



**SORSOGON STATE UNIVERSITY**  
**OFFICE OF RESEARCH, EXTENSION AND TRAINING**

# **S<sup>6<sup>th</sup></sup>oRDECoN**

**SORSOGON RESEARCH, DEVELOPMENT AND EXTENSION  
CONFERENCE 2024**

*" Sustainable and Resilient  
Future: Delivering Research  
and Innovations to  
Communities"*

**MARCH 5-7, 2024**

**via Zoom Meeting |  
Audio Visual Hall, Sorsogon State University**

## **RATIONALE**

**Anchored on the Sustainable Development Goals (SDGs) set by the United Nations (UN) in 2015, bringing research and innovations to intended communities for sustainable and resilient futures will be the ultimate goal among Higher Education Institutions (HEIs). It is indeed necessary that whatever outcomes of any novel scholarly shall be disseminated, extended, or commercialized for utilization and upliftment of the lives of the expected beneficiaries.**

**One way to realize such goal is by providing a platform for the dissemination of the research outputs as well as outcomes of the community engagement/ advisory completed by scholars and community workers among HEIs and other service providers.**

**The Office of Research, Extension and Training will conduct its 6th Sorsogon Research, Development, and Extension Conference (SoRDECon) to bring together scientists, researchers, extensionists, community development workers, school heads, faculty members, students, and other interested parties as a platform for the dissemination of the RDE projects among regional institutions in Bicol.**

# DAY 1 MARCH 5, 2024 | Tuesday

7:00 - 9:00 AM REGISTRATION

9:00 - 12:00 NN OPENING PROGRAM

Preliminaries

*AVP*

Welcome Remarks

*Dr. Geraldine F. De Jesus, SUC President III*

Presentation of Participants

*Ms. Frances Grace Jetomo, PKM Head*

Intermission Number

Introduction of Key Speaker

*Dr. Ryan V. Dio, Vice President for RET*

Keynote Address

*Dr. Baby Boy Benjamin D. Nebres III,  
Bicol University, SUC President IV*

Introduction of Evaluators

*Dr. Ana Cristina G. Fortes, OET Director*

Mechanics of the Activity

*Prof. Christine H. Ferolino, ORD Director*

## L U N C H B R E A K

1:00 - 4:30 PM PARALLEL SESSIONS

*Presentation and Critiquing*

- *Category 1 - Education*
- *Category 2 - Institutional Development*
- *Category 3 - Agri-fisheries and Natural Resources*
- *Category 4 - Strategic Intervention Projects/ Activities*
- *Category 5 - Product Development*
- *Extension Projects*

4:00 - 5:00 PM AWARDING OF CERTIFICATES





## DAY 2 MARCH 6, 2024 | Wednesday

7:00 - 9:00 AM

REGISTRATION

9:00 - 12:00 NN

OPENING PROGRAM

Preliminaries

*AVP*

Recapitulation

Introduction of Evaluators

*Ms. Frances Grace Jetomo, PKM Head*

**L U N C H   B R E A K**

1:00 - 4:00 PM

PARALLEL SESSIONS

*Presentation and Critiquing*

- *Category 6 - Social Science*
- *Category 7 - Business and Management*
- *Category 8 - Curriculum and Instruction Development*
- *Extension Projects*
- *Pitching Session*

4:00 - 5:00 PM

AWARDING OF CERTIFICATES



## DAY 3 MARCH 7, 2024 | Thursday

7:00 AM

REGISTRATION

8:00 AM

PARTICIPATORY COMMUNITY DIALOGUE

*for selected participants*

Preliminaries

*AVP*

Welcoming the Community Partners

*Dr. Geraldine F. De Jesus, SUC President III*

Overview and Flow of the Activity

*Dr. Ana Cristina G. Fortes, OET Director*

- *Knowing More and Getting Along*
- *Connecting Communities, Uncovering Disparity, Bridging Gaps*
- *Creating Circle of Support*





9:00 AM

## BOOK LAUNCHING

Audio Visual Hall, Sorsogon State University

### PRELIMINARIES

*Opening Prayer*

*National Anthem* AVP

*SorSU Hymn*

About the Author

AVP

Message by the Publisher

*Dr. Geraldine F. De Jesus, SUC President III*

Message by the Author

*Dr. Ryan V. Dio, VPRET*

10:00 AM

## CEREMONIAL MOA/MOU SIGNING WITH PARTNER INSTITUTIONS

- *Dr. Ana Cristina G. Fortes*

- *Bicol Regional Alliance Capacity Enhancement for Impact Evaluation (BRACE) Project*
- *Small Enterprises Research and Development Foundation Inc. (SERDEF) Project*

11:00 AM

## EXCHANGE OF PUBLICATIONS

AWARDING OF CERTIFICATE TO  
COMMUNITY PARTNERS

## LUNCH BREAK

## CLOSING PROGRAM

1:00 PM

### PRELIMINARIES

#### ANNOUNCEMENT OF WINNERS

- Best Student Research
- Best Poster
- Best Booth Exhibits

Prof. Maria Crisanta M. Jarque  
Ms. Frances Grace Jetomo  
Prof. Romeo SE. Mendoza

#### INTERMISSION NUMBER

#### *Bugsa Dance*

*Authored by: Mr. Oliver F. Garbin*

- Best Pitch
- Best Extension Project
- Best Research

Engr. Ivy Rose B. Gonzales  
Dr. Ana Cristina G. Fortes  
Prof. Christine H. Ferolino

#### EVALUATION OF THE CONFERENCE

*Engr. Ivy Rose B. Gonzales*

- *Insights from Participants*

#### CLOSING REMARKS

*DR. RYAN V. DIO, VPRET*



## **CATEGORY 1: EDUCATION**

**Dr. Sherwin E. Balbuena**

*Dr. Emilio B. Espinosa Sr. Memorial State College of Agriculture and Technology- Masbate, Philippines*

**Dr. Magdalena M. Ocbian**

*Sorsogon State University- Retired*

**Dr. Rebecca Rosario O. Bercasio**

*Bicol University- Legazpi, Philippines*

## **CATEGORY 2: INSTITUTIONAL DEVELOPMENT**

**Dr. Tarcela F. Detera**

*Sorsogon State University- Retired*

**Dr. Dariel A. Palmiano**

*Central Bicol State University of Agriculture- Camarines Sur, Philippines*

**Dr. Jean Paulette S. Go**

*Commission on Higher Education- ROV*

## **CATEGORY 3: AGRI-FISHERIES & NATURAL RESOURCES**

**Dr. Melbourne R. Talactac**

*Cavite State University- Cavite, Philippines*

**Dr. Shirley T. Palisoc**

*RDLead, NRCP, RDLead Program, DOST- Retired*

**Dr. Francis N. Baleta**

*Philippine Council for Industry, Energy, and Engineering Technology Research and Development*

## **CATEGORY 4: STRATEGIC INTERVENTION PROJECTS/ ACTIVITIES**

**Dr. Vladimir R. Foronda**

*Central Bicol State University of Agriculture- Camarines Sur, Philippines*

**Dr. Seth B. Barandon**

*Camarines Sur Polytechnic College- Camarines Sur, Philippines*

**Prof. Roger Y. Ibanez**

*Dr. Emilio B. Espinosa Sr. Memorial State College of Agriculture and Technology- Masbate, Philippines*

## **CATEGORY 5: PRODUCT DEVELOPMENT**

**Engr. Glen D. Espena**

*Metal Industries Research and Development Center- DOST - Manila, Philippines*

**Engr. Harold Jan R. Terano**

*Camarines Sur Polytechnic College- Camarines Sur, Philippines*

**Ms. Anna May A. Ramos**

*Adamson University- Manila, Philippines*

## **CATEGORY 6: SOCIAL SCIENCE**

**Dr. Elreen A. Delavin**

*Dr. Emilio B. Espinosa Sr. Memorial State College of Agriculture and Technology- Masbate, Philippines*

**Dr. Ariel N. Delfino**

*Partido State University- Camarines Sur, Philippines*

**Dr. Darrel M. Ocampo**

*Central Bicol State University of Agriculture- Camarines Sur, Philippines*

## **CATEGORY 7: BUSINESS AND MANAGEMENT**

**Dr. Hanilyn A. Hidalgo**

*Central Bicol State University of Agriculture- Camarines Sur, Philippines*

**Prof. Emmanuel A. Onsay**

*Partido State University- Camarines Sur, Philippines*

**Dr. Elmer A. Lorenzana**

*Bicol University- Legazpi, Philippines*

## **CATEGORY 8: CURRICULUM AND INSTRUCTION DEVELOPMENT**

**Dr. Erwin H. Malto**

*Dr. Emilio B. Espinosa Sr. Memorial State College of Agriculture and Technology- Masbate, Philippines*

**Dr. Ma. Teresa G. De Alban**

*Commission on Higher Education- ROV- Retired*

**Dr. Luis O. Amano**

*Bicol University- Legazpi, Philippines- Retired*



**PANEL OF EVALUATORS**  
*for* **PITCHING SESSION**

**CATEGORY : PITCHING SESSION**

**Engr. Christopher O. Pacardo**

*RAISE Bicol, Bicol University- Legazpi City, Albay, Philippines*

**Ms. Lilian Alice Lopez**

*Sorsogon Pili Producers Cooperative- Sorsogon City, Philippines*

**Ms. Merla P. Cagua**

*Department of Trade and Industry- Sorsogon City, Philippines*

**PANEL OF EVALUATORS**  
*for* **EXTENSION PROJECTS**

**CATEGORY : EXTENSION PROJECTS**

**Dr. Melchor C. Morandarte**

*Small Enterprises Research and Development Foundation Inc.- Quezon City, Philippines*

**Ms. Pamela N. Rojas**

*Bicol University- Extension and Management Division- Legazpi City, Philippines*

**Prof. Rosemarie A. Tabardillo**

*Partido State University- Camarines Sur, Philippines*





# 6<sup>th</sup> SORDECon

SORSOGON RESEARCH, DEVELOPMENT AND EXTENSION  
CONFERENCE 2024

RESEARCH PAPERS

## GUIDELINES AND CRITERIA

1. The presentation of the R&D Project should be done by the project leader or any member of the team.
2. The researchers must submit the soft copies of their manuscript at least ten (10) working days before the review.
3. All papers that garnered at least 85% rating in the evaluation result via the refereeing system (advance review) will be identified as **competing papers** and therefore qualified for the awards, they are all required to present and defend their paper during the event for determination of the winners.
4. All presenters are required to submit a **15-minute pre-recorded video presentation** comprising the title, introduction, objectives, methodology, results, conclusions, acknowledgement (if any), and references a week before the event.
5. All pre-recorded videos will be played during the parallel sessions. Competing papers will be first to present followed by non- competing papers. Competing papers will be given a **15-minute video presentation and another 15 minutes** shall be allotted for critiquing, deliberation, and clarification questions from the panel of evaluators. While non-competing papers will be given **10 minutes** for critiquing, deliberation, and clarification questions from the panel of evaluators.
6. A soft copy in MSWord format of the abstract with keywords of the completed R&D projects shall be submitted at [ords@sorsu.edu.ph](mailto:ords@sorsu.edu.ph) on or before **February 13, 2024**.
7. Submit your video on or before **February 26, 2024** to facilitate smooth flow of the program.
8. The R&D Project will be judged through the following criteria:

<b>Originality</b>	<b>- 20%</b>
<b>Technical Merit of the Study</b>	<b>- 30%</b>
<b>Significance of the Findings</b>	<b>- 30%</b>
<b>Manuscript/ Write Up</b>	<b>- 30%</b>
<b>Total</b>	<b>- 100%</b>

Moderators: **Ms. Maricel A. Dichoso & Mr. Jordan M. Pocaan**

Rapporteur: **Ms. Sandra Lisa D. Marbella**

1. *"Danas ng Hayskul na Mag-aaral sa Pag-aaral at Pagkatuto"*  
**(Richelda P. Jolo)**
2. *"Malikhaing Pakikipagkomunikasyon Gamit ang Emojis"*  
**(Diana Joy P. Tatad)**
3. *"Investigation Students' Scientific Creativity through I-STEM-PBL-ESD Approach in Education for Sustainable Development"*  
**(Aaron A. Funa)**
4. *"Knowledge, Attitudes and Behaviors toward Sustainable Development: Advancing Science Competence through I-STEM-PBL-ESD"*  
**(Aaron A. Funa)**
5. *"Secondary Teachers' and Students' Perceptions of Distance Education in Science: Focus on Learner-centered, Action-oriented, and Transformative Learning"*  
**(Aaron A. Funa)**
6. *"Structures and Functions of Embedded Clauses in the Narrative Texts"*  
**(Marcy Mae S. Calleja)**
7. *"Emergency Preparedness of MAPEH Teachers in Public High School in the Province of Sorsogon"*  
**(Richard Kevin H. Espedido)**
8. *"The Influence of Promoted NSTP Core Values Based on Students' Recollective Experience"*  
**(Charis D. Esmeria)**
9. *"Conflicting beliefs in the Linguistic schoolscape: The place of English and local languages in secondary school"*  
**(Susan F. Astillero)**
10. *"Knowledge, Attitudes and Practices Towards Social Media Use by College Educators: The Case of Sorsogon State University"*  
**(Maria Cristina B. Ditan)**
11. *"Evaluating Clinical Practice Education for Student Midwives: Hospital and Community Affordances and Challenges"*  
**(Aaron A. Funa)**



Moderators: **Dr. Susan F. Astillero & Mr. Bryan O. Fruto**

Rapporteur: **Mr. Noel John G. Despuig**

1. *"Exploring the Students Perspectives on Academic Support Services in the Advance Education program"*  
**(Ritzelda A. Deri)**
2. *"Graduate students awareness of sustainable development goals: Basis for policy action"*  
**(Errol G. De Castro)**
3. *"Unveiling the Clients' Experiences on the Use of Online Pre-admission System (OPAS): Figures and Narratives"*  
**(Sherill A. Gilbas)**
4. *"Analysis on the Performance of COT Core Faculty"*  
**(Ailyn D. Desengano)**
5. *"College of Technology Job Satisfaction"*  
**(Jose Rico B. Despuig)**
6. *"Readiness of Sorsogon State University Bulan Campus to offer Limited Face-to-Face Classes and Flexible Learning Modality"*  
**(Jessa P. Oscillada)**
7. *"Satisfaction With Student Affairs & Services of Sorsogon State University-Bulan Campus: From Pre-To-Post-Pandemic Periods"*  
**(Jopet Vincent B. Medalla)**
8. *"Understanding Student Needs and Preferences: A Satisfaction Survey of Student Affairs and Services Programs at Sorsogon State University-Castilla Campus"*  
**(Jerome B. Gicantoca)**
9. *"Physical Health Status of Sorsogon State University Employees: Basis for the Development of Physical Fitness Program"*  
**(Marianne L. Miranda)**
10. *"Assessing the Research Productivity of the Graduate School in Institutionalizing a Mentoring Program"*  
**(Susan F. Astillero)**

11. *"Performance Results in the Congress Approved Targets and Indicators: A Case of One State University in the Philippines"*  
**(Catherine A. De Castro)**
12. *"Engaging Stakeholders Towards the Formulation of 2023-2027 Research and Extension Agenda of Sorsogon State University-Castilla Campus"*  
**(Jopet Vincent B. Medalla)**

Moderators: **Mr. Brian Gabriel J. Buenaobra & Ms. Ailyn Desengañó**

Rapporteur: **Ms. Jeanette A. Diesta**

1. *"Meteorological Trend Analysis for Bicol Region, Philippines"*  
**(Ernie N. Bañares)**
2. *"Pulverized "Baluko" (Atrina Pectinata) Shells as Partial Cement Replacement for CHB (Concrete Hollow Block) "*  
**(Eric E. Floresca )**
3. *"Commercial Rabbit Meat Production in Sorsogon: Status and Challenges"*  
**(Jerome M. Llabres)**
4. *"Comparative Analysis of Traditional Costing and Activity-Based Costing on Machine Laboratory Testing Services Operations in an Agricultural Machinery Testing Service Industry "*  
**(Charleen Grace V. Deniega)**
5. *"A Commodity Systems Analysis for the Future of the Nigo Industry at Mayon, Castilla, Sorsogon"*  
**(Maribel A. Nolla)**
6. *"Temporal Prevalence and Intensity of Tilapia (Oreochromis niloticus) Ectoparasites in SorSU Magallanes Fishponds"*  
**(Mark Ariel D. Malto)**

7. *"Coral Reef Habitat Assessment in Magallanes Sorsogon: Basis for Expansion and Re-delineation of existing Marine Protected Area (MPA)"*  
**(Mark Ariel D. Malto)**
8. *"Assessment of Sardines Fishing Operations with Economic Valuation of Post-Harvest Fish Losses (PHFL) in Magallanes, Sorsogon, Philippines"*  
**(Elden G. Orgela)**
9. *"Socio-Economic Sensitivity of Fisherfolks on Post-Harvest Fish Losses (PHFL): Knowledge in Fish Handling and their Preservation Practices in Magallanes, Sorsogon, Philippines"*  
**(Elden G. Orgela)**
10. *"Are the Fisheries of Sorsogon Knowledgeable about and Willing to Farm the Seaweed Ulva"*  
**(Ada J. Escopete)**
11. *"Personal Entrepreneurial Competencies among Seaweed Farmers in Sorsogon, Philippines"*  
**(Maria Luisa P. Mirasol)**

Moderators: **Mr. Richard Kevin D. Espedido & Ms. Margielina Melitante**

Rapporteur: **Ms. Ana May M. Rubang**

1. *"Development, Implementation, and Validation of Integrated STEM and Problem-Based Learning Module in Biology Education"*  
**(Aaron A. Funa)**
2. *"Acceptability of Mobile-based E-reviewer for Electronics"*  
**(Ronilyn T. Marbella)**
3. *"Development and Context Validation of Textbooks on Mathematics in the Modern World at Sorsogon State University, Sorsogon, Philippines"*  
**(Franklin P. Calaminos)**



4. *"The Effect of 16-Week Progressive Circuit Training Program on the Physical Fitness of Overweight University Students"*  
**(Jordan M. Pocaan)**
5. *"Effect of Tabata Resistance Training Program on Anaerobic Capacity, Aerobic Capacity and 50m Sprint Performance of Intermediate Swimmers"*  
**(Jordan M. Pocaan)**
6. *"Impact Assessment of Project LOTUS (Localized Tutorial Services)"*  
**(Jackielyne M. Bosquillos)**
7. *"Residents Profiling of the Catchment Barangays of SorSU: Basis of an Extension Program"*  
**(Maricel A. Dichoso)**
8. *"Honing Students' Intrinsic Motivation and Integrating Technology in Education through Self-Learning Modules"*  
**(Nestor L. Lasala Jr.)**
9. *"Techno-Economic Analysis of a Grid-Connected Hybrid Renewable Energy System in Calintaan Island Matnog, Sorsogon"*  
**(Bryan E. Escoto)**
10. *"Effectiveness and Impact of Online Capacity-building on Action Research"*  
**(Gerry S. Digo)**

Moderators: **Ms. Jezzabie G. Gamis & Ms. Mary Ann D. Especial**

Rapporteur: **Ms. Cynthia A. Basal**

1. *"Development and Quality Evaluation of a Vacuum Packed Ready to Cook Baloko (Pinna bicolor)"*  
**(Jeffrey P. Estrada)**
2. *"Development and Sensory Acceptability of Smoked Baloko Express in Bottle"*  
**(Jezzabie G. Gamis)**

3. *"Sensory Evaluation of Seaweed (kappaphycus) Pickles for Consumer Approval"*  
**(Jezzabie G. Gamis)**
4. *"Development of Footstep Energy Harvester Utilizing High Pole Count Generator with Maximum Power Point Tracking Algorithm and Wireless Monitoring"*  
**(Jazz Ryan V. Dungaran)**
5. *"Plastics as Admixture to Bitumen of Asphalt Road"*  
**(Eric E. Floresca)**
6. *"Development of Web Hosting Service for IT Capstone Project System and Web Application of SorSU-Bulan Campus"*  
**(Milan E. Bausa)**
7. *"Disaster Risk Assessment System using Support Vector Machine Algorithm and Risk Indicator"*  
**(Jonel B. Prado)**
8. *"Development of Web-Based Document Tracking System for Sorsogon State University"*  
**(John Mathew D. Dino)**
9. *"Development of Web-based Internship Monitoring System for Sorsogon State University Bulan Campus"*  
**(Bryan E. Escoto)**
10. *"Improving the Sweet Potato Food Processing Techniques of Indigenous People of Albay"*  
**(Mary Joy B. Catangui)**
11. *"A Data- Driven Approach for System Framework Design of Traffic and Vehicle Accidents"*  
**(Maria Charmy A. Arispe)**

Moderators: **Ms. Maricel A. Dichoso & Mr. Jordan M. Pocaan**

Rapporteur: **Ms. Sandra Lisa D. Marbella**

1. *"Ethnomathematics of the Salanigo Slippers among Gubatnon Cultrue of Sorsogon, Philippines"*  
**(Ryan V. Dio)**
2. *"Homegrown Pili (Canarium Ovatum, Engl.) Farming Practices in Sorsogon, Philippines"*  
**(Virginia P. Atutubo)**
3. *"Bicolano Migrant Workers' Practices and Identity in the Digital Space"*  
**(Ana Cristina G. Fortes)**
4. *"Needs Assessment of Children with Special Needs (CSNs) in the Province of Sorsogon"*  
**(Jordan M. Pocaan)**
5. *"Decoding Sorsogon's Allure: A Digital Analysis of Tourist Reviews on Trip Advisor"*  
**(Bryan O. Fruto)**
6. *"Effect of corporate governance on firm performance in selected publicly listed firms in the Philippines"*  
**(Bryan O. Fruto)**
7. *"Digital Nomadism in the Philippines: A Netnographic Study of Filipino Online Freelancers"*  
**(Bryan O. Fruto)**
8. *"Challenges and Coping Mechanisms of Young Mothers in the Municipality of Bulan"*  
**(Krishia B. Lachica)**
9. *"Ethnographic Study of "Kinurubong" Making Tradition in a Rural Village in Sorsogon"*  
**(Bryan O. Fruto)**
10. *"Honing the Numeracy Skills of 4Ps Parents' Recipients"*  
**(Aldin D. Labo)**



Moderators: **Dr. Susan F. Astillero & Mr. Bryan O. Fruto**

Rapporteur: **Mr. Noel John G. Despuig**

1. *"Revisiting the Sorsogon Pili (Engl. Conorium Ovotum) Nut Production Capacities Towards an Improved Value Chain Model"*  
**(Joey Richard V. Dio)**
2. *"Microfinance Loan Features and Household Finance of Micro-Business Owners in Sorsogon"*  
**(Bryan O. Fruto)**
3. *"Street Food Vendor Food Safety Knowledge, Attitudes, and Practices: A Comprehensive Analysis"*  
**(Georgette L. Quiñones)**
4. *"The Lived Experiences of Hospitality Management Students"*  
**(Rogelio B. Las Piñas)**
5. *"The Enterprise Value and the Financial Leverage of Manufacturing Industries in the Municipality of Bulan Sorsogon, Philippines: A Regressional Analyses"*  
**(Michael B. Bongalonta)**
6. *"The Traditional way of Saving Money Versus the Modern style of investment: The Financial Management Styles of Sorsogon State University (SorSU) Bulan Campus Faculty Members"*  
**(Santos E. Gigantoca, Jr.)**
7. *"The SSC-DTI Business Education On Accounting And Training For SMES (SSC-DTI-BEATS) Program: Its Implementation And Sustainability"*  
**(Michelle M. Bongalonta)**
8. *"Training Program For Msme Owners: A Need Assessment"*  
**(Allyboy G. Melitante)**
9. *"Value Chain Analysis of Sardines Fishery with Implications to Post-Harvest Fish Losses (PHFL) in Magallanes, Sorsogon, Philippines)"*  
**(Elden G. Orgela)**
10. *"Spending and Saving Habits Among College Technology Students"*  
**(Bleake Edmund L. De Guzman)**

Moderators: **Mr. Brian Gabriel J. Buenaobra & Ms. Ailyn Desengañó**

Rapporteur: **Ms. Jeanette A. Diesta**

1. *"Towards the making of future biologists in Sorsogon, Philippines"*  
**(Richard V. Dumilag)**
2. *"Licensure Examination Performance Evaluation of Engineering Program to its Academic Performance"*  
**(Jofeth D. Chavez)**
3. *"Evaluation of the Civil Engineering Program in Academic Performance versus Licensure Examination"*  
**(Jofeth D. Chavez)**
4. *"Evaluation of the Electrical Engineering Program in Academic Performance versus Licensure Examination"*  
**(Jofeth D. Chavez)**
5. *"Evaluation of the Mechanical Engineering Program in Academic Performance versus Licensure Examination"*  
**(Jofeth D. Chavez)**
6. *"BS Architecture Graduates: Their Employability and Professional Status"*  
**(Jermel Dichoso-Grulla)**
7. *"A tracer study in the Employability of Tech-vocational Teacher Education Graduates of a State University in the Philippines"*  
**(Jordan M. Pocaan)**
8. *"The Utilization of Learning Management System Among College of Technology Faculty"*  
**(Olive N. Mancera)**
9. *"Sustainability Assessment: Geoinformatics Mapping of Bachelor of Science in Agricultural and Biosystems Engineering Feasibility in SorSU Castilla, Sorsogon, Philippines "*  
**(Jerome M. Llabres)**
10. *"Feasibility Study on Offering Bachelor of Technical- Vocational Tacher Education (BTVTEd) Major in Animal Production and Agricultural Crop Production at Sorsogon Stae University-Castila Campus "*  
**(Rochele Aragon)**

11. *"Feasibility Study in Offering Bachelor of Science in Agricultural and Biosystems Engineering at Sorsogon State University-Castilla Campus"*

*(Melody Llabres)*

12. *"Survey of Sorsogon State University's BS in Electrical Engineering Graduates of 2019 and 2022"*

*(Maria Cecilia H. Dondonilla)*





# 6<sup>th</sup> SORDECon

SORSOGON RESEARCH, DEVELOPMENT AND EXTENSION  
CONFERENCE 2024

PITCHING SESSION

## GUIDELINES AND CRITERIA

1. All participants must be a bonafide researcher, faculty member, staff, or student of SorSU.
2. The participants must submit their entry by accomplishing the pre-registration form to be provided by the facilitators before February 16, 2024.
3. Pre-screening shall be conducted by the facilitators, and only those which passed the pre-screening process will be able to join the pitching competition.
4. Once an entry passes the screening, the authors shall make a pitch presentation (pre-recorded or live if face-to-face) on the scheduled pitch day.
5. In preparing the presentation, participants must focus on highlighting the following:
  - a. Commercial viability of the technology focusing on its potential earnings
  - b. Advantages of the technology to be pitched over the existing technology (market competitors)
  - c. Unique value proposition of the technology
  - d. Social and environmental impact of the technology
  - e. Their prospects on the progress of their technology
6. Each entry will be given 5 to 10 minutes for the presentation.
7. Panel of evaluators have 10 minutes to raise question/s after the presentation.
8. Demonstration of actual products may be included in the time allotment for the presentation.
9. The pitch will be judged through the following criteria:

<b>Presentation</b>	<b>- 10%</b>
<b>Technology</b>	<b>- 30%</b>
<b>Novelty</b>	<b>- 30%</b>
<b>Commerciality</b>	<b>- 30%</b>
<b>Total</b>	<b>- 100%</b>

Moderators: **Engr. Ivy Rose B. Gonzales & Ms. Cynthia A. Basal**

Rapporteur: **Ms. Sheryl S. Solano**

1. *"Pili Delight Bread Spread"*  
**(Gecel S. Beltran)**
2. *"Pili Cookies"*  
**(Jake Patrick G. Galon)**
3. *"Pili Ice Cream"*  
**(Monique G. Gutlay)**
4. *"Edible Utensil/Spoon"*  
**(Jeffrey P. Estrada)**
5. *"Vacuum Packed Ready-To-Cook Baloko"*  
**(Jeffrey P. Estrada)**
6. *"Mistytunes Lamp"*  
**(Eloiza Fulay)**
7. *"Arduino-Based Automated Assisted Sprinkler Regulator to Reduce Heat-Induced Stress In Grower Pigs"*  
**(Rico Elis G. Bragais)**
8. *"Dent (Kuping) Cassava Crackers"*  
**(Rica Mirandilla)**
9. *"Pili Resin Component for the Production of Bioplastic"*  
**(Sophia D. Ansus)**
10. *"Pili Pulp Oil as an Overlay for Preserving Plant Tissue Culture"*  
**(Jan Kenneth D. Rosare)**
11. *"Hagis Fruit (Syzqium tripinnatum) Wine"*  
**(Sophia D. Ansus)**
12. *"Hagis Vinegar"*  
**(Jan Kenneth D. Rosare)**
13. *"Pili-Based Deodorizer and Air Freshener"*  
**(Brian Gabriel Buenaobra)**





# 6<sup>th</sup> SORDECon

SORSOGON RESEARCH, DEVELOPMENT AND EXTENSION  
CONFERENCE 2024

EXTENSION PAPERS

## GUIDELINES AND CRITERIA

1. The presentation of the completed Extension Project should be done by the project leader or any member of the team.
2. The researchers must submit the soft copies of their manuscript at least ten (10) working days before the review.
3. All papers that garnered at least 85% rating in the evaluation result via the refereeing system (advance review) will be identified as **competing papers** and therefore qualified for the awards, they are all required to present and defend their paper during the event for determination of the winners.
4. All presenters are required to submit a **15-minute pre-recorded video presentation** comprising the title, introduction, objectives, methodology, results, conclusions, acknowledgement (if any), and references a week before the event.
5. All pre-recorded videos will be played during the parallel sessions. Competing papers will be first to present followed by non- competing papers. Competing papers will be given a **15-minute video presentation and another 15 minutes** shall be allotted for critiquing, deliberation, and clarification questions from the panel of evaluators. While non-competing papers will be given **10 minutes** for critiquing, deliberation, and clarification questions from the panel of evaluators.
6. A soft copy in MSWord format of the abstract with keywords of the completed Extension projects shall be submitted at [oet@sorsu.edu.ph](mailto:oet@sorsu.edu.ph) on or before **February 13, 2024**.
7. Submit your video on or before **February 26, 2024** to facilitate smooth flow of the program.
8. The Extension Project will be judged through the following criteria:

**Creativity, Originality, & Quality of Work** - 30%

**Significance of the Project** - 50%

**Manuscript/ Write Up** - 20%

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**Total** - 100%

Moderators/ Facilitators **Dr. Errol De Castro , Ms. Ada J. Escopete, & Mr. Gilbert Gile**

Rapporteur: **Ms. Sheila P. Duka**

1. *“Scaling Up Capacities of Community-Based Enterprises for Economic Empowerment of Persons with Disability (SUCCEED)”*  
**(Malyn Manalo-Asay)**
2. *“Arts and Crafts Development for Persons Deprived of Liberty (PDLs) and their Immediate Family Member Dependents (IFMD) of BJMP Albay”*  
**(Wilma Pajavera)**
3. *“Basura Mo, Kabuhayan Ko: Creative Upcycling of Used Polyethylene Tarps into Innovative Handicrafts”*  
**(Alfonso Penol, Jr.)**
4. *“Skills Development and Technology Transfer of Basic Electronics for Persons Deprived of Liberty (PDLs)”*  
**(Joel N. Sales)**
5. *“Empowering GESDA Communities through Science & Technology- Based Intervention to Increased Income of Farmers/ Fisherfolks in Brgy. Biga, Magallanes, Sorsogon)”*  
**(Elden Orgela)**
6. *“Bamboo Plantation Establishment: A Technology Demo Farm and Bamboo Propagation”*

## WORKING COMMITTEES:

### Communications/ Invitations:

External	:	Ms. Frances Grace J. Jetomo
Internal	:	Ms. Ana May M. Rubang
Research Evaluators	:	Prof. Christine H. Ferolino
Extension Evaluators	:	Dr. Ana Cristina G. Fortes
Pitching Evaluators	:	Engr. Ivy Rose B. Gonzales
Posters (Tarp) & design of the Program	:	Mr. Mario Corral and Mr. Joseph Ataiza
Program, Certificate and Evaluation	:	Ms. Ana May M. Rubang, Ms. Sandra Lisa D. Marbella and Ms. Sheryl S. Solano
Compilation of RDE Abstract	:	Ms. Frances Grace J. Jetomo and Mr. Noel John G. Despuig
Registration, Attendance and Financial Processing	:	Ms. Jeanette A. Diesta, Ms. Sheila P. Duka and Ms. Cynthia Basal
Documentation & Packaging of Reports	:	Ms. Jeanette A. Diesta, Ms. Sheila P. Duka, Ms. Sandra Lisa D. Marbella, Prof. Myrna D. Leoncito, and Ms. Sheryl S. Solano
Tabulators	:	Mr. Anthony L. Madrazo, Ms. Karen Mae Palabrica, Mr. Kristopher Hiloma, Mr. Alvin Z. Grulla, and Engr. Jofeth Chavez
Liason Officer	:	Mr. Noel John G. Despuig, and Mr. Joseph Astrophel Ataiza Jr.
RDE Exhibits and Poster	:	Prof. Romeo SE. Mendoza, Engr. Ivy Rose B. Gonzales, Mr. Eugenio Hamos, Mr. Jonathan Segismundo, Engr. Joy J. Labo, Ms. Janet Hibay, Ms. Shayne Kate Gozo, Ms. Justina P. Doctor, and Mr. Jose Marie Gonzales
Technical	:	Mr. Roberto Guides and Mr. Ryan Bitancor
Sounds and Lights	:	Mr. Alexander Jaynario and Mr. Jedaiel Macinas
Stage Decoration	:	Mr. Oliver F. Garbin and Mr. Roy Jarlego
Facilitators per Category	:	
Category 1 & 6	:	Ms. Maricel A. Dichoso, Mr. Jordan M. Pocaan Ms. Sandra Lisa D. Marbella
Category 2&7	:	Dr. Susan F. Astillero, Mr. Bryan O. Fruto and Mr. Noel John G. Despuig
Category 3&8	:	Mr. Brian Gabriel Buenaobra, Ms. Ailyn Desengaño and Ms. Jeanette A. Diesta
Category 4	:	Mr. Richard Kevin D. Espedido, Ms. Margielina Melitante and Ms. Ana May M. Rubang
Category 5	:	Ms. Jezzabie G. Gamis, Ms. Mary Ann D. Especial and Ms. Cynthia A. Basal
Extension Category	:	Dr. Errol De Castro, Ms. Ada J. Escopete, Mr. Gilbert Gile and Ms. Sheila P. Duka
Pitching Category	:	Engr. Ivy Rose B. Gonzales, Ms. Cynthia A. Basal and Ms. Sheryl S. Solano
Event Facilitators	:	Prof. Christine H. Ferolino, Dr. Ana Cristina G. Fortes Engr. Ivy Rose B. Gonzales and Prof. Frances Grace Jetomo
Ways & Means	:	Mr. Gerald E. Fulay, Dr. Telesforo D. Escoto, and Mr. Asael Jared Gacosta
Over-all Committee Chairperson	:	Ryan V. Dio



# VISION

A research university with a culture of excellence in developing globally competitive and values-oriented leaders and professionals.

# MISSION

To provide research-based quality education, innovations, and collaborative extension services for sustainable national and international development.

# CORE VALUES

H - Humility

E - Excellence

A - Accountability

R - Resiliency

T - Trustworthiness

# QUALITY POLICY STATEMENT

The Sorsogon State University commits to deliver quality education anchored on its vision and mission for the development and growth of the community. **SorSU** shall transform knowledge through research, instruction, extension, and production as it adheres to statutory and regulatory requirements for continual improvement of its systems.