



**Higher Education Regional Research Center (HERRC)**

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**Ongoing Research Programs/Projects**

Program/Project Title	Study Title	Researchers
<p>1. <b>Program:</b> Assessment of Educational Research Competence of Teachers: Basis for Capability-Building Programs</p> <p><b>Project 1:</b> Development and Utilization of Educational Research Proficiency</p>	<p><b>Study 1:</b> Development of Educational Research Proficiency Assessment for Teachers (ERPAT)</p> <p><b>Study 2:</b> Classical Test Theory Parameters of the Educational Research Proficiency Assessment for Teachers</p> <p><b>Study 3:</b> Training Needs Assessment on Educational Research Proficiency</p> <p><b>Study 4:</b> Voices from the Field: Lived Experiences of Teacher Researchers</p>	<p>Janet Lynn M. Balagtey</p> <p>Apler J. Bansiong</p> <p>Dante M. Miguel</p> <p>Dolores E. Alawas</p>
<p>2. <b>Project 2:</b> Needs Assessment Scale on Self-Efficacy in Research</p>	<p><b>Study 1:</b> Development of Self-Efficacy Scale in Educational Research (SESER)</p> <p><b>Study 2:</b> Educators' Self-Efficacy in Educational Research</p> <p><b>Study 3:</b> Motivation and Challenges in the Research Process</p>	<p>Leonila R. Sito (Project Leader) Jean Jannette V. De Joya, Arnulfo C. Capili, Dona Claire L. Colinang, Erlyn Honeylette C. Marquez, Jingle P. Cuevas Froilan B. Manas</p>
<p>3. <b>Project:</b> The What, Why, and How of Conceptual Understanding of Mathematical Learning Competencies</p>	<p><b>Study 1:</b> The Teaching; of Mathematics Learning Competencies: Experiences of the BEEd Pre-Service Teachers</p> <p><b>Study 2:</b> Proficiency and Instructional Modalities of the BEEd Pre-Service Teachers</p> <p><b>Study 3:</b> Enhancing the Problem-Solving Instruction Skills of Third Year BEEd Pre-Service Teachers through Indirect Instruction Lessons</p> <p><b>Study 4:</b> Assessing Conceptual Understanding of Mathematical Learning Competencies</p>	<p>Froilan B. Manas</p> <p>Emill M. Kisim</p> <p>Froilan B. Manas</p> <p>Esper L. Feliciano</p>
<p>4. <b>Project:</b> Student Performance: Inputs to an Enhanced On-the-Job Training Plan</p>	<p><b>Study 1:</b> On-the-Job Training Performance of Benguet State University-Bachelor of Arts in English Language Studies Students</p> <p><b>Study 2:</b> On-the-Job Training Performance of Benguet State University-Bachelor of Arts in Filipino Students</p>	<p>Jhordan T. Cuilan Fresan Dimple N. Cabrera; Vanderlee M. Batalier; Reslyn G. Capuyan</p> <p>Penelope F. Tica-a, Janet B. Mede; Dominga S. Tomas; Mitche A. Aglasi</p>

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5. <b>Project:</b> Facilitating Experiences in Pedagogy, Technology and Assessment during the Conduct of Flexible Learning: Inputs for a Proposed Flexible Teaching, Learning and Partnership Dynamics	<p><b>Study 1:</b> Pedagogical Approaches in Facilitating Flexible Teaching and Learning During the COVID 19 Pandemic</p> <p><b>Study 2:</b> Technological Approaches in Facilitating Flexible Teaching and Learning During the COVID 19 Pandemic</p>	<p>Emill M. Kisim (Project leader)</p> <p>Emil M. Kisim Froilan B. Manas</p>
6. <b>Project:</b> Evaluation and Adoption of Entomopathogenic Fungi and Nematodes as Biopesticides to Manage Coffee Berry Borer ( <i>Hypothenemus hampei</i> ) and Other Major Insect Pests of Arabica Coffee	<p><b>Study 1:</b> Validation and identification of entomopathogenic fungi (EPF) and entomopathogenic nematodes (EPNs) through molecular analysis</p> <p><b>Study 2:</b> Efficacy and virulence tests of entomopathogenic fungi (EPF) and entomopathogenic nematodes (EPNs) against major insect pests</p> <p><b>Study 3:</b> Evaluation of the efficacy, efficacy dose, method of application, and frequency of BCAs (EPF/ EPNs) to control coffee berry borer (<i>Hypothenemus hampei</i>) and other major insects;</p> <p><b>Study 4:</b> Evaluation of current management practices with EPF/ EPNs against coffee berry borer</p>	<p>Nordalyn B. Pedroche, Socorro L. Rulloda, Diwa B. Kingay, Jaime B. Codio, Nora Hill Evasco, Joyce D. Mauricio</p> <p>Lucille M. Faroden, Nordalyn B. Pedroche, Nora Hill Evasco</p> <p>Nordalyn B. Pedroche, Lucille M. Faroden and Nora Hill Evasco</p> <p>Lucille M. Faroden, Nordalyn B. Pedroche and Nora Hill Evasco</p>
7. Assessment of Employability of Agriculture Education Graduates of Benguet State University	<p><b>Study 1.</b> Employability of Agriculture Education Graduates - Department of Agricultural Economics and Agribusiness Management</p> <p><b>Study 2.</b> Employability of Agriculture Education Graduates - Department of Crop Science</p> <p><b>Study 3.</b> Employability of Agriculture Education Graduates - Department of Plant Pathology</p> <p><b>Study 4.</b> Employability of Agriculture Education Graduates - Department of Animal Science</p> <p><b>Study 5.</b> Employability of Agriculture Education Graduates - Department of Entomology</p> <p><b>Study 6.</b> Employability of Agriculture Education Graduates - Department of Development Communication</p> <p><b>Study 7.</b> Employability of Agriculture Education Graduates - Department of Soil Science</p> <p><b>Study 8.</b> Employability of Agriculture Education Graduates - Department of Extension Education</p>	<p>Nordalyn B. Pedroche Rashid B. Lokines Samuel L. Duyan Jenifer P. Domolog</p> <p>Esther Josephine D. Sagalla Jeson Y. Delamen Hector C. Gayomba Alma A. Amado</p> <p>Nordalyn B. Pedroche</p> <p>Myrna B. Walsiyen Mary Arnel Garcia</p> <p>Rachel K. Tudayan</p> <p>Paul Joseph A. Nuval</p> <p>Gennie B. Soyon</p> <p>Maritess D. Wakat</p>

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8. Rediscovery of Underutilized Food Legumes in Benguet and Mountain Province: Germplasm Characterization and Evaluation, Seed Production and Development of Legume-derived Specialty Food Products	<b>Study 5.</b> Development of specialty legume-based food products	Belinda A. Tad-awan (Project Leader), Hilda L. Quindara, Esther T. Botangen, Hector C. Gayomba
9. Tracer Study, Client Satisfaction, Curriculum Relevance and Graduate Program Impact Assessment of 2010-2019 of the BSU Open University	<b>Study 1.</b> The Profile and Motivations of 2010-2019 Graduates in Enrolling in a Master's Degree Program at BSU Open University <b>Study 2.</b> Degree of Satisfaction of Graduates on the degree finished at the BSU Open University <b>Study 3.</b> Assessment of the Relevance of the Master's degrees offered at the BSU Open University <b>Study 4.</b> Impact Assessment of the Masters' degrees offered at the BSU Open University	Romeo A. Gomez, Jr. (Project Leader), and Leonard T. Apilis (Study Leader)
10. <b>Program.</b> Flexible Teaching-Learning Assessment		Bretel B. Dolipas
11. <b>Project 1.</b> Flexible Teaching-Learning in Science: An Assessment	<b>Study 1.</b> Flexible Teaching Scenario In Science Courses  <b>Study 2.</b> Flexible Learning Scenario In Science Courses	Jennifer Lyn S. Ramos, Bretel B. Dolipas; Ederson G. Bawang; Joel V. Lubrica; Jovalson Abiasen  Jovalson T. Abiasen, Bretel B. Dolipas; Ederson G. Bawang; Joel V. Lubrica;; Jennifer Lyn S. Ramos
12. <b>Project 2.</b> Assessing the Flexibility of Mathematics Learning within the Purview of Flexible Learning	<b>Study 1.</b> Challenges In Flexible Learning Mathematics Course: An Exploratory Factor Analysis  <b>Study 2.</b> Challenges in Flexible Teaching Mathematics Courses  <b>Study 3.</b> Factors Fueling Flexible Learning in the Graduate Studies: An Assessment	Nick W. Sibaen, Monica S. Alimondo; Serano L. Oryan; Julie A. Buasen; Bretel B. Dolipas  Monica S. Alimondo, Nick W. Sibaen; Kenneth B. Pakipac; Julie A. Buasen; Bretel B. Dolipas  Julie A. Buasen, Monica S. Alimondo; Nick W. Sibaen; Bretel B. Dolipas
13. <b>Project 3.</b> Delivery of Teaching-Learning in Statistics amidst Covid-19 Pandemic	<b>Study 1.</b> Delivery of Learning amidst Covid-19 Pandemic  <b>Study 2.</b> Delivery of Teaching amidst Covid-19 Pandemic  <b>Study 3.</b> Predictors of BSS Students' Persistence in Flexible Learning	Freda Kate Samuel, Maria Azucena B. Lubrica; Precious Valentin; Marycel Sajise; Bretel B. Dolipas  Precious Valentin, Maria Azucena B. Lubrica; Freda Kate Samuel; Marycel Sajise; ; Bretel B. Dolipas  Marycel T. Sajise, Maria Azucena B. Lubrica; Precious Valentin; Freda Kate Samuel; Precious Valentin; Bretel B. Dolipas
14. Potential Gender Bias in Philippine K To 10 Mathematics and Science Textbooks		Apler J. Bansiong, Olga B. Betudio, Ariston B. Canayon, Rosemarie P. Daytec, Emill M. Kisim, Albert Bolcio Jr

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16. <b>Program Title.</b> The Facets of Mathematics and Science Performances of Students Under Modular and Online Modes of Instructions		Serano L. Oryan
17. <b>Project 1:</b> The Facets of the Mathematics Performances of Students under Modular and Online Modes of Instruction	<p><b>Study 1.</b> The Facets of the Mathematics Performances of Freshman Students Under Modular and Online Modes of Instruction</p> <p><b>Study 2.</b> The Facets of the Mathematics Performances of Mathematics Major Students Under Modular and Online Modes of Instruction</p> <p><b>Study 3.</b> The Facets of the Mathematics Performances of Advance Mathematics Students Under Modular and Online Modes of Instruction</p> <p><b>Study 4.</b> Exploration of Students' Mathematic Performance under the Modular and Online Realm: A Case Study</p>	<p>Monica S. Alimondo, Nick W. Sibaen; Kenneth B. Pakipac</p> <p>Julie A. Buasen, Nick W. Sibaen; Kenneth B. Pakipac</p> <p>Nick W. Sibaen, Monica S. Alimondo</p> <p>Monica S. Alimondo</p>
18. <b>Project 2.</b> Academic Performance and Coping Initiatives of Students in Learning Science under a Flexible Learning Environment	<p><b>Study 1.</b> Academic Performance and Coping Initiatives of Students in Learning Basic Science Courses under a Flexible Learning Environment</p> <p><b>Study 2.</b> Academic Performance and Coping Initiatives of Students in Learning Major Science Courses under a Flexible Learning Environment</p>	<p>Ederson G. Bawang, Jovalson T. Abiasen; Bretel B. Dolipas; Joel V. Lubrica; Jennifer Lynn S. Ramos</p> <p>Jovalson T. Abiasen, Ederson G. Bawang; Bretel B. Dolipas; Joel V. Lubrica; Jennifer Lynn S. Ramos</p>
19. <b>Project.</b> A Tracer Study on the Employability Status of Bachelor of Science in Environmental Science (BSES) Graduates from 2014-2018		Elizabeth T. Dom-ogen, Joana L. Alafag, Janice P. Balangen, Marjury M. Tabon
20. <b>Project:</b> University Research Mentoring Construct toward a Contextualized Scheme in Explicit Mentoring	<p><b>Study 1.</b> University Research Mentoring Construct toward a Contextualized Scheme in Explicit Mentoring: Quantitative Phase</p> <p><b>Study 2.</b> University Research Mentoring Construct toward a Contextualized Scheme in Explicit Mentoring: Qualitative Phase</p>	<p>Jhordan T. Cuilan Julienne C. Carino</p>
21. Program. Development of MTB-MLE Instructional Framework for Teacher Training (MTB-MLE-IFTT)  <b>Project 1.</b> The Teaching of MTB-MLE: Voices from the field	<p><b>Study 1.</b> Dimensions of, Designs in, Differentiations at MTB-MLE Instruction</p> <p><b>Study 2.</b> The Effects of Language Shifting from L1 to L2</p> <p><b>Study 3.</b> Pedagogical Challenges and Professional Development Needs of MTB-MLE Teachers</p>	<p>Esper L. Feleciano</p> <p>Leonardo T. Apilis</p> <p>Sarah M. Palaw-ay</p>

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<p><b>Project 2.</b> MTB-MLE Technology, Pedagogy and Content Knowledge (TPACK) and Concerns of Preservice Teachers</p> <p><b>Project 3.</b> Instructional Technologies in MTB-MLE</p>	<p><b>Study 1.</b> Teacher-Interns Technology, Pedagogy and Content Knowledge (TPACK) of MTB-MLE</p> <p><b>Study 2.</b> Concerns and Self-management Practices of Teacher-interns along the TPACK Areas of MTB-MLE</p> <p><b>Study 3.</b> Development Programs in Mentoring Teacher-Interns for MTBMLE Instruction</p> <p><b>Study 1.</b> State of Information and Communications Technology (ICT) Tools in Preparing Instructional Technology Tools for MTB-MLE Instruction</p> <p><b>Study 2.</b> Competence of Teachers in Designing Instructional Technologies for MTB-MLE Instruction</p> <p><b>Study 3.</b> Challenges and Training needs of Teachers in the Preparation and Utilization of Instructional Technologies for MTB-MLE instruction</p>	<p>Desiree F. Botengan Betty M. Divindo Alexandra S. Sad-ang</p> <p>Divina M. Yango Bryant O. Botengan Jocelyn C. Rivera and Terrilyn G. Dontogan</p>
<p>22. An Evaluation of the Graduate School of Benguet State University</p>	<p>A Baseline Study of the Centralized Graduate School</p> <p>An Assessment of a Decentralized Graduate School</p> <p>BSU-CVM Graduate Tracer Study (1982-2021)</p>	<p>Rachele D. Bambico (Project Leader)</p> <p>Maridel P. Langbis (Study Leader); Beverly C. Sa-ao, Rachele D. Bambico (Co-Study Leader)</p> <p>Beverly Sa-ao (Study Leader); Rachele D. Bambico, Maricel P. Langbis (Co-Study Leader)</p> <p>Edlyn N. Ciano, Jovelyn G. Lampac, Beverly B. Tagactac, Criselda S. Battad, Gil G. Calderon, Karen B. Gaerlan, Loretta C. Romero, Joseph A. Dianso</p>
<p>23. Responding to Mass Accreditation Feedbacks towards a Quality Education</p>	<p><b>Study 1.</b> An Assessment of MASS Faculty Teaching Methods and Techniques</p> <p><b>Study 2.</b> An Evaluation of the BSU Vision and Mission, CAS goals and the Master of Arts in Social Studies program objectives</p> <p>Student test Checking System</p>	<p>Ann Heather B. Kiwang, Aurora C. Cuyan, Maria Theresa B. Dolipas, Shane Tomas, Jihjireh Mangangot, Maribel Apnoyen, Rachele B. Bambico, Flordeliza D. David, Analyn Lamigo, Beverly Sa-ao</p> <p>John B. Lacea</p>