



DE LA SALLE UNIVERSITY- DASMARIÑAS

Office of the Vice Chancellor for Academics and Research

Office of the Assistant Vice Chancellor for Research

University Research Office

CONFERENCE ON TECHNOLOGY AND RESEARCH FOR NATIONAL DEVELOPMENT AND SUSTAINABILITY

MAY 24-26, 2023 via ZOOM MEETINGS

Research and Innovations in the Better Normal



ZOOM LINK

PLENARY AND PARALLEL SESSIONS



CONFERENCE ON TECHNOLOGY AND RESEARCH
FOR NATIONAL DEVELOPMENT AND SUSTAINABILITY

Program

DAY one

May 24, 2023

Wednesday

9:00 AM

Master of Ceremonies:
Mr. Loreto M. Camiloza

9:00 AM OPENING PROGRAM

Invocation / Philippine National Anthem

Conference Rationale

Dr. EDWIN F. LINESES

Director, University Research Office

Welcome Address

Dr. CRISTINA C. SALIBAY

Vice Chancellor for Academics and Research

Message

Dr. MARCO S. SAEZ

Chancellor

Message

Br. FRANCISCO "SOCKIE" DELA ROSA VI FSC

President

9:45 AM PLENARY SESSIONS

Plenary Talk 1

"Research Initiatives on Plastic Pollution: Their Impacts and Solutions in Sustaining the Environment"

Dr. DEO FLORENCE L. ONDA

Deputy Director for Research, Marine Science Institute,
University of the Philippines

Founding Member, Plastics Research Network - PHL

Plenary Talk 2

"From Data to Action: Utilizing Research to Engender Innovations in the Philippines"

Dr. MARY JANET M. ARNADO

2010 Outstanding Young Scientist in the field of Sociology

Faculty, Department of Sociology and Behavioral Sciences,
De La Salle University

12:00 NN LUNCH BREAK

1:00 PM PARALLEL SESSION 1

3:00 PM PARALLEL SESSION 2

DAY
two**May 25, 2023****Thursday****9:00 AM**

Masters of Ceremonies:
Mr. Artin G. Umali
and **Dr. Jeffrey**
A. Lubang

9:00 AM OPENING PROGRAM**Invocation / Philippine National Anthem****Audio-Visual Presentations****DLSU-D VIDEO PRESENTATIONS****Intermission Performance****LA SALLE FILIPINIANA DANCE COMPANY****Recap of Day 1****Mr. ARTIN G. UMALI and Dr. JEFFREY A. LUBANG****Master of Ceremonies****9:30 AM PLENARY SESSIONS****Plenary Talk 3****“The National Harmonized Research and Development
Agenda: Opportunities for Collaboration and Innovations”****Dr. BERNARDO N. SEPEDA****Executive Director****National Research Council of the Philippines****Plenary Talk 4****“Quality Innovation and Reliability Engineering”****Engr. RICK DONALD MANZON, PhD****Outstanding College Professor by the Leadership Education
Academy and Development****Chair, Industrial Engineering, San Beda College****12:00 NN LUNCH BREAK****1:00 PM PARALLEL SESSION 3****3:00 PM PARALLEL SESSION 4**

DAY three

May 26, 2023

Friday

9:00 AM

Masters of Ceremonies:
Ms. Graciella Sofia B.
Camaisa and
Ms. Rise Faith Christine
Alexandria L. Adolfo

8:00 AM PARALLEL SESSION 5

10:00 AM OPENING PROGRAM

Invocation / Philippine National Anthem

Audio-Visual Presentations
MUSEO DE LA SALLE

Recap of Day 2

Ms. GRACIELLA SOFIA B. CAMAISA and Ms. RISE FAITH
CHRISTINE ALEXANDRIA L. ADOLFO

Masters of Ceremonies

PLENARY SESSION

Plenary Talk 5

“Social Entrepreneurship: Empowering Communities for Cultural,
Social, and Economic Development”

Ms. CATHERINE U. DIQUIT

Social Entrepreneur, Likhang Maragondon

Recipient, Exceptional Woman of CALABARZON Tourism 2022

12:00 NN LUNCH BREAK

1:30 PM CLOSING PROGRAM

Acknowledgments

Dr. JENNIFER T. ARROYO

Coordinator, Research Training, Events, and Network

Invitation to Publish

EDITORS-IN-CHIEF OF DLSU-D JOURNALS

Awarding of Outstanding Papers and Presenters

Closing Remarks

Dr. JOHNNY A. CHING

Assistant Vice Chancellor for Research



CONFERENCE ON TECHNOLOGY AND RESEARCH
FOR NATIONAL DEVELOPMENT AND SUSTAINABILITY

Parallel Sessions

STRANDS

- Education and Learning
- Behavioral Health, Psychology, and Mental Healthcare
- Governance, Human Rights, and Public Policy
- Business, Management, Tourism, and Development Studies
- Science, Technology, Engineering, and Mathematics
- Language and Communication Studies
- Social Sciences and Humanities
- Environmental and Natural Resource Management

Day 1

May 24, 2023

Session 1

1:00 PM - 3:00 PM

SESSION 1A: EDUCATION AND LEARNING**MODERATOR: Mr. RAYMOND IBASCO**Languages and Literature
Department**STRENGTHENING LOCAL INTER-AGENCY
COLLABORATION IN RESPONSE TO HOMEROOM
GUIDANCE PROGRAM OF KINDERGARTEN LEARNERS
OF LAWACAMULAG ELEMENTARY SCHOOL****Chelsea Mae M. Yumul**

Lawacamulag Elementary School

**REFLECTIONS OF ENGLISH TEACHERS IN
INSTRUCTIONAL STRATEGIES: CHALLENGES
AND INSIGHTS IN THE NEW NORMAL****Randolph G. Catungal**

Bulacan State University

**ONLINE LEARNING COPING STRATEGIES OF
TEACHERS DURING THE PANDEMIC****Dr. Nelson G. Agoyaoy, Mr. Wesley Paul C. Dalmacio,
Laionel M. Ruelan, Mrs. Clarissa T. Realino, Mr. Hector
R. Panganiban, Mr. Reynaldo P. Sidayen Jr. and Mr.
Joshua M. Tulod**University of the East-Calooocan
Basic Education Department**THE RESILIENCY OF TEACHERS IN A PRIVATE SCHOOL
IN CAVITE, PHILIPPINES****Christian L. Banal**

National University

Day 1

May 24, 2023

Session 1

1:00 PM - 3:00 PM

SESSION 1B: EDUCATION AND LEARNING**MODERATOR: Dr. MARK EDWIN ASPRA**

Social Sciences and Humanities
Department

**THE EFFECTIVENESS OF 1STOP DRIVE THRU
GOOGLE SITE: BASIS FOR DEVELOPING SCHOOL
COMMUNICATION PLATFORM**

**May A. Sotomayor, Lailani N. Torres, May A.
Sotomayor, Carol V. Dela Rosa, and Crisanta F. Caudal**
Gen. Emilio Aguinaldo National High School, Imus

**CAMPUS LIFE EXPERIENCE AND CHOICE OF HIGHER
EDUCATION INSTITUTION: THE CASE OF THE
GRADUATING STUDENTS OF DE LA SALLE UNIVERSITY-
DASMARIÑAS SENIOR HIGH SCHOOL**

**Dr. Mario S. Torres, Dr. Nelda A. Nacion, and Dr. Airill L.
Mercurio**
De La Salle University- Dasmariñas

**ONLINE LEARNING AND EMOTIONAL PRESENCE OF
SENIOR HIGH SCHOOL STUDENTS**

Jowenie A. Mangarin
Immaculate Conception College of Balayan, Inc.

**SCHOOLBOOK AS A LEARNING TOOL IN
THE COLLEGE OF EDUCATION GRADUATE
STUDIES, DLSU-D**

**Maria Luisa Abiador, Dr. Manuel Camarse, Dr. Olivia
Legaspi, and Dr. Susan Mostajo**
De La Salle University – Dasmariñas

Day 1

May 24, 2023

Session 1

1:00 PM - 3:00 PM

SESSION 1C: SOCIAL SCIENCES AND HUMANITIES**MODERATOR: Dr. ROMMEL MAZO**Social Science and Humanities
Department**LUWA SA PITONG ARKANGHEL: ISANG PAG-UNAWA SA
KULTURA NG LUWA SA INDANG, KABITE GAMIT ANG
TEORYA NI GADAMER****Aldrin P. Baes**

Cavite State University

**DANIEL TRIA TIRONA: KONTEKSTUWAL NA PAG-UNAWA
SA KONTROBERSIYAL NA BUHAY NG ISANG
REBOLUSYONISTA (1864-1939)****Dr. Palmo Romero Iya**

De La Salle University- Dasmarias

**TRANSGENDER NA INTELEKTUWAL: PAGDALUMAT SA
BUHAY, PRAKSIS AT PELIKULA NI ISABEL SANDOVAL GAMIT
ANG HERMENYUTIKA NI SCHLEIERMACHER****Raymond M. Verana, LPT, MAARFIL and Mauray
Matthew Llenado**

Philippine Science High School - Calabarzon Region Campus

**AWARENESS OF NON-HEALTH-ALLIED STUDENTS OF
THE UNIVERSITY OF SANTO TOMAS ON PHARMACISTS'
EXPANDING ROLE AS IMMUNIZERS AND ITS CORRELATION
TO THEIR PERCEPTIONS OF PHARMACISTS AS IMMUNIZERS****Claire Jeramie Alvarez, Alexine Jemina C. Abaya, Frances
Carla N. Agudong, Nicolle D. Amen, Stephen Brylle M.
Andrade, Keisha Yahara A. Aranda, Wilmel P. Ardiosa, and
Franelyne P. Casuga**

University of Santo Tomas

Day 1

May 24, 2023

Session 1

1:00 PM - 3:00 PM

**SESSION 1D: BEHAVIORAL HEALTH, PSYCHOLOGY,
AND MENTAL HEALTHCARE****MODERATOR: Mr. FREDERICK GODINEZ**

University Lasallian Family Office

**TOGETHER THROUGH THE RAINBOW: EXPLORING THE
LIVED EXPERIENCES OF SELECTED COHABITING MILLENNIAL
SAME-SEX COUPLES IN PAMPANGA****Carlo T. Samia**

Don Honorio Ventura State University - Main Campus

**MAKING SENSE OF EXPERIENCES OF SELECTED PLHIV
THROUGH ONLINE THEME DIRECTED FOCUSING
ORIENTED EXPRESSIVE ARTS: AN INTERPRETATIVE
PHENOMENOLOGICAL STUDY****Abraham Dela Cruz**

De La Salle University – Dasmariñas

**MARITAL SATISFACTION AND OVERALL HEALTH
IMPRESSION AMONG LONG DISTANCE AND PROXIMAL
RELATIONSHIP: A BASIS FOR MARITAL RELATIONSHIP
COUNSELLING****Karel Jane T. Lirazan, RPm**Polytechnic University of the Philippines - Sta. Mesa
St. Jude College Dasmariñas**EXPLORING GENDER EXPRESSION OF LEARNERS IN SHS IN
SAN NICHOLAS III, BACOR CITY****Jaynard L. Monleon and Elarcie Balsomo**

SHS in San Nicholas III - Bacoor

Day 1

May 24, 2023

Session 1

1:00 PM - 3:00 PM

**SESSION 1E: GOVERNANCE, HUMAN RIGHTS,
AND PUBLIC POLICY****MODERATOR: Mr. LORENZO JONCENT CENTINO, Jr.**
Lasallian Community Development Center**THE VERACITY AND FALSITY IN A POLITICAL DISCOURSE****Christian L. Banal**
National University, Philippines**A CASE STUDY ON THE EFFECTS OF K-12 PROGRAM
TO SELECTED MIDDLE-INCOME FAMILIES IN CAVITE****Rolf Peter S. Delos Santos and Dr. Jan Phillip Mallari**
Elizabeth Seton School-South**COMPARATIVE FRAMING ANALYSIS OF ONLINE ARTICLES ON
RA 11479 (ANTI-TERRORISM ACT OF 2020) IN GMA NEWS
AND ABS-CBN NEWS FROM JULY TO DECEMBER 2020****David Clemente Alcala**
University of the Philippines Los Baños**DISASTER RISK REDUCTION READINESS, PARTICIPATION
AND PREPAREDNESS OF BARANGAY OFFICIALS IN ANTIPOLLO:
BASIS FOR AN INTENSIVE TRAINING PROGRAM****Mikhaella Nica Maglalang, John Christian Espinola, Vecka
Meneses, Lady Alliah Dela-Merced, Mikylla Escobido Kamille
Villanueva, Scott Ashley Delas-Llagas, and Aaron Olivo**
Lyceum of the Philippines University

Day 1

May 24, 2023

Session 1

1:00 PM - 3:00 PM

**SESSION 1F: BUSINESS MANAGEMENT, ECONOMICS,
TOURISM AND DEVELOPMENT STUDIES****MODERATOR: Dr. LEO MANANSALA**

College of Business Administration and
Accountancy- Graduate Studies

**IMPLEMENTING RENEWABLE ENERGY PROJECT
IN THE PHILIPPINES****Margery Bautista**

UNFPA/ Energy Evaluation Asia Pacific/ De La Salle
University Manila

**TAHONG BURGER STEAK: PAGLINANG NG
BAGONG PRODUKTO NA GALING SA TAHONG**

Jhan Bernadette J. Agapito, Claire B. Garcia, Lanz
Clarence N. Narvaez, Jean Patrice A. Cabantac,
Daiana Rei B. Dumapit, Brenda Mae L. Celeres,
Bea Bianca D. Romero, Ronel L. Mendoza, Claire
B. Garcia, and Anthony Santos

International School for Hotel and Restaurant
Management

**LEVEL OF SATISFACTION IN KANIN BURGER AT
ANABU II-B IN IMUS CITY, CAVITE**

Allyana Marie A. Sarno, Earl S. Alfante, Patricia
Ann Maika B. Camaña, Rica Mai A. Laurilla, and
Sarah Joy Lorraine B. Ebor

Unida Christian Colleges

Day 1

May 24, 2023

Session 1

1:00 PM - 3:00 PM

**SESSION 1G: SCIENCE, TECHNOLOGY, ENGINEERING,
AND MATHEMATICS****MODERATOR: Mr. JEROME BUHAY**

Mathematics and Statistics Department

**SENILE FRUIT-BEARING TREES AS POSSIBLE TIMBER
ALTERNATIVE: PHYSICAL AND MECHANICAL PROPERTIES****Oliver S. Marasigan, Marina Alipon, and Elvina Bondad**

DOST - Forest Products Research and Development Institute

**AN E-COMMERCE MOBILE APPLICATION WITH
CUSTOMIZABLE FLOWER ARRANGEMENT FEATURE FOR
ZOEY FLOWER SHOP****Dr. Mark Anthony P. Sabili and Frances Frangelico S.****Friginal, MIT**

Emilio Aguinaldo College

**CREATING AND TEST-IMPLEMENTATION OF CVSU-CCAT
ACCESSIBLE ROR GENERATOR EXCEL SHEET (CARES):
AN INSTRUCTION-AUGMENTING ACTION RESEARCH
PROJECT FOR THE FACULTY OF INDUSTRIAL
TECHNOLOGY DEPARTMENT****Joice Ann G. Gresos, Mark Jason R. Resultay,****Vincent M. Gonzaga, Sunny May S. Ronas,****and Crugie Boy A. Vitobina**

Cavite State University- CCAT Campus

**UTILIZATION POTENTIAL OF 10 FOREST WOODY
VINES GROWN IN THE QUEZON PROTECTED
LANDSCAPE (QPL), QUEZON, PHILIPPINES: PHYSICAL
AND MECHANICAL PROPERTIES****Shereyl Aguirre Daguinod, Elvina O. Bondad, Oliver S.****Marasigan, and Marina A. Alipon**

DOST - Forest Products Research and Development Institute

Day 1

May 24, 2023

Session 1

1:00 PM - 3:00 PM

**SESSION 1H: SCIENCE, TECHNOLOGY, ENGINEERING,
AND MATHEMATICS****MODERATOR: Mr. GIDEON LEGASPI**

Physical Sciences Department

**CROP SWITCHING AS CLIMATE CHANGE ADAPTATION
STRATEGY OF FARMERS IN THE PROVINCE OF BATANGAS****Dr. Analiza D. Resurreccion**

De La Salle Lipa

**A COMPARISON ON THE ALGORITHMS OF PATH PLANNING
AND OBSTACLE AVOIDANCE FOR DISTRIBUTED MULTI-UAVS****Nikki A. Ganotan**

Saint Louis University

**ALPHA-D-GLUCOPYRANOSE MONOHYDRATE (GLUCOSE),
H₂O (WATER), AND FOLIC ACID (VITAMIN B₉) IN OVO
FEEDING OF PRE-HATCH *Anas platyrhynchos* (PHILIPPINE
MALLARD DUCK)****Fushan Marie Balgos, Angelo Enrique P. Castillo, Glorianne Jie
C. Sarrosa, Alleah Nesty S. Suganob, Karl Evan R. Pama, and
Mia Joy A. Inocencio**

Notre Dame of Marbel University – Integrated Basic Education

**APPLICATION OF *Theobroma cacao* L. (cacao) HUSK FIBERS
PACKED IN NYLON NETS AS ECO-FRIENDLY SORBENT OIL
SPILL SORPTION****Monleon, Jaynard L., Balolong, Jamane Kyla, Navo, Maria
Theresa, Balsomo, Elarcie**

SHS in San Nicholas III - Bacoor

Day 1

May 24, 2023

Session 2

3:00 PM - 5:00 PM

SESSION 2A: EDUCATION AND LEARNING**MODERATOR: Mr. CHRISTIAN VILLANUEVA**

Social Sciences and Humanities Department

**ASSESSMENT OF THE EMPLOYERS' SATISFACTION ON
THE JOB PERFORMANCE OF APAYAO STATE COLLEGE –
CONNER CAMPUS GRADUATES IN THE WORKPLACE****Wresler C. Pascua and Ariel M. Alcones**

Apayao State College - Conner Campus

**EXPLORING EFFECTS OF METACOGNITION ON STUDENT
ENGAGEMENT IN MATHEMATICS ONLINE LEARNING:
A PARTIAL LEAST SQUARE – STRUCTURAL EQUATION
MODEL APPROACH****Armaly A. Enriquez, Michelle R. Bator, Benladen E. Aspi,
Richard B. Cabatingan, and Kenneth E. Babor**

Zamboanga Peninsula Polytechnic State University

**LEVELS OF ENGLISH LANGUAGE PROFICIENCY AMONG
GRADE 12 STUDENTS IN UNIDA CHRISTIAN COLLEGES
A.Y 2022-2023****Ayeen B. Alvarez**

Unida Christian Colleges

Day 1

May 24, 2023

Session 2

3:00 PM - 5:00 PM

SESSION 2B: EDUCATION AND LEARNING**MODERATOR: Mr. EDGARDO GARNACE**

Social Sciences and Humanities Department

ASSESSMENT ON THE EFFECTIVITY OF PERFORMANCE EVALUATION TOOL OF APAYAO STATE COLLEGE-CONNER CAMPUS AS PERCEIVED BY THE EMPLOYEES

Criserna Ruth M. Songgadan, Criserna Ruth M. Songgadan, Wresler C. Pascua, Keneth Dexter Mark Tablatin, and Nathaniel T. Llamelo
 Apayao State College - Conner Campus

ASSESSMENT OF THE FACTORS AFFECTING THE ATTITUDES AND PERCEPTIONS ON THE ACADEMIC SATISFACTION OF THIRD-YEAR PHARMACY STUDENTS DURING THE COVID-19 PANDEMIC

Demi Lyn P. Santy, Shannen Alyssa Marie A. Taguinod, Frances Willyne M. Uy, Althea Kate V. Villacencio, Pauleen M. Vuelta, Allyza Cristina S. Tejada, and Franelyne P. Casuga
 University of Santo Tomas

THE PERCEIVED DIFFICULTIES AND MISCONCEPTIONS OF SENIOR HIGH SCHOOL LEARNERS ON GENERAL BIOLOGY 1 SUBJECT

Shailia Reemah P. Batabor, Charles Spencer R. Luzon, Blythea Ysabelle B. Joquiño, Mia Joy A. Inocencio, Carlos F. Gaygay Jr., and Jed A. Tomarong
 Notre Dame of Marbel University – Integrated Basic Education
 Department Senior High School

AN INSTRUCTION AUGMENTING FOR THE DEPARTMENT OF TEACHER EDUCATION FACULTY INVOLVING THE APPLICATION OF THE CVSU-CCAT ACCESSIBLE ROR GENERATOR EXCEL SHEET (CARES): AN ACTION RESEARCH

Mar Jay Dela Cruz, John Christian Rio Almonte, and Kenneth J. Enrico
 Cavite State University - CCAT

Day 1

May 24, 2023

Session 2

3:00 PM - 5:00 PM

SESSION 2C: SOCIAL SCIENCES AND HUMANITIES**MODERATOR: Mr. JANICE MARAMARA CORTEZ**

Social Sciences and Humanities Department

"I WAS LOOKING FOR GOD, I FOUND MYSELF": FACTORS CONTRIBUTING TO ATHEISM, AGNOSTICISM, AND NON-BELIEF TO RELIGION YEAR 2022-2023

Khaye E. Rimando, Jasmine Fiona J. Sanchez, Neil Celestino M. Ochoa, Ryan D. Villanueva, Lady Ann D. Uriarte, Zandy Elaiza E. Martinez, Khaye E. Rimando, and Russel N. Wilson
Lyceum of Alabang

THE IMPACT OF POLITICAL SATIRE ON THE LEVEL OF POLITICAL DISCOURSE AND CIVIC ENGAGEMENT AMONG SELECTED YOUTH LEADERS IN THE PROVINCE OF CAVITE

Joana Marie O. Alegado and Hannah Kayla C. Peñaranda
Cavite State University - Main Campus

SENIOR HIGH SCHOOL TEACHERS' LEVELS OF AGREEMENT ON CROSS-DRESSING AT SAMUEL CHRISTIAN COLLEGE

Genesis Kyla B. Camia, Ionah F. Pomasin, Racquel S. Guinto, Nicole S. Navarro, Mark Francis O. Nejas, and Trev G. Viray
Unida Christian Colleges

**THE DEGREE OF EMOTIONAL MATURITY OF COLLEGE STUDENTS IN UNIDA CHRISTIAN COLLEGES
A.Y. 2022-2023**

Wael, Kyle Angelo A.
Unida Christian Colleges

Day 1

May 24, 2023

Session 2

3:00 PM - 5:00 PM

SESSION 2D: LANGUAGE AND COMMUNICATION STUDIES**MODERATOR: Dr. MARIA NORNELYN CACHUELA**

Communication and Journalism Department

FROM “WELCOME TO MY CHANNEL” TO “PLEASE LIKE, SHARE, & SUBSCRIBE”: A CONVERSATIONAL ANALYSIS OF THE OPENING AND CLOSING STRATEGIES OF FILIPINO YOUTUBE VLOGS

Joseph Ryann J. Jalagat

University of the Philippines Los Baños

**LANGUAGE NEGOTIATION IN THE MARKETPLACE:
LANGUAGE PREFERENCES AND INSTANCES OF
TRANSLANGUAGING IN COMMERCIAL SHOP SIGNS**

Dastin M. Tabajunda, LPT

De La Salle University

**COMMUNICATING RISK: DEVELOPING A DISASTER RISK
COMMUNICATION MODEL FOR SCHOOL-INITIATIVE
DISASTER RISK REDUCTION AND MANAGEMENT**

Dr. Maria Theresa D. Gochuico

De La Salle University-Dasmariñas

**NASA ISIP MO LANG ‘YAN: HERMENYUTIKA NA
PAGSUSURI NG MGA DEPIKSYON SA MGA PILING
PELIKULANG PILIPINO UKOL SA MENTAL ILLNESSES
AT DISORDERS**

Adeline Beatrice H. Borlaza and Rafaelito Antonio R. Ite

Philippine Science High School- CALABARZON Region Campus

Day 1

May 24, 2023

Session 2

3:00 PM - 5:00 PM

**SESSION 2E: GOVERNANCE, HUMAN RIGHTS,
AND PUBLIC POLICY****MODERATOR: Ms. MELINDA DEL MONTE**

Social Sciences and Humanities Department

**A STUDY ON THE MULTI-SECTORAL SUPPORT SYSTEM FOR
THE ABUSED WOMEN IN THE REGIONAL HAVEN: INPUT
FOR A PROPOSED NEED-BASED PLAN OF ACTION****Dr. Alicia Barte**

De La Salle Lipa

**POLITICAL ECONOMY PENDULUM OF INDO-PACIFIC
CHALLENGE AND SOUTH CHINA SEA (SCS) DISPUTE:
ASEAN SECURITY DYNAMICS AND ITS IMPLICATION
IN REGIONAL TRADE BATNA****Jumel G. Estrañero**Department of National Defense
De La Salle University-Dasmariñas**FACTORS AND STRATEGIES AFFECTING VOTING
BEHAVIOR OF REGISTERED VOTERS IN THE MUNICIPALITY
OF SILANG, CAVITE****Marc Darish P. Alcazar and John Mark Bayron and Shaine
Nicole Calapati**

Cavite State University-Main

**DEVELOPMENT OF HORIZONTAL INTER-GOVERNMENTAL
TRANSFER OF THE PHILIPPINES: FISCAL GAP APPROACH****Belinda P. Ato-Candelario and Moises Torrentira, Jr.**

Father Saturnino Urios University

Day 1

May 24, 2023

Session 2

3:00 PM - 5:00 PM

**SESSION 2F: BUSINESS MANAGEMENT, ECONOMICS,
TOURISM AND DEVELOPMENT STUDIES****MODERATOR: ELMA MALLORCA, CPA**

Accountancy Department

**REGRESSION ANALYSES OF MSME'S
CONTRIBUTION: EVIDENCES FROM PHILIPPINE
KEY INDUSTRIES**

**Monica A. Dela Cruz, Arlyn S. Feliciano, Irish Joy
L. Jocson, and Cyrene Joy P. Santillan**
Cavite State University - CCAT Campus

**THE SATISFACTION LEVEL OF BAGEL KINGS
WITHIN ANABU 1-F, IMUS CITY CAVITE**

**Irish Ashley A. Salvador, Catherine C. Abla,
Sandara M. Basadre, Irish A. Martinez, Shayme
Faith V. Sanico, and Paul Heaven I. Sumera**
Unida Christian Colleges

**NATIONAL POLICY PARADIGM: UNDERSTANDING
ECONOMIC CONTRIBUTIONS OF MSMES AMONG
PHILIPPINE REGIONS**

**Shane M. Dumagat, Roselle Q. Pamintuan, Francis
Jr. M. Tabor, Jerico B. Tadeo, and Xavier
Lawrence D. Mendoza**
Cavite State University - CCAT Campus

Day 1

May 24, 2023

Session 2

3:00 PM - 5:00 PM

**SESSION 2G: SCIENCE, TECHNOLOGY, ENGINEERING,
AND MATHEMATICS****MODERATOR: Dr. NELDA NACION**

Mathematics and Statistics Department

**ATTENDANCE VERIFICATION SYSTEM USING FRONTAL
FACIAL RECOGNITION WITH TEMPERATURE SCANNER****Luis Roberto P. Soliman, Johnmark T. Emocling,
and Aaron Vincent A. Posequit**

Western Mindanao State University

**POWER GENERATION IN PLANT-MICROBIAL FUEL CELL
ASSEMBLY WITH COPPER, MAGNESIUM, NICKEL, AND
ZINC ELECTRODES IN GROWING *Oryza sativa* (RICE)****Nathaniel T. Tan, Andree Lynn B. Defenio, Kristina
Clariz L. Lapada, Danesh Jemy Ann G. Sapero, Karl
Evan R. Pama, and Jed A. Tomarong, MAScEd**Notre Dame of Marbel University - Integrated Basic
Education Department**ACETONE AND CIGARETTE FILTERS AS AN
ALTERNATIVE PAPER GLUE****Carl Joseph N. Avec, Jaeme A. Fernandez,
and Robinne Isabelle A. Sierra**

Manuel A. Roxas High School

**NANO-SIZED COCONUT HUSK ASH AS AN
ALTERNATIVE MATERIAL IN IMPROVING THE
DURABILITY OF A CONCRETE****Miguel Alfred T. Burce, Antonio A. Montellano Jr.,
and Jearicko E. Permejo**

Manuel A. Roxas High School

Day 1

May 24, 2023

Session 2

3:00 PM - 5:00 PM

**SESSION 2H: SCIENCE, TECHNOLOGY, ENGINEERING,
AND MATHEMATICS****MODERATOR: Mr. JOHN MONTUYA**

Biological Sciences Department

**A HOME-BASED IOT FALL DETECTOR FOR ELDERLY USING
BLYNK APPLICATION****James D. Zagada, Chelsea Keith D. Arzaga, Kenjie Thomas V.
Tanagon, and Azenith R. Mojica**

De La Salle University-Dasmariñas

**STEM SENIOR HIGH SCHOOL LEARNERS' LEVEL OF PERCEIVED
ANXIETY AND COMPETENCE IN ANSWERING GENERAL
PHYSICS 1 WORKSHEETS****Christian Ace G. Bobis, Sofiya Anastasia R. Javier, and Bai
Courtney Love T. Akmad**Notre Dame of Marbel University - Integrated Basic Education
Department**POTENTIAL OF RHIZOCLONIUM HIEROGLYPHICUM SP. AND
RECYCLED PAPERS AS MATERIALS FOR HANDCRAFTED
PAPERMAKING****Chingskei B. Sison, Aubrey Joy Rodriguez, Luren Cruz, Princess
Keith Osuyos, Sam Symon Gonzales, Jetrick Dagpin, and
Dhenmark Datiles**

Unida Christian Colleges

**DEVELOPMENT OF ARDUINO-BASED PROJECTILE LAUNCHER
WITH AUTOMATIC VELOCITY AND ANGLE SENSOR****Rich Douglas R. Franco**Notre Dame of Marbel University - Integrated
Basic Education Department

Day 2

May 25, 2023

Session 3

1:00 PM - 3:00 PM

SESSION 3A: EDUCATION AND LEARNING**MODERATOR: Mr. ISMAEL LORENZO**

Senior High School Department

**BREAKING NORMS: THE ALTERNATIVE WAYS OF
GRADUATE SCHOOL STUDENTS IN CONDUCTING
QUALITATIVE RESEARCH****Joshmond Ivan Supapo^{1,2} and Dr. Constantino Ballena²**¹Far Eastern University-Cavite²De La Salle University- Dasmaringas**PAGMAMAPA NG MGA SAGISAG PAMPANITIKAN SA
LALAWIGAN NG CAVITE****Merinel B. Telesforo**DepEd General Vito Belarmino Integrated National High
School/ De La Salle University-Dasmaringas**TO CORRECT OR NOT TO CORRECT: GRAMMAR
SENSITIVITY IN SOCIAL MEDIA****Dina Barola, Russel Casiple, Ma. Ronalyne****Pakiding, Jerica Silva**

Rizal Technological University

**USING VIRTUAL SIMULATION AS AN ADDED METHOD
IN TEACHING (RLE) RELATED LEARNING EXPERIENCE
IN THE POST PANDEMIC SETTING****Ronnie M. Amazona and Julius B. Ballesteros**

De La Salle Lipa

Day 2

May 25, 2023

Session 3

1:00 PM - 3:00 PM

SESSION 3B: EDUCATION AND LEARNING**MODERATOR: Ms. KRISTINE BANGATE**

Senior High School Department

**STICK TO CLICK: CHALLENGES AND APPROACHES FROM
TRADITIONAL EDUCATION TO VIRTUAL EDUCATION****Rowelynne P. Magangat¹ and Dr. Mariano Thomas Ramirez²**¹GCF South Metro Christian School²De La Salle University- Dasmariñas**PARENT AWARENESS PROGRAM TO PREVENT ABUSE AMONG
CHILDREN WITH COGNITIVE IMPAIRMENT****Daisy Jane H. Nava**

De La Salle University- Dasmariñas

**DEVELOPMENT AND VALIDATION OF WHEEL OF OPERATION
TO PERFORM ORDERS OF OPERATION INVOLVING ADDITION
AND SUBTRACTION OF SMALL NUMBERS****Karen Joy Sandomia, Geraldine Panis, Rica Jane Sanopao, Fionah
Lawas, Rodulfo T. Aunzo, Jr., Jheanne T. Lubiano**

Visayas State University- Isabel

**THE IMPLEMENTATION OF SHORT EDUCATIONAL VIDEOS
ABOUT PHILIPPINE NATIONAL SYMBOLS TO GRADE 3
STUDENTS OF MUNTINLUPA ELEMENTARY SCHOOL
S.Y. 2022-2023****Ayesha Mae G. Monreal, Leyanne Jenna V. Caringal, Shania
Anne P. Ferrer, Charisse Leianne H. Manzano, Neil Celestino
M. Ochoa, John Carlvic M. Punzalan, Claire Joy G. Razo, and
Allyssa Britney P. Torres**

Lyceum of Alabang

Day 2

May 25, 2023

Session 3

1:00 PM - 3:00 PM

SESSION 3C: SOCIAL SCIENCES AND HUMANITIES**MODERATOR: Mr. DONN DAVID RAMOS**

Social Sciences and Humanities Department

VAXXED KA NA BA?: AN ANALYSIS OF THE DETERMINANTS OF THE THOMISTIC CONCEPT OF THE COMMON GOOD AFTER COVID-19 VACCINATION**John Alexander L. Fellizar**

University of Santo Tomas

A LOGISTIC REGRESSION ANALYSIS ON PREDICTORS OF POLITICAL PARTICIPATION AMONGST PHILIPPINE MAINLINE PROTESTANT CHURCH-MEMBERS IN ANTI-COASTAL RECLAMATION MOVEMENTS: THE CASE OF BACOLOD CITY, NEGROS OCCIDENTAL**Jericho A. Trio and Dr. Mary Barby Badayos-Jover**

University of the Philippines- Visayas

THE STUDY OF THE REIMPLEMENTATION OF THE DEATH PENALTY; GENERAL TOMAS MASCARDO NATIONAL HIGH SCHOOL'S TEACHERS' PERSPECTIVE**Christian Aranas Agustin, Ana Rose Oraye Bolo, Glory Jane Vender Cabalay, Lauren Joseph Castro De Guzman, Keith Justine Cho Dela Rosa, Del James Andaya Rante, Elha Mae Templado Rosello, Mark Angelo Madriaga Santos, B-Jhay Remonte Tulipas**
Unida Christian Colleges**FINANCIAL LITERACY, PRACTICES, AND PERSPECTIVES OF PUBLIC SECONDARY TEACHERS IN URBAN MUNICIPALITIES OF NUEVA VIZCAYA****Jayvee John Louie de Guzman and Dr. Claire Reginalde**

Nueva Vizcaya State University

Day 2

May 25, 2023

Session 3

1:00 PM - 3:00 PM

SESSION 3D: SOCIAL SCIENCES AND HUMANITIES

MODERATOR: Dr. MA. VIRGINIA AGUILAR

Social Sciences and Humanities Department

**THE BLAME GAME: SOCIAL MEDIA PLATFORM
PRACTICE AND PUBLIC ATTITUDES TOWARDS
ACCOUNTABILITY FOR USER-GENERATED CONTENT**

Mark Gabriel Wagan Aguilar

Emilio Aguinaldo College

**LIVED EXPERIENCES OF DANGEROUS DRUG USERS
IN THEIR SOCIAL CAPITAL: A NARRATIVE INQUIRY**

Jose Melarte G. Goco Jr.

Pamantasan ng Lungsod ng Muntinlupa

**STEM SENIOR HIGH SCHOOL LEARNERS' ATTITUDE
AND INTENTION TOWARDS MEDICAL RELATED
COURSES**

Fushan Marie S. Balgos; Jairus Patrick B. Antonio;

Chantelle Cloie C. Pecson; Gian Carl G. Porras

Notre Dame of Marbel University

Day 2

May 25, 2023

Session 3

1:00 PM - 3:00 PM

**SESSION 3E: BUSINESS MANAGEMENT, ECONOMICS,
TOURISM, AND DEVELOPMENT STUDIES****MODERATOR: Mr. EPITACIO B. MENDIOLA**

Business Management Department

**LEVEL OF SATISFACTION OF CUSTOMERS AT GREENGATE HOMES
IN PEACH MANGO BUCHI**

**Fielma Mae T. Donadillo, Joanna Marie M. Bernal, Tonirose L. Dorado,
Lord Anakin D. Gatbonton, and Jennifer T. Hipona**
Unida Christian Colleges

**PERSPECTIVES AND PREFERENCES OF PATIENTS LIVING IN METRO
MANILA, PHILIPPINES: AN EVALUATION OF TELEPHARMACY AS
AN ALTERNATIVE TO IN-PERSON SERVICES DURING
THE COVID-19 PANDEMIC**

**Michaela Gail R. Castellano, Andrea Mari G. Canlas, Ma. Angela
Katrece Casas, William Joseph Celestino, Francheska D. Cinco,
Nicole Angela B. Closa, and Dr. Ma. Cristina C. Doria**
University of Santo Tomas

**DEVELOPMENT OF INSTRUCTION - AUGMENTING PROJECT FOR
FACULTY MEMBERS OF THE DEPARTMENT OF MANAGEMENT
STUDIES: AN ACTION RESEARCH**

**Sunny May S. Ronas, Crugie Boy A. Vitobina, Bhrendelyn B.
Navales, and Kirk T. Dela Rea**
Cavite State University - CCAT Campus

**TULUYANG BAHAGINAN: A COMMUNITY ENGAGEMENT PROJECT
ASSESSMENT AS BASIS FOR CONTINUOUS IMPROVEMENT**

Dr. Maria Delia Miraña Poot
De La Salle Lipa

Day 2

May 25, 2023

Session 3

1:00 PM - 3:00 PM

**SESSION 3F: BUSINESS MANAGEMENT, ECONOMICS,
TOURISM, AND DEVELOPMENT STUDIES****MODERATOR: Ms. EDEN CABRERA**

Accountancy Department

**PAGSUSURI SA BAGONG LINANG NA PRODUKTO:
KALABASA BIKO FRUIT SALAD**

**John Mar D. Cruz, Felizardo Jr. A. Molina, Anthony Santos,
Steven Lan Jiro C. Denda, Bryan Jorge M. Rosales, Felizardo
Jr. A. Molina, Anthony L. Cabug-os, Germil C. Ysulan, John
Mar D. Cruz, Harold O. Fermin, and Alvin J. Vales**

International School for Hotel and Restaurant Management
(ISHRM) School System

**PERMA: AN ASSESSMENT OF THE WELL-BEING OF
EMPLOYEES IN SELECTED ACCOUNTING FIRMS**

**Trisha O. Bolo, John Christian Espinola, Jhulianne G. Indino,
Ma. Nicole Angela A. Soriano, Bradley Harvey A. Palmes,
Louise Francine C. Cataquiz, John Vincent M. Cervantes, and
Charina C. Gabas**

Lyceum of the Philippines University

**LEVEL OF ACCEPTABILITY OF TAHO-FLAVORED ICE CREAM
TO THE RESIDENTS OF BUCANDALA III, IMUS CAVITE**

**Babylyn S. Carable, Angelika C. Cerrado, Russel C. Janohan,
Renzer Christian M. Marasigan, Danicah L. Temporal,
Hannah Nicole G. Valencia, Irish Nicole G. Zulueta**

Unida Christian Colleges

Day 2

May 25, 2023

Session 3

1:00 PM - 3:00 PM

**SESSION 3G: SCIENCE, TECHNOLOGY, ENGINEERING,
AND MATHEMATICS****MODERATOR: Ms. GERALDINE ZAMORA**

Physical Sciences Department

**SPEEDMO: VEHICLE MONITORING SYSTEM USING DEEP
LEARNING AND STEREO VISION**

**Justin James Juaton, Mile Vincent Mariga, Alexa Andrea
Clondrina, Clintdel Son Sumosao**
Western Mindanao State University

**IN-SILICO LIGAND SCREENING AGAINST AFRICAN SWINE
FEVER VIRUS pS273R (SUMO-1-LIKE PROTEASE) AND p12
(VIRAL ATTACHMENT PROTEIN)**

**Francine Chalcy A. Canlas, Adrian Axl Merc G. Aglibot, Blythea
Ysabelle B. Joquiño, Dion Benedict L. Romualdez, Karl Evan R.
Pama, Joshua Troy F. Langub**
Notre Dame of Marbel University - Integrated
Basic Education Department

**ANTIBACTERIAL ACTIVITY OF ACACIA (*Samanea saman*) BARK
EXTRACT AGAINST *Escherichia coli***

**Catherine Guillermo, Verna Llamas , Arnellie Manuel, Monica
Rivera, Joshua Dacayo, Sandy Viluan**
Eduardo L. Joson Memorial College

***Cocos nucifera* (TACUNAN COCONUT) HUSK BIOCHAR:
EFFECTS ON GROWTH OF *Vigna radiata* (MUNG BEANS) AND
EUTROPHICATION OF SURFACE RUNOFF**

**Christian Ace G. Bobis, Mechaela C. Castaneda, Qlynt Whyb A.
Perono, and Mariz Joy D. Serilo**
Notre Dame of Marbel University - Integrated
Basic Education Department

Day 2

May 25, 2023

Sessions 3 & 4

1:00 PM - 4:00 PM

SESSION 3H AND 4H: DLSU-D SENIOR HIGH SCHOOL SPECIAL SESSION**MODERATOR: Ms. CHARINA ARANDEZ**

Senior High School Department

FEASIBILITY STUDY OF USING COFFEA LIBERICA (BARAKO COFFEE) GROUND EXTRACT AS AN ANTIBACTERIAL INGREDIENT IN FORMULATING AN ACCESSIBLE ALCOHOL-FREE HAND SANITIZER AND ITS ACCEPTABILITY TOWARDS DE LA SALLE UNIVERSITY – DASMARIÑAS SENIOR HIGH SCHOOL STUDENTS

Tiffany Geluz, Keziah Ashley Leonoras, Rizz John Paul Gopez, Elyza Midem, Kyle Desmond Co, Mattheo Gabriel Neala, Naevien Riley Valenzuela, Ma. Franchesca Demetillo

COBUILD-19: AN INNOVATIVE HEALTHCARE WASTE SOLUTION

Nicole Ortega, Jairus Marie Garcia, Lia Alexandria Landicho, Elisha Anne Bulante, Jose Miguel Octavo, Tyrone Winter Tolentino, Lexinne Angela Villanueva

SAMPAGUITA WITH CALAMANSI-PEEL OIL-INFUSED SCENTED CANDLE AS MOSQUITO REPELLENT

Jasmine Contreras, Wilf Yhancie Abobo, Sean Kaeda Ciolo, Rhaelle Yna Harlea, Andrei Metante, Jermaine Quarto

PASPALUM NOTALUM AS AN ALTERNATIVE AS AN ALTERNATIVE FAST FOOD MEAL PACKAGING MATERIAL

Jonelle John Vergel, Arshly Arboleda, John Solomon Baja, Paul Magararu, Jihan Marquez, Wency Zhang

UTILIZATION OF MUSA ACUMINATA X BALBISIANA (SABA) PEELS AS AN ALTERNATIVE MATERIAL IN PAPER PLATE PRODUCTION

Andrea Lumugdang, Chelsea Louise Antolin, Fionna Bambalano, Joseph Uriel Martin, Gian Rhyle Sarile, Saira Vanessa Varon

Day 2

May 25, 2023

Session 4

3:00 PM - 5:00 PM

SESSION 4A: EDUCATION AND LEARNING**MODERATOR: Ms. MAHA DILANGALEN**

Senior High School Department

**DEVELOPMENT AND UTILIZATION OF CVSU-CCAT
ACCESSIBLE REPORT OF RATING (ROR) GENERATOR
EXCEL SHEET (CARES): AN INSTRUCTION AUGMENTING
ACTION RESEARCH PROJECT FOR THE FACULTY OF THE
DEPARTMENT OF ENGINEERING**

**Joel C. Gammayao, Diane P. Arayata, Kenneth J. Enrico,
and John Christian Rio S. Almonte**
Cavite State University - CCAT Campus

**STEM SENIOR HIGH SCHOOL LEARNERS' LEVEL
OF MOTIVATION AND LEVEL OF ENCOUNTERED
CHALLENGES IN GENERAL BIOLOGY 1**

**Andree Lynn B. Defenio, Nathaniel T. Tan, Andree Lynn B.
Defenio, Jed A. Tomarong, Carlos F. Gaygay Jr., Mia Joy
A. Inocencio, and Danesh Jemy Ann G. Sapero**
Notre Dame of Marbel University - Integrated
Basic Education Department

**DEVELOPMENT AND VALIDATION OF AQUA VERB TO
USE THE THREE SIMPLE VERB TENSES IN A SENTENCE**

**Rosemarie Grace E. Sereño, Sarah L. Corpus,
and Abrianne Samson**
Visayas State University

**DALAWANG DEKADANG PANULAT: PAGSUSURI NG
SAMPUNG KUWENTONG PAMBATA NI DR. LUIS P.
GATMAITAN (2000-2019)**

Anna Lyn A. Lara
Elizabeth Seton School - Cavite Campus
De La Salle University - Dasmariñas

Day 2

May 25, 2023

Session 4

3:00 PM - 5:00 PM

SESSION 4B: EDUCATION AND LEARNING**MODERATOR: Ms. CHARITY JOY JOSUE**

Senior High School Department

**DEVELOPMENT OF CONTEXTUALIZED LEARNING KIT IN
ADVANCED ALGEBRA****Jasper E. Dublin, Arsheema M. Musa, John Paulo Elvinia,
Jaymar J. Hassan, Reanilyn G. Layno**

Zamboanga Peninsula Polytechnic State University

**INVESTIGATION OF JUNIOR HIGH SCHOOL
TEACHERS' PERCEPTIONS AND EXPERIENCES IN THEIR
IMPLEMENTATION OF THE SPIRAL PROGRESSION
APPROACH IN THE K TO 12 SCIENCE CURRICULUM****Jed A. Tomarong, MAsEd and Dr. Monell John
F. Cañizares**Notre Dame of Marbel University - Integrated
Basic Education Department**HALL OF LEARNING: THE EFFICIENCY OF GALLERY WALK
TECHNIQUE IN TEACHING PREPOSITIONS TO THE GRADE
4 STUDENTS OF BAYANAN ELEMENTARY SCHOOL UNIT 1
SCHOOL YEAR 2022-2023****Shannon Cariella B. Honrales, Roel Angelo C. Argana,
Ma. Kathreen Joyce A. Matala, Mea Nicole O. Osias, Mark
Jazzey D. Reyes, Reisean Mae V. Valenzuela, Athena
Venice A. Yen, and Neil Celestino M. Ochoa**

Lyceum of Alabang, Inc.

**WHEN A MENTOR MEETS A MENTEE: ONLINE THESIS
AND DISSERTATION MENTORING****Jerine Aina Lugami¹ and Constantino T. Ballena²**¹Halayhay Elementary School-Tanza²De La Salle University - Dasmariñas

Day 2

May 25, 2023

Session 4

3:00 PM - 5:00 PM

SESSION 4C: SOCIAL SCIENCES AND HUMANITIES**MODERATOR: Mr. ROLAND LORENZO RUBEN**

Social Sciences and Humanities Department

**THE PIVOTAL ROLE OF FAMILY HISTORY IN WRITING
LOCAL HISTORY: THE CASE OF THE BARZAGAS IN
DASMARIÑAS CITY, CAVITE****Elieser De La Rosa Nicolas and Dr. Jesus Medina**
National University-MOA**THE LEVEL OF GULLIBILITY OF SELECTED SENIOR HIGH
SCHOOL STUDENTS AT UNIDA CHRISTIAN COLLEGES
IN USING TIKTOK AS A SOURCE OF EDUCATIONAL
INFORMATION****Eissen Firbby D. Laroya**
Unida Christian Colleges**THE PERCEIVED LEVEL OF OPENNESS OF GRADE 10
JUNIOR HIGH SCHOOL STUDENTS OF IMUS NATIONAL
HIGH SCHOOL TOWARDS LESBIAN AND GAY STUDENT
CROSS-DRESSERS IN A.Y. 2022-2023****Goldwin Geoff L. Castillo**
Unida Christian Colleges**LEVEL OF PERCEPTION OF SENIOR HIGH SCHOOL
STUDENTS ON THE INCLUSION OF BAYBAYIN AS A
NATIONAL WRITING SYSTEM AT UNIDA CHRISTIAN
COLLEGES DURING THE ACADEMIC YEAR 2022-2023****Erica P. Cortes, Lhoraine Erica Moreno, Jhonwilliam
Masuhay, Stephen John Noces, and Crooley Paras**
Unida Christian Colleges

Day 2

May 25, 2023

Session 4

3:00 PM - 5:00 PM

SESSION 4D: SOCIAL SCIENCES AND HUMANITIES**MODERATOR: Ms. RHUDA MUJAL**

Social Sciences and Humanities Department

FACTORS AFFECTING THE MEDICATION ADHERENCE OF HYPERTENSIVE SENIOR CITIZEN OUTPATIENTS TAKING MAINTENANCE DRUGS IN JOSE B. LINGAD MEMORIAL GENERAL HOSPITAL, SAN FERNANDO, PAMPANGA

Joseph Andrei A. Aviles; Andre Angelo M. Ayson; Nicole Kyle J. Babasoro; Beatrice Andrea G. Balbin; Hannah Joy T. Barr; Niobe Cezanne D. Binalay; Clamence Gail E. Cabral
University of Santo Tomas

LEVEL OF UNDERSTANDING IN TRAIN LAW OF SENIOR HIGH SCHOOL STUDENTS IN UNIDA CHRISTIAN COLLEGES FOR ACADEMIC YEAR 2022-2023

Elaine Ane S. De Castro
Unida Christian Colleges

SOCIAL AND EMOTIONAL LONELINESS: SELECTED FACTORS AFFECTING THE YOUNG ADULTS IN THE TEACHING PERSONNEL OF UNIDA CHRISTIAN COLLEGES A.Y. 2022-2023

Ma. Quincy Nicole M. Trinidad
Unida Christian Colleges

ATTITUDES OF COMMUNITY PHARMACISTS TOWARD DRUG DISPENSING IN THE CITY OF MANILA

Michael D. Ferrer, Angela Isabelle Ecube, Julianne Mari F. Casbadillo, Chrislyn Nicole S. Chumacera, Janet Lynn G. Dela Rosa, and Anne Bernadette DG. Fabian
University of Santo Tomas

Day 2

May 25, 2023

Session 4

3:00 PM - 5:00 PM

SESSION 4E: BUSINESS MANAGEMENT, ECONOMICS, TOURISM, AND DEVELOPMENT STUDIES**MODERATOR: Ms. MA. CHONA BAUTISTA**
Marketing Department**SEXUAL AND REPRODUCTIVE HEALTH-SEEKING BEHAVIOR OF DE LA SALLE UNIVERSITY- DASMARIÑAS COLLEGE STUDENTS**

Sammy Domingo, Patricia Denise Daguison Lapus, Maria Portia Olivia Enriquez Madrigal, Arvidas Jean Dela Peña Mesa, Hannah Mae Tubalinal
De La Salle University-Dasmarinas

AUDIT OF THE CREDIT AND COLLECTION OPERATION OF HIGHER EDUCATIONAL INSTITUTIONS (HEIS) PERFORMANCE TESTS ON PLANNING, ORGANIZATION AND STAFFING, LEADERSHIP AND COORDINATION: BASIS FOR CONTINUOUS IMPROVEMENT

Dr. Maria Delia Miraña Poot
De La Salle Lipa

KNOWLEDGE, ATTITUDE AND PRACTICES TOWARDS HEALTH INSURANCE: PROTECTING EDUCATORS FOR A BETTER NORMAL

Dr. Clarizza L. De Leon
Nueva Ecija University of Science and Technology

IMPACT OF BRAND ACTIVISM ON FACEBOOK ON BRAND IMAGE AND PURCHASE INTENT: THE CASE OF C2 GREEN TEA AND LUCKY ME! INSTANT PANCIT CANTON

John Alexander L. Fellizar
University of Santo Tomas

Day 2

May 25, 2023

Session 4

3:00 PM - 5:00 PM

**SESSION 4F: BUSINESS MANAGEMENT, ECONOMICS,
TOURISM, AND DEVELOPMENT STUDIES****MODERATOR: Ms. EVANGELINE REYES**

Marketing Department

**LEVEL OF SATISFACTION OF SENIOR HIGH SCHOOL
STUDENTS TOWARDS FLAVORED CHEWRISHED****Maisie Janelle Malana, Isaiah Thomas N. Castro,
Narissa Maycaella V. Villeza, Angel M. Panes, and
Maxinne Angelique Alamodin**

Unida Christian Colleges

**PERCEIVED IMPACT OF MODERN-DAY INFLATION
ON THE BUDGET CONSUMPTION AND DECISIONS
OF SENIOR HIGH SCHOOL LEARNERS****Robert Julius G. Lastimoso; Jasmine Kate S.
Hornada; Robert Julius G. Lastimoso; and Ayessa
Leigh B. Sedik**Notre Dame of Marbel University- Integrated
Basic Education Education**LEVEL OF CUSTOMER'S SATISFACTION TOWARDS
FLAVORED KANIBALL WITHIN ANABU 1-F****Christine Victoria R. Dela Cruz, Kisha Laurene G.
Cabales, Melanie P. Devilles, Marjorie T. Pitogo,
and John Michael E. Magbanua**

Unida Christian Colleges

Day 2

May 25, 2023

Session 4

3:00 PM - 5:00 PM

**SESSION 4G: SCIENCE, TECHNOLOGY, ENGINEERING,
AND MATHEMATICS**

MODERATOR: Ms. WYNNE ANGELYNNE CHUI
Information and Communications
Technology Office

**IMAGE-TO-SPEECH (IMEECH) APPLICATION FOR PEOPLE WITH
COMMUNICATION PROBLEMS FOR CREATIVE MINDS LEARNING
AND THERAPY CENTER**

**Prixther Jay S. Ilano, Ferdinand A. Gueverra, Jr., Justin Rey S. Gultiano,
and Azenith R. Mojica**
De La Salle University - Dasmariñas

**LAVATRONIX: A SOLAR-POWERED AUTOMATIC HAND WASHING FACILITY
AND FILTRATION SYSTEM**

**Shailia Reemah P. Batabor, Marjorie B. Jolero, Jonella A. Aquiliño, Shailia
Reemah P. Batabor, Andre B. Daquigan, Karl Evan R. Pama,
and Jed A. Tomarong**
Notre Dame of Marbel University – Integrated Basic Education Department
Senior High School

**CHARACTERIZATION AND OPTIMIZATION OF ZINC OXIDE DOPED WITH
POTASSIUM FERRICYANIDE FOR SONOPHOTOCATALYTIC DEGRADATION
OF EBT DYE ON SIMULATED WASTEWATER**

Christopher Parmis
De La Salle University-Dasmariñas
Technological University of the Philippines-Taguig

**IN-SILICO TRANSLATIONAL MODIFICATION, SUBCELLULAR LOCALIZATION
AND ANTIFUNGAL LIGAND DOCKING OF *Fusarium oxysporum* f. sp. *conglutinans*
Fo5176 (003899, 430433, 295307) INFECTION RELATED PROTEINS**

**Shaniah Rose S. Calogcog, Ryle Andrei S. Aguarilles, Aika Grace E. Magadia,
Ma. Sophia S. Suganob, Joshua Troy F. Langub, and Karl Evan E. Pama**
Notre Dame of Marbel University – Integrated Basic Education Department
Senior High School

Day 3

May 26, 2023

Session 5

8:00 AM - 10:00 PM

SESSION 5A: EDUCATION AND LEARNING**MODERATOR: Dr. MARIA THERESA GOCHUICO**

Lasallian Community Development Center

**MENTORING PRACTICES UTILIZING PPST AMONG
SUPERVISING INSTRUCTORS OF BUKIDNON
STATE UNIVERSITY****Desiree A. Barroso**

Bukidnon State University

**SOFT SKILLS NEEDED IN THE INDUSTRIES IN TVL TRACK:
BASIS FOR CONTEXTUALIZED PROGRAM****Maria Rochelle R. Sasuya**

De La Salle University- Dasmariñas

**STATE OF PLAY OF A UNIVERSITY'S QUALITY
ASSURANCE PROGRAMS: GAP ANALYSIS AND WAY
FORWARD****Dr. Lucila Calairo and Dr. Gil Ellema**

De La Salle University- Dasmariñas

**PAGTATAHIP-DUNONG BILANG KALULUWA NG
MUNGKAHING LIKHA, AWIT, AT MAKABAYANG
PEDAGOGIYA: ANG SITWASYON NG PAGTUTURO NG
ASIGNATURANG FILIPINO SA ANTAS NG SENIOR HIGH
SCHOOL SA ISANG LOKAL NA PAMANTASAN****Marnel B. Caga, MA, LPT**

University of Makati

Day 3

May 26, 2023

Session 5

8:00 AM - 10:00 PM

SESSION 5B: EDUCATION AND LEARNING**MODERATOR: Dr. JESUS MEDINA**

Social Sciences and Humanities Department

ETHICAL STANDARDS FOR RELIGIOUS DESTINATIONS**Dr. Venicris Alonzoana**

De La Salle University-Dasmariñas

**MGA KUWENTONG BUHAY NG MGA PILING
GURO NG PHILIPPINE SCIENCE HIGH SCHOOL -
CALABARZON REGION CAMPUS SA PANAHON
NG PANDEMYA****Yzarich Denise D. Galido and Marc Angelo B. Silo**Philippine Science High School- CALABARZON
Region Campus**CARING FOR WHAT MATTERS: DLSU-D COURSE
DESIGN FRAMEWORK FOR SY 2020-2021****Dr. Nelda Nacion**

De La Salle University-Dasmariñas

**LEVELS OF ENGLISH READING COMPREHENSION
AMONG SELECTED GRADE 10 STUDENTS FROM
POST-PANDEMIC AMONG SELECTED PUBLIC AND
PRIVATE SCHOOLS IN IMUS CITY, CAVITE
FOR THE A.Y. 2022-2023****Niña Juliana S. Samaniego**

Unida Christian Colleges

Day 3

May 26, 2023

Session 5

8:00 AM - 10:00 PM

SESSION 5C: EDUCATION AND LEARNING**MODERATOR: Dr. ESTEBAN SALIBAY, Jr.**

Religious Education Department

DEVELOPMENT AND VALIDATION OF COUNT ME BOTTLE TO VISUALIZE, REPRESENT, AND ORDER SETS FROM LEAST TO GREATEST AND VICE VERSA

Jessa Mae T. Rios, Dayci R. Delalamon, Mark B. Panis, Olsen Gerson E. Tabiolo, Rodulfo T. Aunzo, Jr., Jheanne T. Lubiano
Visayas State University Isabel

DETERMINING THE TEACHING STYLE PREFERENCE OF GRADE 12 STUDENTS IN UNIDA CHRISTIAN COLLEGES

Johann A. Saylon, Cyrille Bryce M. Dayrit, Real T. Comia, Amanda Therese N. Gregorio, Bea Cres A. Notorio, Aliah Kaye M. Pineda, Roxanne Diana P. Rualo
Unida Christian Colleges

DEVELOPMENT AND VALIDATION OF SUBTRACTION BOARD TO VISUALIZE, REPRESENT, AND SUBTRACT ONE-DIGIT NUMBER WITH MINUEND UP TO 18

Anna Marie C. Oliva, Yansie S. Ebonalo, Wency D. Gucela, Noel R. Resmeros, Rodulfo T. Aunzo, Jr., and Jheanne T. Lubiano
Visayas State University Isabel

USE OF PARAPHRASING TOOLS IN ENHANCING THE WRITING SKILLS OF THIRD YEAR ENGLISH MAJOR STUDENTS OF RIZAL TECHNOLOGICAL UNIVERSITY

Arriane Bianca S. Flores, April Joyce T. Andaya, and Maureen Veronica Manuel
Rizal Technological University

Day 3

May 26, 2023

Session 5

8:00 AM - 10:00 PM

**SESSION 5D: BEHAVIORAL HEALTH, PSYCHOLOGY,
AND MENTAL HEALTHCARE****MODERATOR: Ms. JANINE GALE IKAN**

Social Sciences and Humanities Department

**THE EFFECTIVENESS OF COUNSELLORS' PREPAREDNESS PROGRAM
FOR SUICIDE ATTEMPT CASES****Erlene C. Umali**

DLSUD-COE Graduate Studies

**BEHIND THE MASK: THE HUMOR STYLES AND PSYCHOLOGICAL
WELL-BEING OF STAND-UP COMEDIANS IN QUEZON CITY****Charlene C. Manayon, Edbert A. Deliezo, John Christian Espinola,
Holy R. Quilao, Clarence C. Dioquino, Demie Moore T. Cañaverall,
Joeybelle Alice D.L. Jumawa, Sherven Joseph T. Nicolas,
and Iris R. Millares**

Lyceum of the Philippines University

**FACTORS AFFECTING THE KNOWLEDGE, PRACTICE, AND CHOICE
OF OVER-THE-COUNTER (OTC) ANALGESICS IN SELF-MEDICATION
TREATMENT OF HEADACHE AMONG HEALTH-ALLIED AND
NON HEALTH-ALLIED STUDENTS FROM THE UNIVERSITY OF
SANTO TOMAS****John Matthew Lee, Daphne Denisse Nava, Sebastian Carl Garcia,
Erin Pearl Gortayo, Rochelle Ivy Huang, Sofia Clarisse Larrauri,
and John Theodore Monroy**

University of Santo Tomas

**PUT A FINGER DOWN IF YOU'RE DEPRESSED: ONLINE SELF-
DISCLOSURE AND THE LIVED EXPERIENCES OF FEMALE FILIPINO
ADULT CONTENT CREATORS ON MENTALLY ILL TIKTOK****Sophia Denise I. Del Rosario, Andrea Charisse Fatima B. Dey, Judiel
Cariz P. Espinola, Kirsten Lei P. Ventenilla; Chrizelle M. Villanueva**
De La Salle University - Integrated School, Manila Campus

Day 3

May 26, 2023

Session 5

8:00 AM - 10:00 PM

**SESSION 5E: GOVERNANCE, HUMAN RIGHTS,
AND PUBLIC POLICY****MODERATOR: Dr. PALMO IYA**

Social Sciences and Humanities Department

**WHOOOP-WHOOP: CYCLISTS' KNOWLEDGE AND
ASSESSMENT ON THE IMPLEMENTATION OF ROAD SAFETY****Tristan Sean Maranan, John Christian Espinola, Eli
Clifferson Gallardo, Shawn Gabriel Corpus, Allen Dustine
Virtucio, and Rachelle Faith Polo**

Lyceum of the Philippines University

**FOSTERING DECENCY IN A WORKPLACE: AN ASSESSMENT
OF WORK ETHICS AMONG CITY HALL EMPLOYEES****Sophia Linse T. Cabugatan, John Christian Espinola, Jade
Erielle B. Alon-Alon, Samantha Caryll E. Derama, Ejane M.
Huyo-a, Jerelou A. Soriano, and Kofi Mason T. Carandang**

Lyceum of the Philippines University

**KALIGTASAN 2050: EMERGING TRENDS AND FUTURES IN
MARINDUQUE SAFETY AND SECURITY SCENARIO****Portia R. Hermosa and Katrina E. De Mesa**

Marinduque State College

**NDMU-IBED SHS STUDENTS' NARRATIVES ON CANCEL
CULTURE IN POLITICS****Bai Courtney Love T. Akmad, Aika Grace E. Magadia, Ryle
Andrei S. Aguarilles, Nawwaf H. Ali, Riena Valerie G.
Alcantara, Mikaela Angela G. Angeles, Gian Carl G. Porras,
and Denzel Derrick F. Tirado**Notre Dame of Marbel University - Integrated
Basic Education Department

Day 3

May 26, 2023

Session 5

8:00 AM - 10:00 PM

SESSION 5F: BUSINESS MANAGEMENT, ECONOMICS, TOURISM, AND DEVELOPMENT STUDIES**MODERATOR: Ms. JEMILY PUCHERO**

National Service Training Program Department

RELATIONSHIP BETWEEN SATISFACTION LEVEL ON MESSYWRAP AND REPURCHASE DECISION AMONG UCC SENIOR HIGH SCHOOL STUDENTS

Ashley Ramos, Princess Aeyah M. Añora, Mary Joy P. Custodio, Alliana M. Gedaria, Jefferson M. Margallo, Atashia Shanna L. Mayuga, and Ashley Ramos
Unida Christian Colleges

UNESCO WORLD HERITAGE SITES AS SMART TOURISM DESTINATION

Jewel Mae Parasdas, Elenita Estacio, Andrea Marie Rebulado, and Paul Anthony Notorio
De La Salle University-Dasmariñas

FEASIBILITY STUDY ON CALIDAD FASHIONED JEWELRIES ON SELECTED RESIDENTS OF BUHAY NA TUBIG, IMUS CITY, CAVITE

Zach Rhina S. Schell; Misa N. Ohnishi; Amielyn Ramil; Ivanlloyd Fulache; and Abraham Mallapre
Unida Christian Colleges

SPATIAL ANALYSIS OF POVERTY INCIDENCE AND ROAD NETWORKS IN EASTERN VISAYAS REGION, PHILIPPINES

Nelda Atibagos Nacion¹ and Hernan Pantolla²

¹De La Salle University-Dasmariñas

²Kolehiyo ng Lungsod ng Dasmariñas

Day 3

May 26, 2023

Session 5

8:00 AM - 10:00 PM

**SESSION 5G: SCIENCE, TECHNOLOGY, ENGINEERING,
AND MATHEMATICS****MODERATOR: Ms. JANETTE BALA**

Biological Sciences Department

**EFFECTS OF ARGON GAS COLD PLASMA
TREATMENT ON THE SEED GERMINATION OF
GLYCINE MAX (SOYBEAN)****Xaviery Arvy R. Pilipil; Izrafil S. Aratuc; Lance Philip
B. Estilo; and Sofiya Anastasia R. Javier**Notre Dame of Marbel University - Integrated Basic
Education Department**USE OF VIRTUAL REALITY BOX IN SCIENCE
INFORMATION RETENTION AMONG SELECTED
GRADE 11 STEM STUDENTS IN UNIDA CHRISTIAN
COLLEGES****Ma. Alessandra Mae D. Castillo, Wendie Jane P.
Alano, Jazzendel T. Arquiza, Mara Alexis L. Caldo,
Edrian C. Genteliso, and John Kaiser A. Valdes**
Unida Christian Colleges***Carthamus tinctorius* (SAFFLOWER) AND *Hibiscus rosa-
sinensis* (GUMAMELA) FLAVONOID EXTRACTS AS
FOOD PRESERVATIVES****Stella Jasmine M. Laud, Bai Courtney Love T. Akmad,
Althea E. Suelan, and Giokxian Althea C. Yap**
Notre Dame of Marbel University - Integrated
Basic Education Department**DUCK EGG INCUBATOR AND INDICATOR SYSTEM
(DEI-IS) WITH IMAGE PROCESSING USING
RASPBERRY PI****Joshua John P. Andag and Jan Benedict Z. Francisco**
Western Mindanao State University

Day 3

May 26, 2023

Session 5

8:00 AM - 10:00 PM

SESSION 5H: LANGUAGE AND COMMUNICATION STUDIES**MODERATOR: Dr. JONATHAN GOCHUICO**

Languages and Literature Department

THE LINGUISTIC LANDSCAPE OF CHED CALABARZON CENTERS OF EXCELLENCE: A MICRO AND MACRO-LINGUISTIC ANALYSIS**Bernard S. Feranil**De La Salle University- Dasmariñas
Cavite State University**COMPARATIVE FRAMING ANALYSIS OF ONLINE ARTICLES ON RA 11479 (ANTI-TERRORISM ACT OF 2020) IN GMA NEWS AND ABS-CBN NEWS FROM JULY TO DECEMBER 2020****David Clemente Alcala**

University of the Philippines Los Baños

ANG ESTEREOTIPONG PAMANTAYAN AT MGA NAKAKUBLING POLITIKAL NA IDEOLOHIYA NI ROLAND BARTHES AT PROSPERO COVAR SA KASARIANG PAGGANAP AT KULTURAL NA PAMANTAYAN BILANG MITO NG GANDA SA MGA PILING ROM-COM NA PELIKULA**Cheene Mae Anne A. Cabuslay and Shon Lendl S. Raneses**

Philippine Science High School- CALABARZON Region Campus

UNDERSTANDING THE EXPERIENCES OF FILIPINO VALORANT PLAYERS THROUGH THE VIEW OF RELATIONAL DIALECTICS**Jaybelle Q. Mataro**

De La Salle University- Dasmariñas

Day 3**May 26, 2023****Session 5****8:00 AM - 10:00 PM****SESSION 5I: ENVIRONMENTAL AND NATURAL
RESOURCES MANAGEMENT****MODERATOR: Dr. AIRILL MERCURIO**

Biological Sciences Department

**SOCIAL IMPLICATIONS OF PLASTIC WASTE
POLLUTION MITIGATION INITIATIVES ON IMUS
RIVER: BASIS FOR POLICY FRAMEWORK**

**Ma. Virginia G. Aguilar, Eden C. Cabrera, Edwin F.
Lineses, Jacqueline L. Morta, Jose Aims R. Rocina**
De La Salle University-Dasmaringas

**ASSESSING SOLID WASTE MANAGEMENT
PROGRAM EFFICIENCY: A CASE STUDY OF
BARANGAY 76, CITY OF PASAY**

**Dr. Mario S. Torres, Marlon C. Pareja, Dr. Cristina
C. Salibay, and Josephine L. Cruz**
De La Salle University – Dasmaringas

**DIVERSITY ASSESSMENT, CONSERVATION STATUS,
AND HABITAT PREFERENCE OF GASTROPODA
SPECIES IN BUENAFLORES, SENATOR NINOY
AQUINO, SULTAN KUDARAT**

**Ma. Dafodill P. Lumogda, Andrea Joyce J. Alido,
Dawn Jhayrome B. Reovoca, Nathanael Philip C.
Torma, Mia Joy A. Inocencio, and John C. Tongco**
Notre Dame of Marbel University - Integrated Basic
Education Department

GUIDELINES for PRESENTERS

1. Must be present during the presentation.
2. Must log-in on time for the assigned cluster group of the parallel session.
3. Must be in at least semi-formal business attire during the presentation.
4. Must present live in case glitches are encountered during the presentation of their recorded video.
5. Observe the time-limit in presenting their papers (15 min).
6. Must be courteous in answering questions during the Q and A portion.
7. Must open their camera during live presentation, Q and A and awarding of certificate of recognition.



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