OUTCOMES- BASED QUALITY ASSURANCE

PROGRAM PERFORMANCE PROFILE

1. Program

   a. Name of the Program : Bachelor of Secondary Education (BSED)

   b. Specialization/majors : Filipino

   c. Degree granted : BSED - Filipino

2. Academic unit where program is offered: College of Education – BSED Department

3. Institution

   a. Name : Dr. Emilio B. Espinosa Sr. Memorial State College of Agriculture and Technology (DEBESMSCAT)

   b. Location of the main Campus : Cabitan, Mandaon, Masbate
   c. Campus where Program is offered: Mandaon Campus

4. Name and title of the:

   a. Head/ Chair of the Program : Mr. Jessie L. Magalang, Jr.

   b. Dean/ Director of the academic Unit : Dr. Raiza M. Padasas

   c. President of the Institution : Dr. Arnel B. Millesca

5. Legal basis of the Program /BOR or BOT resolution, :
   Date of opening, etc. BOT Resolution No. 15-16

6. Accreditation visit applied for (Preliminary, 1st Survey, 2nd Survey, 3rd Survey, 4th Survey)
   2nd Survey

7. Present accreditation status and its inclusive period of effectively:
   March 15, 2027

PART V. RESEARCH

PARAMETER A. PRIORITIES AND RELEVANCE

- SYSTEM – INPUTS AND PROCESS

  - Present the institution's approved Research Agenda
    - https://drive.google.com/file/d/1M3yPhUJvMpIOCm3ejkBUNi6akO3gZG8Q/view?usp=driv e_link

  - Present the duly approved Research manual.
    - https://drive.google.com/file/d/18qGwzWCjNPJZoYsv643ENYHA6UMdigjs/view?usp=sha ring

  - Present the approved organizational structure of the Research Program.
    - https://drive.google.com/file/d/1U8FOh1FXK2Gt_V7yKTCIz2URU5z9aNm/view?usp=shar ing

- IMPLEMENTATION

  - The Institution's Research Program / Agenda for the program under survey.

Agenda /Thrusts	Specific Gov't Parallel to the Program	Objectives	Specific Research Projects/ Activities	Researcher/s	Specialization	Timeframe	Research Cost	Funding Source
		Pangunahing layunin ng pananaliksik ang makalikom ng mga piling sugilanon sa bayan ng Mandaon, Masbate, maisatitik sa Wikang Minasbate, at maisalin sa Wikang Filipino bilang tunguhang wika upang mabuo ng kompilasyon ng mga sugilanon at audio-visual translation bilang ambag ng pag-aaral.		Jessie L. Magalang Jr.	Filipino			

		Ginamit sa pag-aaral ang paraang fieldwork, descriptive at developmental. Sa pagpili ng lokal ng saliksik ay inilapat ang purposive sampling habang snowball sampling naman sa pagpili ng mga nagsilbing kalahok. Natuklasan na ang mga sugilanon ay patuloy na naipapasa henerasyon sa henerasyon sa pamamagitan ng tradisyong oral. Mula naman sa nalikom na mga sugilanon, lumitaw ang mga paksang kinapalooban ng pamumuhay o kabuhayan ng mga mamamayan ng lugar, kababalaghan, pananampalataya at kabutihang loob, makasaysaya ng pangyayari na naganap sa mga lugar at pinagmulan ng mga						

		pangalan ng mga lugar. Batay sa resulta ng isinagawang pagtataya ng mga juror at sa nakuhang weighted mean, ang palarawang antas ng kabisaan ng salin sa Filipino ay mabisang-mabisa habang angkop na angkop naman ang audio-visual translation bilang karagdagang kagamitang panturo batay sa kalidad ng nilalaman, kagamitang panturo at teknikal. Mayaman ang panitikan ng bayan ng Mandaon, Masbate ngunit karamihan ay hindi naisusulat dahil sa kakulangan ng kaalaman at kasanayan sa pagsulat na naging mitsa ng pagkamatay. Ang panitikan ay karugtong at may malaking impluwensiya sa paghubog ng						

		buhay ng bawat tao. Ang pagpili ng praktika at teorya sa pagsasalin ay lubos na nakapagpapanatili ng diwa o mensahe ng orihinal na teksto sa pagsasalinang wika. Ang pagbuo ng kompilasyon at anumang babasahin ay mabisang instrumento upang higit na mamulat at mapalawak ang kaalaman ng mamamayan sa kasaysayan at panitikan ng kanilang sariling bayan. At sa sistema ng edukasyon sa kasalukuyang panahon, ang mga makabagong teknolohiya ay may malakas na talab at impluwensiya bilang daluyan sa pagtuturo at pagkatuto.						
		Matukoy ang mg kahusayan ng mga mag aaral sa pagbasa batay sa kawastuhan,		Marivic C. Llarena	Filipino			

		bilis at wastong pagbigkas ng mga salitang nakasulat sa Ortograpiyang Minasbate Matukoy ang mga karaniwang suliranin na nararanasan ng mga mag aaral sa pagbabasa gamit ang Ortograpiyang Minasbate, particular sa pagkilala ng mga titik, pag-uugnay ng tunog at simbolo, ata pagbigkas ng mga salita. Matukoy kung may pagkakaiba sa antas ng kakayahan sa pagbasa ng mga mag aaral kapag pinangkat ayon sa kanilan baiting o antas ng pag aaral.						
		to determine the demographic profiles, challenges and metaphors of the leadership styles of female school heads based on their lived experiences during		Elreen A. Delavin, Elisa L. Rivas				

		pandemic.						
		to determine the lived experiences of students in a broken family and its effects on their academic endeavors.		Ella P. Lotivio, Jerah T. Cebuano				
		explores the Information and Communicat ion Technology (ICT) literacy and self-efficacy of 135 pre-		Alvin M. Mahawan				
		service teachers in Masbate, Philippines						
		This study examines ICT competence among teachers in Masbate, focusing on gender disparities. It aims to explore how gender influences ICT skills, assess the impact of gender mainstreaming initiatives, identify barriers to ICT development, and propose recommendati on s to address gender gaps. Using a descriptive research design, the study		Dr. Alvin M. Mahawan, Dr. Melinda D. De Guzman, Dr. Elreen Aguilar-Delavin, Dr. Milagros A. Celedonio				

		analyzes ICT competence across six dimensions: information and data literacy, communication and collaboration, digital content creation, safety and security, problem-solving, and reflection. Data were collected via a 42-item survey and the Higher Education Gender Mainstreaming and Development Guidelines (HGDG) from 41 teachers in public and private academic						
		institutions. Findings reveal that male teachers excel in advanced ICT skills, including complex searches and cloud-based storage management.						

		This study investigates teachers' information and communication technology (ICT) competence levels across six dimensions: information and data literacy, communication, and collaboration, digital content creation, safety and security, problem-solving, and analyzing and reflecting.		Dr. Alvin M. Mahawan , Dr. Melinda D. De Guzman				
		This feasibility study examined the proposed offering of a Doctor of Philosophy in Science Education at the Graduate School of Dr. Emilio B. Espinosa Sr. Memorial State College of Agriculture and Technology in Masbate, Philippines.		Elreen A. Delavin				
		This study explores explainable AI (XAI) techniques using the well-known UCI Student Performance		M. Ali Fauzi, Alvin M. Mahawan, Jeanette G. Bayona				

		dataset. We						
		evaluate seven classifiers, namely Logistic Regression, Decision Tree, Random Forest, XGBoost, LightGBM, Cat-Boost, and SVM, across two scenarios: one including prior academic performance (grades G1 and G2) and another excluding those grades to simulate an early-stage prediction setting.						

		This study explored the lived experiences of Grade 7 Araling Panlipunan teachers in writing critical thinking summative assessments. Specifically, it examined the challenges they encountered, the best practices they employed, and the intervention program that may be proposed to improve their assessment practices.		Princess *Z.* Balbuena				
		The study aimed to determine the effectiveness of computer-aided instruction (CAI) on students' conceptual understandin g in Life Science. The objectives of		Mr. Alvin M. Mahawan, Milagros A. Celedonio				

		the study is to develop lesson plans with computer-aided instruction packages; assess the developed lesson plans in terms of congruency of objectives, learning experiences, assessment of learning outcomes, features of computer-aided instruction packages, and to determine the effect of CAI on students' conceptual understanding.						
		The study aimed to analyze the socioeconomic characteristics of household beneficiaries, identify the different types of livelihood assets, and evaluate the livelihood key performance of Esperanza Seaweeds Culture-Enterprise Federation.		Alvin Masamoc Mahawan, Roger Ibañez, Jacob Frederick P. Velza				

		The study explored the self-representation of married female teachers with their work-life balance in Philippine public schools during pandemics through qualitative		Elreen Delavin, Angeline Mag-aso Pogoy				
		research using metaphorical analysis.						
		This study explored how school administrators experience and implement gender-responsive Early Childhood Education (ECE) in the Bicol Region, Philippines.		Elreen Aguilar-Delavin				

https://drive.google.com/file/d/1EoyQXVZRS3k8BvnydLBs1tgTnUNXBcnq/view?usp=drive_link

- Describe the congruence of the institutional research agenda with regional and national priorities especially with concerned government agencies.

The DEBESMSCAT institutional research agenda is anchored on national and international development priorities, particularly the United Nations Sustainable Development Goals, the Harmonized National Research and Development Agenda, and DOST's Pagtanaw 2050. These frameworks guide our research directions in agriculture, education, engineering, information technology, environmental science, and socioeconomic development. More importantly, we translate these priorities into research initiatives that address the actual needs of Masbate, particularly in food security, agricultural productivity, climate change adaptation, livelihood development, technological innovation, and community empowerment. Thus, our research agenda serves as a bridge between national development priorities and local community needs.

https://drive.google.com/file/d/1vVoyF5BX0WC0CixMd94_1Z6gNCEjYJQR/view?usp=drive_link

- Describe of stakeholder's participation in the formulation of the Research Agenda.

The formulation of the institutional research agenda follows a collaborative approach. The Office of the Vice President for Academic Affairs and the Research and Development Services Office provide the strategic direction, while the different colleges contribute their respective research priorities based on their expertise and available resources. The Research, Extension, Innovation, Creative Works and Knowledge Management Council provides an institutional mechanism for coordination and participation. This recognize the importance of external stakeholders, including LGUs, industries, people's organizations, students, and community representatives. Their needs and expectations are considered in the research planning to ensure that the research initiatives are relevant, responsive, and beneficial to the communities DEBESMSCAT serve.
https://drive.google.com/file/d/1vVoyF5BX0WC0CixMd94_1Z6gNCEjYJQR/view?usp=drive_link

- Research project / activities of the Program under Survey.

Research Project /Activity	Nature of Alignment to the Institutional Research Agenda
**No ongoing Research Project/activity*	

3. OUTCOMES

- Show evidences that priority researches are identified, conducted and the results are published.

https://drive.google.com/file/d/1MTmc1RBpiL3KSHJnZeDbKAWwK9Sn99EG/view?usp=drive_link

4. BEST PRACTICES

- Cite as may best practices as you can on Parameter A (Priorities and Relevance).

  ** No relevant data were identified that could be considered best practices under Parameter A (Priorities and Relevance).*

PARAMETER B- FUNDING AND OTHER RESOURCES

1. SYSTEM – INPUTS AND PROCESSES

- Present the Institution's approved budget for Research development.

- https://drive.google.com/file/d/1wQQSM634MiaUJJJLyUxcDzg15C4CaZi_/view?usp=drive_link

- Present the Research Fund allocation per College.

https://drive.google.com/file/d/1xAInqNHAB5C6XHyGmEoyKXS7k-snqJsG/view?usp=drive_link

**The attached document presents the institution-wide funding allocation for research services, however, it does not provide a breakdown of the specific funding allocated per college.*

2. IMPLEMENTATION

- Actual expenditures for research of the Academic Unit in the last 3-5 years.

Expenditure Item	CY 2023	CY 2024	CY 2025	CY 2026
1. Researcher's Incentives	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
2. Supplies and materials	309,200.00	238,500.00	143,492.80	260,000.00
3. Travel and Fuel	847,449.88	542,649.32	1,100,000.00	559,000.00
4. Capability Building	190,000.00	100,000.00	600,000.00	305,000.00
5. Acquisition of Equipment	725,800.00	300,000.00	652,000.00	469,000.00
6. Repair of Facilities	83,236.00	356,600.00	57,160.00	110,000.00
7.Communication/Dissemination	12,206.91	12,000.00	12,000.00	12,000.00
8. Others				
TOTAL	3,167,892.79	2,549,749.32	3,564,652.80	2,715,000.00

- Linkages established with research agencies/institutions

Agency or Institution	Address	Level (Int'l, Nat'l, Reg'l, Local)	Nature of Assistance
1. China University of Science and Technology	Taiwan	International	-Exchange of Faculty and Staff Members - Exchange of Students -Exchange of Publications and relevant academic and scholarly information -Joint research, lectures and symposia -Other activities such as deemed appropriate by mutual consent

2. Kun Shan University	Taiwan	International	- Faculty exchange for the purposes of delivering lectures, engaging in research, and participating in ongoing joint projects in various subject areas - Mutual participation of faculty in conferences, congresses, and symposia sponsored by each institution - Sharing of research and published materials in disciplines and areas of interest to both institutions - Joint project in research and curriculum development - Assistance with institutional and official networking in the country of each institution and in appropriate international frameworks and organizations
			- Student exchanges language acquisition or credit-oriented purpose - General academic cooperation

3. Universitas Brawiijaya	Malang, East Java, Indonesia	International	- Exchange of faculty and/or staff: - Exchange Of graduate and/or undergraduate student; - Exchange Of scientific material, publication, and information; - Exchange of cultural activity; - Joint conferences and academic program; and/or Joint research activity and publication;
4. Faculty of Computer Science	Universitas Brawijaya, Indonesia	International	- Exchange of faculty members, staff, and students; - Exchange Of academic literature and information; - Collaborative research and development; - Joint research conference s; - Joint research activities and publications; - Post-Doctoral Program; - Any Other activities to be decided on the basis of mutual agreement by both universities.
5. Chienkuo Technology University	Taiwan	International	- Cooperate in exploring the possibility and feasibility of collaboration in development of specific programs and educational initiatives for university students, faculty and administrators.

6. Occidental Mindoro State College	Occidental Mindoro	National	- Exchange of the faculty members and staff; - Exchange of undergraduate and graduate students; - Joint research activities - Joint teaching programs;
7. Biliran Province State University	Biliran Province	National	- Exchange/collaboration of students, Exchange/collaboration of staff, faculty members, and researchers, - Exchange of academic information and publications, - Joint research activities, lectures, seminars, workshops, and trainings, - Joint organizers or international/national research conferences, - Other sports, academic, and extra-curricular activities agreed upon by both parties.
8. Southern Taiwan University of Science and Technology	Taiwan	International	- Exchange of faculty, researchers and other research and administrative staff; - Exchange of students; - Conduct of collaborative research projects; - Conduct Of lectures and symposia; - Exchange of academic information and materials; and - Promote other academic cooperation as mutually agreed upon.

9. Bicol University	Legazpi City, Legazpi	National	- Promote collaboration between BU and DEBESMSCAT in GCED initiatives. - Share expertise, resources, and best practices. - Conduct joint academic, research, and extension activities. - Support faculty and student development through training and mobility. - Strengthen institutional networking and partnerships for sustainable development.

- Research Facilities, Equipment, ICT and Other Resources

	Location	Area or Capacity (whichever is applicable)	Research Service Offered
A. Facilities			
Science Laboratory Building	DEBESMSCAT Main Campus	25-30 students	**1.**Supports wet-lab experimentation in chemistry, biology, and environmental science. **2.**Provides controlled environments for isolating compounds, preparing chemical solutions, and conducting physical assays. 3.Facilitates baseline laboratory analysis for agricultural, environmental, and natural resource studies.
Masbate Food Development Center	DEBESMSCAT Main Campus	80-100 students	1. Assists researchers and local enterprises in developing new value-added food products from regional agricultural or fishery commodities. 2.Evaluates sensory characteristics, packaging integrity, and

			physical stability of processed food items. 3.Supports trials for thermal processing, dehydration, and compliance with food manufacturing standards. 4. Venue for the conduct of research presentations, In House Reviews
Statistical Laboratory	DEBESMSCAT Main Campus	20 students	1.Assists researchers in determining appropriate sample sizes, randomization protocols, and survey methodologies prior to data collection. 2. Provides analysis, regression modeling, hypothesis testing, and forecasting for thesis, institutional, and socio-economic studies. 3.Supports statistical verification of experimental results to ensure publication-grade reliability. 4. Provide access to varied qualitative and quantitative statistical tools softwares.
Computer Laboratory	DEBESMSCAT Main Campus	30 students	1.Supports software-based simulations, GIS mapping, and bioinformatics or engineering calculations. 2.Provides computing capacity for encoding, cleaning, and managing large research datasets. 3.Facilitates software development, IT research, and digital survey deployment. 4. Provides access to information during data gathering and literature and studies review.
B. Equipment			
Oven (Lab, S/N M418/M591)	Shared Science Lab	1-5 students	1. Essential for drying agricultural, soil, or food samples to a constant weight to calculate exact dry matter and moisture percentages. 2. Used in food science and material research to test heat resistance,

			curing processes, and controlled dehydration kinetics. 3. Prepares moisture-free containers and apparatus required for sensitive analytical chemistry procedures.
Moisturizer Analyzer/Lab Balance	Shared Science Lab	10-15 students	1.Provides quick, real-time moisture loss analysis for quality control in food processing, grain storage, and post-harvest research. 2.Delivers high-accuracy weighing of reagents, chemical standards, and biological specimens critical for analytical formulation and proximate analysis.
Storage Cabinet for Flammable Substances, 45L capacity	Shared Science Lab	Storage cabinets for Chemicals /glass wares/ microscopes	1.Ensures safe, organized preservation of dry chemicals, reference materials, voucher specimens, and sensitive laboratory instruments to prevent cross-contamination or degradation.
Acid Storage Cabinet	Shared Science Lab	1 cabinet per Chemistry Laboratory; shared by authorized laboratory personnel.	Safe storage and segregation of laboratory acids for chemical experiments, sample preparation, and analytical procedures.
Environmental Chamber	Shared Science Lab	1 unit per research group; recommended 1–5 researchers per session, depending on chamber capacity.	Controlled-temperature and humidity experiments, seed germination studies, plant growth experiments, and environmental simulation.
Analytical Balance (220g cap.)	Shared Science Lab	1 unit per laboratory group of 5–10 researchers; maximum weighing capacity of 220g.	Precise measurement of chemical reagents, biological samples, and research materials for quantitative analysis.
Universal Lab Oven	Shared Science Lab	1 unit shared by 5–10 researchers per scheduled laboratory session; sample capacity depends on chamber dimensions.	Drying of laboratory samples, moisture determination, thermal treatment, and preparation of specimens for

			analysis.
Portable Turbidimeter	Shared Science Lab	1 unit per research group of 5–10 researchers; portable, shared laboratory and field-testing instrument.	Water quality testing, turbidity measurement, environmental monitoring, assessment of drinking water and surface water, and water resource research.
Magnetic Stirrer w/ Heating	Shared Science Lab	1 unit per laboratory group of 3–5 researchers; accommodates compatible laboratory containers.	Preparation and mixing of chemical solutions, sample homogenization, controlled heating, reagent preparation, and chemical experimentation.
Fume Hood (w/ducting)	Shared Science Lab	1 workstation for 1–2 users at a time, depending on hood dimensions and safety protocols.	Safe handling of chemical reagents, preparation of chemical solutions, and laboratory procedures involving hazardous fumes and vapors.
UPS 3000VA/2700 Watts	Shared Science Lab	1 unit with a maximum rated capacity of 3,000 VA or 2,700 watts; supports compatible research equipment based on total power requirements.	Provides emergency backup power for research computers and compatible laboratory instruments, protects research data, and supports uninterrupted research operations during temporary power interruptions.
Laptop (Fab Lab Use)	Donated by DTI-Masbate	1 laptop per researcher or assigned workstation.	Computer-aided design (CAD), 3D modeling, digital prototyping, fabrication planning, research documentation, and technology-based innovation projects.
Biology table with end sink, 10 seaters	Donated by DTI-Masbate	10 researchers or students per laboratory session; accommodates 10 users simultaneously.	Biological experiments, specimen preparation, sample processing, collaborative laboratory activities, and practical biological research.

Vacuum pump with plate, input 220/240V, 60 Hz	Donated by DTI-Masbate	1 unit shared by 3–5 researchers per scheduled laboratory session; actual operating capacity depends on vacuum pressure and flow rate.	Vacuum-assisted filtration, sample séparation, laboratory extraction, preparation of research specimens, and analytical sample processing.
C. ICT resources			
Smart TV 55” 4K quantum ultra-high definition	Research and Development Office	1 unit per research conference or presentation room; accommodates approximately 10–20 participants, depending on room size.	Research presentations, proposal and thesis defenses, research dissemination, webinars, online conferences, data visualization, and research training sessions.
Laptop 16” Gen Intel quad core i7	Research and Development Office	1 unit per researcher or faculty workstation.	Research writing, literature review, online journal and database searches, data encoding, document preparation, and presentation development.
Laptop (i7, 13th Gen, 16GB/1TB)	Research and Development Office	1 unit per researcher; supports advanced multitasking and storage of large research datasets.	Statistical data processing, quantitative and qualitative data analysis, research manuscript preparation, data management, and academic publication development.
NAS Diskstation (64GB RAM)	Research and Development Office	1 centralized network storage system; shared by authorized researchers and research personnel. Storage capacity depends on the installed drives and RAID configuration.	Centralized research data storage, file sharing, research documentation archiving, data backup, collaborative research, and secure management of institutional research databases.
Laptop i7 (16GB/512GB)	Research and Development Office	1 unit per researcher or designated research workstation.	Statistical analysis, research writing, data processing, literature searches, preparation of research reports, and presentation of research findings.
Laptop (i5, 12th Gen)	Research and Development Office	1 unit per researcher or research assistant.	Literature review, online research, data encoding, survey data

			processing, research documentation, and manuscript preparation.
Desktop Computer (i5, 12th Gen)	Research and Development Office	1 unit per assigned research workstation; intended for individual use.	Data encoding, statistical processing, research documentation, online database access, and preparation of research reports.
Laptop 12th gen intel core processor	Research and Development Office	1 unit per researcher or research assistant.	Research proposal development, literature searches, data collection management, statistical data encoding, academic writing, and research presentation preparation.
All-One-PC, Win 11, Home, 27in screen size, max	Research and Development Office	1 unit per workstation; accommodates 1 researcher or research staff member at a time.	Research data processing, statistical analysis, online journal access, research documentation, manuscript preparation, and visualization of research findings.
Computer set desktop PC Specs	Research and Development Office	1 unit per researcher or designated workstation; accommodates 1 user at a time.	Research writing, literature review, data encoding, statistical data processing, online database access, preparation of research reports, and manuscript development.
Camera, 15.3 MP, screen	Research and Development Office	1 unit shared by 3–5 researchers per scheduled research activity; 15.3-megapixel image resolution.	Photographic documentation of research activities, field observations, specimen documentation, visual data gathering, research site documentation, and recording of research outputs.
Laptop, 156GB RAM, 500GD SSD, Brand:ACER Aspire	Research and Development Office	1 unit per researcher or designated research workstation; accommodates 1 user at a time. Actual memory specification should be verified.	Research data processing, statistical analysis, literature review, manuscript preparation, data management, presentation

			development, and preparation of research reports.
Smart TV 55” 4K quantum ultra-high definition	Research and Development Office	1 unit per research conference/presentation room; accommodates approximately 10–20 participants per session, depending on room seating capacity.	Used in Research presentations, meetings with researchers and extension workers.
Laptop 16” Gen Intel quad core i7	Research and Development Office	1 unit per researcher or designated workstation; 1 user per unit.	Documentation purposes and preparation of communication letters.
Laptop (i7, 13th Gen, 16GB/1TB)	Research and Development Office	1 unit per researcher or research staff member; 1 user per unit, with capacity for advanced research computing and large data storage.	Preparation of documents, preparation of proposal and completed researches.
D. Other resources/Specialization Research Center (e.g. Center for GAD, Center for Population Studies)	GAD Unit		Supports in the conduct of GAD related researches

**The attached link provides the documentation of the facilities, equipment and other resources available to support the implementation and delivery of research services:*

1.https://docs.google.com/document/d/1oHs2WpJDC4tiDP6qzr_GWjYr4X6NSY4/edit?usp=drive_link&ouid=103719268026609739257&rtpof=true&sd=true

2. https://drive.google.com/file/d/153292ODh5606b3G1as61mB7E1jBeWowm/view?usp=drive_link

3. https://drive.google.com/file/d/1pgyUeZPZ-jdDjij5iqcyfZL5GyxWXdCs/view?usp=drive_link

- Research Personnel and other Support Services

Research Personnel	Educational Qualification	Designation (Specialist, Statistician, etc.)	Function/s
Dr. Alvin M. Mahawan	Doctor of Education major in Educational Leadership and Management Doctor of Philosophy in Science Education	Director, Research and Development Services	Oversees institutional research policies, directs R&D operations, manages research funds, approves research proposals, and monitors institutional output compliance.

Mr. John Gerard E. Reamon		Staff, Research and Development Services	Provides administrative, secretarial, and technical support to R&D operations, maintains research archives, and assists in program coordination.

- Income derived from research-related outputs and activities.

Category	Title of Technology / Invention / Innovation	Amount Generated
a. Patents		
b. Licenses		
c. Copyrights		
d. Other commercialized research outputs		

PARAMETER C. Implementation, Monitoring, evaluation and Utilization of Research/outputs

1. SYSTEM – INPUTS AND PROCESSES

- Present the duly approved Intellectual Property Rights (IPR)
  - https://drive.google.com/file/d/1e3uuqlsc2BkLmFqjeRKz43hbu1zPg04e/view?usp=sharing

2. IMPLEMENTATION

- State policies and guidelines in the conduct of research Activities
https://drive.google.com/file/d/1W-1ocVYroQlKj9ju53W1VpfohqcDw7SM/view?usp=sharing

- Profile of the Research and Development Heads.

Head	Name	Educational Qualification	Specialization	No. of Years of R&D Experience
1. Institution's R&D Head	Dr. Sherwin E. Balbuena	EdD in Educational Leadership	Mathematics Education	5
2. Academic Unit's R&D Head	Dr. Ella P. Lotivio	PhD in English Language Education	English Language Education	2
3. Head of Specialized Research Canters	NA	NA	NA	NA

- State the incentives granted to faculty researchers.

Type of Incentive	Brief Description and Legal Basis
Publication	A cash prize shall be awarded to any DEBESMSCAT faculty, academic and non-academic personnel (either permanent or temporary and contractual status) wh0 published a research paper in Scopus- or Clarivate Analytics-indexed or CHED-accredited journals. This paper, which is based on an institutionally, externally, or personally funded research, thesis, or dissertation, must have been presented in an agency in-house review or institutional research forum/conference prior to the publication of the paper. In case two or more authors of one paper are affiliated with the College, only one main author or co-author shall receive the reward
Citation	A monetary reward shall be given to any DEBESMSCAT full- time faculty (either temporary/contractual or permanent) whose work has been cited by another author whose work is accessible online. The book or journal article that has been cited was published in the last 10 years and is based on a research or book development project funded by the College.

Presentation	A cash prize shall be awarded to any DEBESMSCAT full- time faculty (either temporary/contractual or permanent) who has presented a research paper or poster in an international conference, convention, or forum. The awardee shall receive Php10,000 cash incentive from DEBESMSCAT apart from the any award granted by the event organizers. Presenters who won Best Paper/poster Award in the same event shall receive an additional incentive of Php5,000. The paper or poster must be based on an institutionally, externally, or personally funded research, thesis, or dissertation evaluated and approved by the RDC during the agency in-house review or institutional research forum/conference prior to the presentation.

- Completed researchers in the last 3-5 years.
- State all On-Going researches
- State all Faculty researches

Research Title	Time Frame	Date of Completion	Research cost	Funding Source	Researcher/s
Lived Experiences of Grade 7 Araling Panlipunan Teachers in Writing Critical Thinking Summative Assessments	May 2025-March 2026	March 25-26, 2026			Princess Z. Balbuena
Opening the Black Box: SHAP Interpretations for Student Performance Prediction		September 23-24, 2026			M. Ali Fauzi, Alvin M. Mahawan, Jeanette G. Bayona
Feasibility Study to Offer Doctor of Philosophy in English Language Education Programs at DEBESMSCAT Graduate School					Elreen A. Delavin
Feasibility Study to Offer Doctor of Philosophy in Science Education at DEBESMSCAT Graduate School					Elreen A. Delavin
Gender Inclusive Early Childhood Education in Bicol Region	May 2025-June 2026	June 30, 2026			Elreen A. Delavin
English Language Learning Challenges in Senior High School: Identifying Key Factors for an Effective Intervention Program	2024-March 2025	March 28, 2025			Ella P. Lotivio, Rodolfo B. Burac, Jr
Speaking the Unknown: Insights into the Foreign Language Learning Experiences of College Students	May 2025-November 2025	November 27, 2025			Ella P. Lotivio, Rodolfo B. Burac, Jr
Challenges of English Language Teaching to Multilingual Learners in Masbate		August 22, 2025			Jona Mabato-Royo

Carmelado in the Lives and Minds of Masbatenyos: A Phenomenolgy and History	2023-2025	March 28, 2025			Bernard M. Barruga, Alvin M. Ante, Jose Caluza IV, Aljon Esquilona, Rodolfo B. Burac, Jr., Dennis C. Ramiso, Princess Z. Balbuena, Sherwin E. Balbuena, Alvin M. Mahawan,
					Jocelyn S. Casi, Dahlia R. Cristobal, Mary-Ann J. Balanueco, Amancio L. Cantoria Jr., Uranus E. Cantoria, Tingsonwel Escaño
Teachers' Information and Communication Technology Competence: Basis for the Development of Technology Guide for Teaching and Learning		August 22, 2024			Alvin M. Mahawan, Melinda D. De Guzman
Paglikom, pagsatitik at pagsasalin ng mga Piling Sugilanon sa Bayan ng Mandaon, Masbate		August 22, 2024			Jessie L. Magalang, Jr.
Gender Mainstreaming In ICT Education: Exploring Teachers' Competence In Selected Academic Institution In Masbate, Philippines		September 18, 2024			*Dr. Alvin M. Mahawan*, Dr. Melinda D. De Guzman, Dr. Elreen Aguilar-Delavin, Dr. Milagros A. Celedonio
Enhancing ICT Competence Through A Technology Guide: A Study Among Selected Teachers In Masbate, Philippines		September 18, 2024			*Dr. Alvin M. Mahawan*, Dr. Melinda D. De Guzman, Dr. Elreen Aguilar-

					Delavin, Dr. Milagros A. Celedonio
Exploring Teachers' Attitudes Towards Technology: A Descriptive-Correlational Analysis		September 18, 2024			*Dr. Alvin M. Mahawan*, Dr. Melinda D. De Guzman, Dr. Elreen Aguilar-Delavin, Dr. Milagros A. Celedonio
Practices and Strategies in Teaching English in Multilingual Classroom in Masbate		August 28, 2024			Jona Mabato-Royo
Pre-Service Teachers' ICT Literacy and Self-Efficacy Assessment in Masbate: Basis for a Training		February 23, 2023			Alvin M. Mahawan
Transitioning to the post-pandemic era: A Study on the Instructional and Innovative Leadership		September 21, 2023			*Elreen A. Delavin, Sabrina Irenea
Practices of School Heads in Bicol Region					
Women Leaders and the Pandemic: Metaphors of their Leadership Style		September 21, 2023			*Elreen A. Delavin, Elisa L. Rivas
DEBESMSCAT Students' Readiness in the Delivery of Flexible Learning		April 28, 2022			Michael O. Ogaya, Erdee C. Cajurao, Cesar D. Almonicar, Jr., Grace B. Abella, Joper C. Escalante, Froilyn A. Ancajas, Uranus E. Cantoria, Jona M. Royo

The Reading Difficulties of Grade 7 Students of Sulpicio T. Condor Sr. National High School		November 25, 2022			"Ella Pardeño-Lotivio Iris B. Castillo"
Career Stage of Professional Development along Professional Standards on School Heads		September 28, 2022			"Christophe r I. Alvarez Elreen A. Delavin"
"Lived Experiences and Coping Mechanism on Household Food Security of Farm Women during Pandemic "		September 28, 2022			"*Dr. Elreen A. Delavin Juna C. Velarde"
Personality Factors, Leadership Styles, and Word Usage Among School Leaders: A Correlational Study		June 29, 2022			"Mr. Sherwin E. Balbuena Dr. Milagros A. Celedonio Jessica M. Alcantara Richie C. Velarde Melody A. Vargas Dr. Morena C. Buayan Dr. Renee A. Lamela Mrs. Princess Z. Balbuena"
Work-Life Balance of Married Female Teachers During Pandemic: A Qualitative Methaporical Analysis		April 28, 2022			"Dr. Elreen A. Delavin Angeline M. Pongoy"
Women Empowerment in Selected Fisheries-Related Livelihood in Asid Gulf, Masbate, Philippines.		April 28, 2022			"Mr. Alvin M. Mahawan Mr. Jacob Frederick P. Velza Mr. Roger Y. Ibañez, Jr.
					Cherrylyn P. Labayo Ronnel R. Dioneda, Sr. Sipronio B. Belardo Emily M. Agonos"

Teachers' Subjective Wellbeing during the COVID-19 Pandemic: It's Relation to Religiosity and Trust in Science		September 01, 2021			Princess Z. Balbuena
Work Life Balance of Couple DepEd Teachers in the New Normal: A Phenomenological Study		November 12, 2021			Ian Mark A. Dumaguin, Elreen A. Delavin
Track Preference and Influences in the Choice of Track of Incoming Senior High School Students		November 12, 2021			Jona M. Royo, Renee A. Lamela
Women College Students Situation During Pandemic Time: How's Their Access to the Future?		November 12, 2021			Elreen Aguilar-Delavin
Manifestations of Gender Bias in Deped Secondary English Modules in The New Normal		November 12, 2021			Sharon A. Flores Elreen A. Delavin
Linguistic Errors in the Written Production of Junior High School Students		September 01, 2021			Jona Mabato-Royo, Juna C. Velarde, Jessica M. Alcantara
Solo Parent Welfare Act of 2000: DepEd Masbate Teachers' Level of Awareness and Privileges		September 01, 2021			Jona Mabato-Royo, Ulysis L. Ferreras
Implementation of Developmentally Appropriate Practices in Early Childhood Education Programs in Masbate		September 01, 2021			Dahlia R. Cristobal, Elreen A. Delavin
Effectiveness of Computer-Aided Instruction on Students' Conceptual Undertsanding in Life Science		February 18, 2021			Alvin M. Mahawan, Milagros A. Celedonio

Evaluation of Esperanza Seaweeds Culture-Enterprise Federation: A Livelihood Project in Masbate, Philippines		September 01, 2021			Alvin M. Mahawana*, Sipronio B. Belardob, Ronnel R. Dioneda, Src.
Implementation of Developmentally Appropriate Practices in Early Childhood Education Programs in Masbate		September 01, 2021			Dahlia R. Cristobal Elreen A. Delavin

- Student researches

Research Title	Time Frame	Date of Completion	Researcher/s	Faculty Adviser
P.P.P. (Pagbasa, Pag-Unawa at Paglikha): Interbensiyon sa Paglinang Ng Kasanayan Sa Pag-Unawa Ng Mag-Aaral Sa Filipino Sa Ika-7 Baitang Emerald	September 2025-April 2026	April 2026	Berial, April M. Francisco, Hezel M. Mabal, Maria Lhea F.	Marivic C. Llarena, MAT
Bingo: Paglinang Ng Kasanayan Sa Pagbaybay Ng Mga Mag-Aaral Sa Ika-7 Baitang Sa Burgos National High School	September 2025-April 2026	April 2026	Beunviaje, Jean L. Esmer, Ana Maria A. Ornopia, Jonalyn L.	Marivic C. Llarena, MAT
Leksikal Na Pagsusuri Ng Mga Rehistro Sa Pag-Aagrikultutra Sa Bayan Ng Mandaon, Masbate: Preserbasyon Ng Pamanang Kulturang Masbateño	September 2025-April 2026	May 2026	Aza D. Canino Clyde Taschimar G. Rimoron Jeramae D. Tupas Rex Rayven C. Rivera	Marivic C. Llarena, MAT

Mga Uri Nga Pagpapalit-Wika Bilang Estratehiya Sa Pagtuturo At Pagkatuto Ng Mga Mag-Aaral	September 2025-April 2026	May 2026	Hanna Mhay I. Asuncion John Ryan P. Rios Roselyn C. Hugo Vangie A. Segarino	Marivic C. Llarena, MAT
Matrimonyo At Pamahiin: Isang Penomenolohikal Nap Ag-Aaral Ng Mga Kontekstong Kultural Ng Kasal Bayan Ng Aroroy, Masbate	September 2025-April 2026	May 2026	Cris V. Gomez Mateo B. Atibagos Sandra A. Relox	Marivic C. Llarena, MAT

- Name all Opportunities for Research Capability Building.

The institution provides various opportunities for research capability building to continuously strengthen the competencies and productivity of its faculty members, student researchers, and research personnel. These opportunities include research training and seminars, proposal development workshops, research methodology and statistical analysis training, research ethics orientation, scientific writing and publication workshops, research presentation, collaborative and interdisciplinary research, benchmarking activities, research mentoring, and training on research funding and project management.

These initiatives are guided by the competency-based Training Needs Analysis (TNA), performance evaluation, and identified research development needs of personnel. The institution also promotes collaboration with other higher education institutions and organizations, provides access to research facilities and resources, and implements incentive and recognition mechanisms to encourage research productivity. Through these initiatives, DEBESMSCAT aims to develop a competent, productive, innovative, and research-oriented academic community.

Based on the approved DEBESMSCAT Research and Development Services (RDS) Quality Management
System (QMS) Manual, the following are the opportunities for research capability building that the institution
may identify and present:

1. Research Training and Development – Conduct workshops, seminars, and specialized training to enhance the research competencies of faculty members, students, and research personnel.
2. Research Needs Assessment and Competency Development – Conduct Training Needs Analysis (TNA) to identify research competency gaps and determine appropriate capability-building interventions.
3. Research Proposal Development – Provide training on research conceptualization, problem identification, proposal preparation, and research design.
4. Research Methodology and Data Analysis – Strengthen competencies in qualitative, quantitative, and mixed-methods research, including statistical analysis and interpretation of findings.
5. Research Ethics and Integrity – Enhance understanding and compliance with ethical standards, responsible research conduct, and research integrity.
6. Research Presentation and Dissemination – Develop skills in presenting research findings through conferences, research fora, symposia, and other academic platforms.

7. Research Publication and Technical Writing – Provide opportunities for training in scientific writing, journal article preparation, publication, and other research-related outputs.
8. Collaborative and Interdisciplinary Research – Encourage research partnerships among faculty members from different colleges and campuses, as well as collaborations with local and international higher education institutions and organizations.
9. Research Benchmarking and Knowledge Sharing – Facilitate benchmarking activities and exposure to best practices in research management, development, and innovation.
10. Research Funding and Grant Utilization – Build competencies in preparing research budgets, accessing research grants, managing research funds, and implementing funded projects.
11. Research Innovation and Technology Utilization – Develop skills in utilizing emerging technologies, digital tools, and innovative approaches in conducting research.
12. Research Monitoring, Evaluation, and Quality Assurance – Strengthen competencies in monitoring research implementation, evaluating outputs, preparing accomplishment reports, and ensuring compliance with institutional research standards.
13. Research Mentoring and Expert Assistance – Provide opportunities for mentoring, technical assistance, and guidance from experienced researchers and external experts.
14. Research Incentives and Recognition – Encourage research productivity through institutional incentives, awards, and recognition for quality research outputs and publications.
15. Research Facilities and Resource Enhancement – Provide access to laboratories, research centers, libraries, computers, databases, and other facilities necessary to support research activities.

Type of Activity (e.g.; advanced studies upgrading, retooling, etc.)	Title of Training	Sponsoring Agency	Date and Venue	No. of trained Faculty /Staff
Faculty Development Plan	Ten Year Personnel Development Plan	DEBESMSCAT	N/A	1

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- Describe of research monitoring and evaluation system (instruments used, evaluation results, etc.)

The institution implements a Research Monitoring and Evaluation System through the Research Monitoring Team (RMT) and Research Evaluation Team (RET) to ensure the timely completion, effective implementation, and achievement of institutional research objectives. Monitoring and evaluation are conducted through on-site and field monitoring, pre-implementation, semi-annual, annual, and terminal evaluations. The instruments and documents used include the approved Research Work Plan, Project Schedule, Budget Summary, and research accomplishment reports. The evaluation results serve as the basis for validating research accomplishments, assessing project implementation, recommending improvements, and determining the continuation or termination of research projects.

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- Describe the utilization of research results/outputs (e.g. for institutional development, enhancement of instructional process, technology transfer, etc.)

The results of the monitoring and evaluation serve as the basis for management decisions and improvements in research implementation. The QMS provides for the following evaluation outputs:

- Research accomplishment assessment
- Evaluation recommendations
- Financial utilization assessment
- Project continuation or termination
- Certificate of Acceptability
- Identification of potential technologies and intellectual property
- Recommendations for the future research

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Title of Research	Nature of Utilization	Brief Description

- Describe of the mechanism adopted to protect IPR and observance of research ethics among faculty and student researchers.

DEBESMSCAT ensures the protection of intellectual property rights and observance of research ethics through the implementation of its institutional Intellectual Property Policy and Policy on Ethical Standards for Research. The institution, through its Research and Development Services Office and Intellectual Property Technology Business Management Unit, provides mechanisms for identifying, protecting, and managing intellectual property generated from faculty and student research activities.

The institution also safeguards student research outputs by establishing clear guidelines on authorship, ownership, caretaker arrangements, and the proper use of student research. Research outputs with potential intellectual property value undergo assessment during terminal evaluation, while certification from the IPTBM Unit is required before public dissemination when premature disclosure may compromise intellectual property protection.

In promoting research integrity, DEBESMSCAT requires researchers to observe ethical principles such as integrity, respect for persons, beneficence, justice, and transparency. Research outputs are subjected to software-based plagiarism and quality checking, while researchers are required to observe informed consent, confidentiality, data integrity, responsible authorship, and disclosure of conflicts of interest. These institutional mechanisms demonstrate the commitment of DEBESMSCAT to responsible, ethical, and accountable research practices among its faculty members and student researchers

3. OUTCOMES

- Present /show evidences that implementation, monitoring, evaluation and research utilization outputs are effective.

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4. BEST PRACTICES

- Cite as many best practices as you can on parameter C (Implementation, Monitoring, Evaluation and Utilization or Research Results /Outputs).

One of its notable practices is the establishment of a Research Monitoring Team and Research Evaluation Team with clearly defined responsibilities. The institution conducts field monitoring, midterm evaluations, quarterly reviews, annual assessments, and terminal evaluations to ensure the timely implementation, quality, and accountability of research projects. The issuance of Certificates of Acceptability and the requirement for documented progress and financial reports further strengthen its research management system.

In terms of research utilization, DEBESMSCAT provides institutional platforms for research dissemination through in-house reviews, the College-Level Student Research Colloquium, and the Annual iRODEO International Research and Extension Conference. It also promotes the conversion of research findings into instructional materials, extension interventions, innovations, and potential technologies.

Another notable practice is its emphasis on intellectual property protection and research ethics. Through the IPTBM Unit, the institution provides mechanisms for identifying and protecting research-generated intellectual property. It also establishes safeguards for student research ownership, regulates authorship practices, requires plagiarism checking, and

institutionalizes ethical standards governing faculty and student research.
These practices demonstrate the institution's commitment to establishing a research culture that values quality, integrity, accountability, collaboration, innovation, and the practical application of knowledge.

PARAMETER D- PUBLICATION AND DISSEMINATION

1. SYTEM –INPUTS AND PROCESSES

   - Present an approval and copyrights Research Journal https://drive.google.com/file/d/1XlMqbxA8podmigqXZjtwsTNQ-ogPKc6N/view?usp=sharing

Present guidelines on paper presentations; journal publication outstanding research related to performance and patented outputs.

https://drive.google.com/file/d/1mgwLL0viQ7har3z9zBIwVQhJl4z-ucve/view?usp=sharing

2. IMPLEMENTATION

- Name all modes of dissemination of research results /outputs (publication, Paper Presentation, forum, etc.)

The College encourages researchers to publish their research findings in institutional, national, and international peer-reviewed journals. Publication provides an avenue for validating research quality, sharing new knowledge, and increasing the visibility and impact of institutional research.

The QMS requires research reports to undergo software-based quality checks and emphasizes transparency, proper authorship, and responsible research conduct. It also identifies documentary requirements for publication incentives, including a copy of the published paper or journal, a request for reward, correspondence with the journal editor, and proof that the journal is reputable.

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- State all published researches related to the Program.

Research Title	Researcher/s	Journal	ISSN	Volume/ Issue No.	Date Published	Publisher	Extent of Circulation (Int'l, Natl, Local)
ICT Literacy and Self-Efficacy Assessment among Pre-Service Teachers in Masbate Philippines: A Descriptive-Correlational Study	Alvin M. Mahawan	Pakistan Journal of Life and Social Sciences	E-ISSN: 2221-7630; P-ISSN: 1727-4915	Vol. 23, Issue 1, pp. 1970–1978	2025	Elite Scientific Forum, Pakistan	International

Gender Mainstreaming in ICT Education: Exploring Teachers' Competence in Selected Academic Institutions in Masbate, Philippines	Alvin M. Mahawan; Melinda D. De Guzman; Elreen A. Delavin; Milagros A. Celedonio	Pakistan Journal of Life and Social Sciences	E-ISSN: 2221-7630; P-ISSN: 1727-4915	Vol. 23, Issue 1, pp. 6318–6334	2025	Elite Scientific Forum, Pakistan	International
Teachers' Information and Communication Technology Competence: Basis for the Development of Technology Guide for Teaching and Learning	Alvin M. Mahawan; Melinda D. De Guzman	Diversitas Journal	ISSN: 2525-5215	Vol. 10, Issue 1, pp. 190–210	2025 (Jan.–Mar.)	Editora da Universida de Estadual de Alagoas, Brazil	International
Evaluation of Esperanza Seaweeds Culture-Enterprise Federation: A Livelihood Project in Masbate, Philippines	Alvin M. Mahawan; Roger Y. Ibañez, Jr.; Jacob Frederick P. Velza	Journal of Education, Management and Development Studies	ISSN: 2782-9413 E-ISSN: 2799-0583	Vol. 2, Issue 4, pp. 1–12	2022	Camarines Sur Polytechnic Colleges (CSPC), Philippines	International
ICT Literacy and Self-Efficacy Assessment among Pre-Service Teachers in Masbate Philippines: A Descriptive-Correlational Study	Alvin M. Mahawan	Pakistan Journal of Life and Social Sciences	E-ISSN: 2221-7630; P-ISSN: 1727-4915	Vol. 23, Issue 1, pp. 1970–1978	2025	Elite Scientific Forum, Pakistan	International

Work-Life Balance of Female Married Teachers: A Metaphorical Qualitative Analysis	Dr. Elreen A. Delavin	International Journal for Multidisciplinary Research: Applied Business and Education Research	E-ISSN: 2774 - 5368	Vol. 4, No. 3, pp. 784-791	2023	Future Science, Malang, Indonesia / FSH-PH Publications, Subic, Philippines	International
Effectiveness of Computer-Aided Instruction on Students' Conceptual Understanding in Life Science	Alvin M. Mahawan; Milagros A. Celedonio	International Journal of Multidisciplinary: Applied Business and Education Research	E-ISSN: 2774 - 5368	Vol. 4, Issue 2, pp. 388–401	February 17, 2023	Future Science, Malang, Indonesia / FSH-PH Publications, Subic, Philippines	International

- Describe of administrative support in research-related undertakings.
- Name all Research results disseminated/presented in for a, conference, symposia, etc.

Presentor	Title of Research	Activity/Event Where presented	Date and Place
Jona M. Royo	Practices and Strategies in Teaching English in Multilingual Learners	2nd International Research and Innovation Conference on Education, Engineering, and Agriculture (IRICEEA)	December 2–4, 2024; place not indicated
Alvin M. Mahawan; Dr. Melinda D. De Guzman	Information and Communication Technology Competence: Basis for the Development of Technology Guide for Teaching and Learning	4th International Multidisciplinary Conference on Engineering and Technology, Education, Management and Development Studies	December 6–7, 2024; Camarines Sur Polytechnic College
Alvin M. Mahawan	Pre-Service Teachers' ICT Literacy and Self-Efficacy Assessment in Masbate: Basis for a Training Program	3rd Asian Virtual Conference on Interdisciplinary Research 2023 (AVCIR 2023)	2023; virtual conference (specific date not indicated)

3. OUTCOMES

- Present /show evidences that research outputs are published in refereed journals, research outputs are utilized, copyrighted and are commercialized.
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DEBESMSCAT employs various modes of disseminating research results and outputs to ensure that generated knowledge, technologies, and innovations reach their intended users and beneficiaries. These include scholarly publications in institutional, national, and international journals; oral and poster presentations during research conferences, colloquia, symposia, and fora; and the presentation of research findings during stakeholder consultations, academic meetings, and knowledge-sharing activities.

The College also promotes the practical dissemination of research through extension activities, technology demonstrations, field days, training programs, technology exhibits, and collaboration with local government units, industries, and community organizations. Research outputs are further shared through digital platforms, institutional repositories, online publications, and multimedia materials. Moreover, research findings with potential for innovation are disseminated and utilized through intellectual property protection, technology transfer, licensing, and adoption by partner institutions and communities.

These dissemination mechanisms are intended to promote the wider utilization of research outputs, improve instructional practices, support institutional decision-making, address community needs, and contribute to regional development.

4. BEST PRACTICES

- Cite as many best practices as you can on Parameter D (Publication and Dissemination).

DEBESMSCAT demonstrates its commitment to the publication and dissemination of research outputs through institutional mechanisms that encourage scholarly publication, research presentations, intellectual property protection, and technology utilization. The College promotes the publication of research findings in reputable refereed journals and provides incentives to recognize faculty members who produce quality scholarly outputs. It also institutionalizes research dissemination through the Annual iRODEO International Research and Extension Conference and the College-Level Student Research Colloquium, providing opportunities for faculty and student researchers to share their findings and receive professional feedback.

Furthermore, the College strengthens the practical value of research by encouraging the integration of research findings into instructional materials, extension programs, institutional development initiatives, and community-based applications. Through its intellectual property policies and IPTBM mechanisms, the institution promotes the protection of research-generated knowledge, technologies, and innovations. Incentives for patent and utility model outputs further encourage researchers to develop innovations with potential economic and social value.

5. Extent of compliance with the Team recommendations on Area V (Research) made in the last survey visit.

- Present the status of Compliance Matrix of Area V focusing on interventions done on the recommendations.

Duly Accomplished Self-Survey Instrument

- Present the Summary of findings and recommendations on Area V (Research) during the _____(Preliminary , 1st Survey , 2nd Survey, 3rd Survey) in terms of ;

1. Strength
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2. Areas Needing Improvement
https://drive.google.com/file/d/1r8j_t9Tkmi-qwgCuoXBWtdBVotR_IyTp/view?usp=drive_link

3. Recommendations
https://drive.google.com/file/d/1r8j_t9Tkmi-qwgCuoXBWtdBVotR_IyTp/view?usp=drive_link