
In refereed nat'l/regional journals	<u> </u>				-					0.50%
PI 4. Number of research outputs	EPDP/ MGCS/ NLL	1								
In int'l fora/conferences			100%	1	5	5	5	5.0	NLL: "Biodiesel Production from a by-product of an oven roasted chiken(Gallus gallus domisticus)", ICEAE 2024, Bangkok, Thailand, June 7-9, 2024;	1.50%
In nat'l/regional fora/conferences			100.00	1	5	5	5	5.0	NLL: "Optimization of Biodiesel Production from Waste Cooking Oil Vacuum-Fried Jackfruit (<i>Artocarpus heterophyllus lam.</i>) Pulp Processing", PSABE-8 Convention, Tacloban, March 14, 2024; NLL: "Optimization of Biodiesel Production from Waste Cooking Oil Vacuum-Fried Jackfruit (<i>Artocarpus heterophyllus lam.</i>) Pulp Processing", PSABE National Convention, Legazpi, April, 2024	0.50%
iri J. i el celli di lescal chi pioposais	Director & Researchers	1	0%	0	1.0	1.0	1.0	1.0	Prepared but not submitted	0.5%
PI 6. Additional outputs*										
	EPDP/ MGCS/NLL	1	500%	5	5	5	5	5.0	Assisted two (2) BSABE students, and three (3) SHS students in conducting their research at the Center	
I tallibol of flowly inlocality in	EPDP/ MGCS/NLL	1	100%	1	5	5	5	5.0	Installed one (1) automated drip irrigation system	

(*

	No. of research-related awards (research conducted by faculty or student w/ faculty)				4	5.0	5.0	5.0	5.0	1. Optimization of Biodiesel Production from Waste Cooking Oil Vacuum-Fried Jackfruit (Artocarpus heterophyllus lam.) Pulp Processing (1st place for best technical paper) 2. Waste to Fuel: Biodiesel Production from Chicken (Gallus gallus domesticus) Fat Oil and Waste Cooking Oil (1st place for best technical poster) 3. Optimization of Biodiesel Production from Waste Cooking Oil Vacuum-Fried Jackfruit (Artocarpus heterophyllus lam.) Pulp Processing (3rd place for best technical poster) 4. Water Quality Characterization Using UV-VIS-IR Spectroscopy (Best Paper VSU-IHS Annual Research Congress 2024)	1.50%
VIFO 4	EXTENSION SERVICES (10%)										
	PI 1. Number of active partnerships with LGUs, industries, NGOs, NGAs, SMEs, and other stakeholders as a result of extension activities *	Director, Researchers, & Staff	4	100%	4	5	5	5	5.0	Maintained partnerships with 3 local LGUs and 1 new partnership with the City Agriculture Office of Baybay	2.0%
	PI 2. Number of trainees weighted by the length of training *	Director, Researchers, & Staff	1								2%
	PI 3. Number of extension programs organized and supported consistent with the SUC's mandated and priority programs *	Director, Researchers, & Staff	1	100%	1	5	5	5	5.0	Maintained connections with the senior high schools (SHS) on familiarization of RE technologies and facilitating SHS research projects	2%
	PI 4. Percentage of beneficiaries who rated the training course/s and advisory services as satisfactory or higher in terms of quality and relevance*	Director, Researchers, & Staff									1%
	PI 5. Number of technical/expert services *	NLL/EPDP/M GCS	1								1%
	Research Mentoring										
	Peer reviewers/Panelists										
	Resource Persons										
	Convenor/Organizer					-					

	Consultancy				1	5	5	5	5.00	AG's Farm (Sto. Niño, Samar)	
	Evaluator										
	PI 8. Percent of extension proposals approved *	NLL/EPDP/M GCS	1	0	0	1.0	1.0	1.0	1.0	Prepared but not submitted	0.5%
	PI 11. Additional outputs *										
	No. of extension-related awards (extn.										1.5%
	conducted by faculty or student & faculty) *										111111111111111111111111111111111111111
	Number of RE demo unit maintained for educational purposes	Director and all Staff	10	110%	11	5	5	5	5.0	1) Solar tunnel dryer, 2) solar greenhouse dryer, 3) Solar evaporative cooler, 4) hydraulic ram pump, 5) syngas generator, 6) hydroxy gas generator, 7) solar lighting system, 8) aquaponics system, 9) Biomass pyrolisis machine, 10) Solar-powered Water Irrigation System, 11) Solar Convective Dryer	
	Number of extension delivery services	Director and	1	200%	2	5	5	5	5.0	1. VSU Anniversary	
	conducted/ coordinated/ participated: field	all Staff			_				0.0	2. Regional Science,	
	A STATE OF THE STA	and the control of the state of								Technology and Inovation	
	demo, agri-fair, field days, agri-exhibit, techno-									Week (RSTW)	
	forum, techno-festival	Director and	10	00004	20	-		-	5.0	Students requested for use or	
	Number of clients assisted in agri-fair, walk-in clients, training request, in-house reviews,	all Staff	10	320%	32	5	5	5	5.0	borrow of equipment	
	training and related activities.					-					
MFO 5	Support to Operations										
	OVPI MFO 1. Faculty Development Services					_					
	PI 1: Number of faculty pursuing	Dept. Head									
	advanced research degree programs (PhD) facilitated, monitored and assisted *	& Faculty									0.625%
	OVPI MFO 2. Faculty Recruitment/Hiring Serv	ices									
	PI 2: Number of faculty recruited/hired based	Dept. Head									
	on needed competencies and aligned with ISO standards *	& Faculty									0.125%
	OVPI MFO 3. Faculty Evaluation Services										
	PI 3: Number of seminars/trainings/										
	conventions/workshops coordinated for entire										0.25%
	university *										
	PI 4: Number of seminars/trainings/										
	conventions/workshops coordinated outside of the university *			-							0.25%
	PI 5: Percentage of faculty rated by students with at least very satisfactory rating in 50% of the subjects evaluated *										0.75%

1.90

	PI6: Number of in-house seminars/trainings/ workshops/reviews conducted * PI7: Additional outputs *	Director and Researchers	1								0.25%
	Number of faculty/staff awards/honors received related to operations support										0.25%
	Number of in-house seminars/trainings/ workshops/reviews attended	Director and Researchers and Staff	1	100%	1	5	5	5	5.0	2024 Research Writeshop (CCE)	
	OVPI MFO 4. Program and Institutional Accre	ditation Servi	ces								
	PI 8. Compliance to all requirements thru the established/adequate implementation, maintenance and improvement of the QMS of the core processes of the College/department under ISO 9001:2015*	Director and all RERC Staff	100% compliance	100.00	100% compliance	5	5	5	5.0	Abrupt response to the customer feedback report on suggestions and comments that need action; Use of standard forms, and; Abrupt action on documents received that used non-standard forms, etc.	2.50%
MFO 6	General Admin. & Support Services (GASS)										
	PI 1. Submission of College/Department PPMP for the following year within deadline as prescribed by BAC*	Director and Administrative Staff	5	100%	5	5	5	5	5.0	Submitted 5 indicative PPMP for 2024 within the deadline	1%
	PI 2. Zero percent complaint from clients served	Director and all RERC Staff	100%	100%	100%	5	5	5	5.0	Maintained a customer- friendly and efficient service.	2%
	PI 3. Number of coaching sessions among faculty & staff**	Director and all RERC Staff									
	PI 4. Number of planning sessions, tracking and monitoring of targets, etc. conducted to ensure attainment of department targets**	Director and all RERC Staff	4	125%	5	5	5	5	5.0	Conducted both regular and special meetings	
	PI 5. Number of monthly/special faculty & staff meetings conducted**	Director and all RERC Staff	12	67%	8	5	5	5	5.0	Meetings include both virtual and face-to-face. RERC	
	PI 3: Additional Outputs										
	Percentage of OFIs, NCs, and CARs received and acted upon	Director and all RERC Staff	0%	100%	100%	5.0	5.0	5.0	5.0	Attended all NCs, OFIs and CARs received and submitted corrective actions and action plans on schedule.	
	Number of Best practices/new initiatives in academic units' management replicated/benchmarked by other depts/agencies *	Director and all RERC Staff	1	200%	2	5	5	5	5.0	Regular updates on records management thru the CET-DRCC; Standardized labelling of records with the departments and units under the College of Enginering and Technology (CET)	2%

	Number of frontline services monitored and ensured to be customer friendly and efficient	Director	2	150%	3	4	5	5	4.7	One (1) clerk dDRC and one (1) skilled worker utility (1) alternate dDRC monitored	
	Number of documents prepared, reviewed, evaluated, signed, approved, photocopied, scanned	Director and Administrative Staff	200	1050%	2100	5	5	4	4.7	Attended at least 2100 documents	
	Number of committee meetings attended/facilitated	Director and all RERC Staff	3	0%		5	5	5	5.0	CDRCC meetings + Eqpt. & Calibration Comm. Meeting + 2 VSU Energy Conservation and Efficiency Committee Meeting + TWG for Eng'g Technology and Energy	
	Number of academic lecture/laboratory rooms maintained	Director and all RERC Staff	2	100%	2	5	5	5	5.0	One (1) biofuel laboratory and one (1) mini-lecture room maintained to the best condition	
	Area of lawn maintained (sq.m, approx.)	Director and all RERC Staff	1161	100%	1161	5	5	5	5.0	Maintained the cleanliness of the lawn area	
	Number of office and laboratory & office tools and equipment maintained to best condition	All RERC Staff	193	130%	251	5	5	5	5.0	Both laboratory and office eqpt. Maintained to the best condition	
Total C	Over-all Rating								136.00		
Averag	e Rating								4.70)	

Adjectival Rating

Note: EPDP-Eldon P. De Padua (Director) rated at DABE, MGCS-Ma. Grace C. Sumaria rated at DABE, NLL-Nilo L. Leorna rated at TVET, CME-Chizka Mae M. Estallo rated at RERC.

Received by:

TONI MARC L. DARGANTES

Planning Office

Date: JUL 1 5 2024

Calibrated by:

ELWIN JAY V. YU

Chairman, PMT

Date: 7-15-24

Recommending approval:

SANTIAGO T. PEÑA JR.

VPREI (

Date:

Approved:

PROSE IVY G. YEPES

President,

Date: _ 9/6/14

To indicate in the remarks column the details of the targetted outputs for easy review and calibration.

** No percentage weight for ranking purposes since these are activities only expected to be performed at the department level