



# RESEARCH REPORT

Colegio de San Juan de Letran Calamba  
A.Y. 2014-2015



Research Department

# CONTENTS

---

## Preface

## School of Education, Arts, and Sciences

|               |    |
|---------------|----|
| Communication | 1  |
| Education     | 16 |
| Psychology    | 22 |

## School of Computer Studies and Technology

|                        |    |
|------------------------|----|
| Computer Science       | 37 |
| Information Technology | 40 |

## School of Business, Management, and Accountancy

|                                       |    |
|---------------------------------------|----|
| Human Resource Development Management | 48 |
| Marketing Management                  | 55 |
| Accountancy                           | 67 |

## School of Engineering

|                         |    |
|-------------------------|----|
| Computer Engineering    | 77 |
| Electronics Engineering | 78 |
| Electrical Engineering  | 83 |
| Industrial Engineering  | 86 |
| Mechanical Engineering  | 95 |

## School of Nursing

## School of Tourism and Hospitality Management

|                                 |     |
|---------------------------------|-----|
| Tourism Management              | 109 |
| Hotel and Restaurant Management | 120 |

## Index

## SCHOOL OF EDUCATION, ARTS, AND SCIENCES

### Communication

J. Cueto. "Stories Surfaced in Video Games as Communication Process." p.1

J. L. Murillo "A Conversation Analysis of Virtual Conversation Among Selected "League Of Legends" Players." p. 2

F. Coroza and M. P. Victoria "Enhancing the Emotional Well-Being of People with Physical Disabilities through Bo Sanchez's Inspirational Blogs." p. 2

J. A. Tancangco and R. Martinez Jr. "Anonymity in Social Media: The Case of the Letranite Confessions." p. 3

R. K. Manalo and F. L. D. Quezon "Preference and Perception of Calambeños on News Dissemination by the Philippine Press." p. 3

P. M. Berdos and J. C. Alvizo "Exploring the Religious Orientation: Its Impact on the Selected College Students' Aggressive Communication Tendencies." p. 4

E. K. Eusebio, H. D. Ica, and A. A. Torres "The Communication Media of Academic Heads in Colegio De San Juan De Letran Calamba." p. 5

R. P. Dela Vega, A. D. Cruz, and F. V. Parangan "Communication Flow Between Generations: Gen X And Gen Y in Barangay Bagong Silang, Mt. Makiling, Los Baños, Laguna." p. 5

P. A. Dungo, I. S. Natividad, and M. A. Nevalga "Self-Presentation of Selected Letran Calamba College Students on Twitter." p. 7

S. J. Cruzat, D. Prestoza, and N. Regalado "The Role of Communication Styles on Organizational Citizenship Behavior and Work Attitudes of Selected Millennial Teachers ." p. 7

M. L. Magnaye, J. Oliver, and R. B. Solacito "Employed Letran Calamba Graduate Attributes of AB Communication Alumni." p. 8

J. M. Lim, M. M. E. Basilio, and K. Sanada "The Communication Styles of Second Year AB Communication Students: Basis for Outcomes-Based Education Learning Activities." p. 9

D. A. Abad, C. D. Marcellana, and G. J. Reboton "The Pragmatics of Internet Meme for AB Communication Students of Colegio De San Juan De Letran Calamba." p. 9

C. J. Castillo, J. P. Manzano, and M. Vitoria "Analysis of Letranite's Code Honor

Print Advertisements." p. 10

L. Abuda, N. A. Gamilla, and S. F. Grospe "Sense of Community and Communication: A Case of the Communication Arts Society of Letran." p. 11

M. T. Bartolome, A. D. Ramirez, and R. Osis "The Evolution of Poverty Portrayals on Selected Rodolfo Vera Quizon (Rvq)-Produced Comedy Films." p. 11

C. A. Bañez, H. M. Mendiola, and H. Pedreso "Compliance of I Am Letran to Its Objectives and to the Mission and Vision of Letran Calamba." p. 12

J. Dela Cruz and M. E. Quisumbing "Women Now: Establishing the Image of Working Women Framed in the "Labels Against Women" Pantene Commercial." p. 12

J. A. Ayeras, M. Dioso, and J. M. Oruga "Communication Factors Affecting the Perceived Interdependence of Employees at Ex-Link Management and Marketing Services Corporation." p. 13

A. C. Azanza, K. J. Bitao, and A. M. Suyosa "Buko Pie: A Semiotic Analysis on its Signs and Meanings." p. 14

C. R. Yorong, M. C. Alipio, and Y. F. Manaig "Social Perception and Images on Letran Calamba of Selected Senior High School Students of Calamba City." p. 14

K. A. Esquibel, J. M. Lopez, and B. C. Parian "'Mother-Monster' Impact: Examining Influences of Lady Gaga's Song 'Born This Way'." p. 15

## **Education**

A. R. Alcasid, A. D. D. Mabutol, and E. Tarel "Development of Text-to-Speech (TTS) Voices for Teaching Philippine Literature to Grade 7 Students." p. 16

M. P. Capacete, A. Galang, and C. M. Nedamo "Vocabulary Development Strategies Used in CSJLC Grade 7 Classrooms: Basis for the Development of Philitabury, A Game for Vocabulary Development." p. 16

M. Cato and S. M. Labor "Etnomatematika nilang Batayan sa Pagbuo ng mga Gawain sa Pagtuturo at Pagkatuto para sa mga Mag-Aaral sa Ikapitong Baitang ng Castor Alviar Nat." p. 17

B. P. Balatayo, R. Condino, and J. M. Pañares "The Reading and Writing Challenges of Selected Grade 9 Students Of CSJLC: Basis for Enhancement Exercises on Paraphrasing and Summarizing" p. 18

R. Caranguian, E. M. J. Jumalon, R. Malihan, and K. B. Guerra "Academic Performance and the Independent Learning Strategies Used in the English Class as Perceived by the Grade 7 Students in CSJLC." p. 19

Y. Mizunuma "IM Yunic for SVA: A Learning Device for the Grammatical Proficiency of Grade 7 Students of Nicolas L. Galvez Memorial National High School." p. 20

R. Baloran, M. Saniana, and A. G. Vanguardia "The Efficacy of Performance Task Method on The Level Of Performance in Araling Panlipunan of the Grade 3 Pupils of Colegio De San Juan De Letran Calamba." p. 20

### **Psychology**

M. B. Abustan, K. Buenviaje, and I. C. Urrea "The Effects of the Physical Functioning of the Post-Stroke Patients on Their Relationship with Their Spouse in Biñan City, Laguna." p. 22

J Alinsunurin "Grit Level of Selected Shiftees and Non-Shiftees of Colegio de San Juan de Letran Calamba for A.Y. 2014 – 2015: A Predictive Analysis." p. 22

B. Balagtas, M. Hibek, and C. M. Juliano "Mga Tulak at Kabig: Mga Kwento ng Kababaihan ng Isang "Bahay-Aliwan"." p. 23

G. C. Alegre, D. D. De Guzman, R. Lauro, and E. Romero "Exploring Bullies' Construct Of Interpersonal Relationships." p. 24

L. D. De Mesa, S. Catapang, and M. A. Deña "Passion, Intimacy and Commitment in the Relationship of Homosexual Couple." p. 24

F. A. Fajardo, G. Legaspi, and F. G. Espenilla "The Emotional Distress of Children with Adulterous Parents." p. 25

D. C. Gecana, D. J. Awitan, and K. J. Manguiat "Self-Concept and Body Image of Grades Eight and Nine Students of Letran Calamba With Weight Concerns: A Basis for the Development Of Structured Learning Experience (SLE) Module." p. 26

J. C. Cabali, M. M. Gutierrez, M. Santos, and E. G. Teopengco "The Transition of LGBT Youth of UPLB Babaylan from Stigmatization 2o Acceptance." p. 26

J. M. Laude, D. Arambulo, and R. M. Hernandez "Construction of Comprehensive Examination for BS Psychology as Preparation Towards the Licensure Examination for Psychometricians: A Basis for Review." p. 27

A. S. Guzman and M. C. Mabolo "Factors That Lead to "Sexting" of The Selected Senior Students Of Los Baños Community National High School, A.Y. 2014-

2015." p. 28

T. V. Masongsong, A. Lopez, and C. Alvarez "The Relationship between Purpose in Life and Problem Gambling of Men And Women in Sto. Domingo, Silang, Cavite." p. 29

M. Obispo, C. J. Atienza, and J. C. De Leon "The Influence of Media Celebrities on the Selected Gay, Lesbian, and Bisexual at Looc, Calamba City." p. 29

K. L. Pampolina, Y. K. Laqui, and M. E. Ibañez "Adjustment Issues and Techniques Towards Filipino Culture of Foreign College Students of Colegio De San Juan De Letran Calamba." p. 30

R. Brosas, D. Corpin, and K. Ramones "Street Harassment: Its Implications on Undergraduate Women's Self-Esteem in Colegio de San Juan de Letran Calamba." p. 31

M. K. F. Rentero, M. L. Codera, and R. M. Likwong "Personal Construct on Virginity among 4th Year High School Students in Laguna College Of Business And Arts." p. 31

R. Rubiales, M. A. Herrera, and J. I. I. Romero "The Self-Esteem of the Juvenile Law Offenders in Calamba City as Inputs for the Development of an Intervention Program." p. 32

C. Capacete, E. Z. Muje, and M. C. Sabenicio "Ang Penomenolohiya ng Paglililok ng Mga Santero sa Paete, Laguna." p. 32

J. San Jose, A. Villafuerte, and R. Mariano "Altruistic Behavior of Social Workers in Muntinlupa City: A Proposed Activity-Based Module." p. 33

A. M. Bernardino, M. Bernardo, and J. P. Vasquez "The Effect of Chocolate and Music on the Memory Recall of the Grade Six Pupils of Tiyani Elementary School." p. 34

C. J. Villanueva, C Villanueva, and Z. A. Oca "Emotional Intelligence of Gifted Adolescents of the Nowich Brent Cedric School, Inc. In Quezon City, Manila" p. 35

J. A. Sanchez, J. Cardoza, and C. Sorisantos III "The Construct of Love of Sexually Abused Women at Home for Women And Children Calauan, Laguna." p. 36

## SCHOOL OF COMPUTER STUDIES AND TECHNOLOGY

### Computer Science

J. Allasas, K. J. P. De Leon, A. Hinagpis and M. Liquido "Chemistry's Elements of the Periodic Table Interactive Tutoring System Using Soundex Algorithm." p. 37

J. C. Dela Cueva, F. D. Calamlam, and D. K. Cortez, Macalino "Android Multimedia Cipher Using Hierarchical Clustering Algorithm." p. 37

J. G. Limlengco and J. C. Centeno "A Disaster Route Simulator for Letran Calamba Using A \* Algorithm For Android." p. 37

M. Publico, A. Wagan, and P. S. Marpa "Data Rescue Using Lz77 Algorithm." p. 38

K. H. Pujanes, J. P. Luis, and M. J. Quiap "Crow Sourcing for Crime Prevention Using Grover's Algorithm." P. 38

F. Tuzon, K. San Diego, and J. S. de Asis "I-Dial: Calamba Rescue Hotline Near You in Android Using Fortune's Algorithm." p. 39

### Information Technology

D. San Pascual, G. Salazar, and A. M. Belleza "Web-Based Document Tracking and Management System of the Department of Public Works and Highways (DPWH), Laguna II District Engineering Office, Los Baños, Laguna." p. 40

R. Balahadia, B. A. Barros, and S. Tan III "Department of Science and Technology (DOST) Attendance Monitoring and Tracking System with Task Accomplishment Reporting for Provincial Offices Employees Using Gps Technology." p. 40

M. Bonecillo, J. Dorado, and L. A. Mabalot "Equiport: An Online Equipment Requisition and Inventory System with Android App Support for the School Of Tourism and Hospitality Management." p. 41

E. J. Cagahastian, C. Capco, and F. Villapane "Anexsys: A Web-Based Test Generator and Item Analysis with Android Examination for Department of Education Laguna Chapter." p. 41

A. Bañares, J. Pantoja, and J. Cai "Flash Flood Early Warning System for Makiling Center for Mountain Ecosystems." p. 42

J. M. Manaig, J. M. Celestial, and M. E. Alar "Web-Based Worforce Career Management System of Ipeso Calamba, Laguna." p. 42

W. Gerona, A. J. Cruz, and C. L. Canillas "Provident Fund and Loaning System with SMS Notification for Calamba Water District." p. 43

J. A. Manabat, K. B. Paris, and K. Ramirez "FAMS: Web-Based Monitoring System With 2D Mapping for Calamba City Agricultural Services Department." p. 43

J. A. Gonzales, J. Llanderal, and J. L. Perez "Web-Based Document Management and Information Dissemination through Email and SMS Notification with Members Attendance Monitoring System for LCFEA." p. 44

R. S. G. Lopez, A. Rayco, and J. M. A. Roxas "Web Based Syllabi Management System of Colegio De San Juan De Letran Calamba." p. 44

H. Estimada, Jr., J. T. Cabral, and N. Pantilanan "My Reviewer: "An Android Application for Exam Reviewer". " p. 45

M. Teodosio, J. R. Ocumen, and M. Tolosa "Development of Trade & Industry – Calabarzon Portal for Business License Renewal and Registration." p. 45

L. I. A. Francia, M. J. Encenarez, M. E. Molina, "Mobile Reporting Application and Traffic Citation Ticket Notification for Public Order and Safety Office of Calamba City, Laguna." p. 46

J. C. Visaya, J. Del Mundo, M. D. Jaime and J. R. Delloso "ITraffic: Traffic System for Public Order and Safety of the City Of Calamba." p. 46

D. Platilla, H. Ito and P. J. Bonza "LAN-Based Expenditures Monitoring System of Municipality of Santa Cruz, Laguna." p. 47

## **SCHOOL OF BUSINESS, MANAGEMENT, AND ACCOUNTANCY**

### **Human Resource Development Management**

J. J. Benliro, J. De Asis, and O. L. Manzanero "The Relevance of Letran Calamba HRDM Academic Program to The Current Industry Manpower Needs." p. 48

J. A. Bernardo, A. Coloma, and K. Francisco "The Relationship of Wellness Status of Selected Employees and Work Satisfaction in Miyasaka Polymer Philippines, Inc.." p. 48

J. A. Dela Cruz, J. C. Carlos, and A. V. Manguiat "The Attrition and Employees Work Satisfaction of Company XYZ." p. 49

J. Lantacon, A. M. F. Bernardo, and G. Ramirez "Corporate Social Responsibility Involvement and Job Satisfaction of Selected Employees under Operations Group In SPI Global Parañaque." p. 49

V. P. Mercado, J. B. Montesines, and M. B. Velasco "Retirement Readiness and Organizational Commitment of Selected Employees of PCARRD Los Baños." p. 50

T. J. Supan, J. E. Cruzat, and J. Rubio "The Readiness and Acceptance of Selected Letran Calamba Colleague Faculty." p. 51

R. V. Dinulos II, J. A. Estera, and A. Gagaring "Perceived Level of Competencies of HRDM Students: Basis for A Pre-Employment Training Program." p. 51

K. Gerona, K. Lim, and G. Lopez "Leadership Behavior of Managers and Supervisors and Employee Job Performance of Itel Personnel Services Multi-Purpose Cooperative." p. 52

A. Parreño, H. M. Berbano, and N. Gundran "Managerial Competencies of ABC College's Academic Heads as Inputs for A Management Training Plan." p. 52

M. K. Ruliog, A. C. Serrano, and K. V. Tamis "Effectiveness of the OJT Activities as Perceived by the 4th Year HRDM Students." p. 53

D. J. Yonzon, N. L. Amarante, and M. A. Vila "Readiness of the Colegio's HRDM Students (Class of 2015) with Industry's Work Standards." p. 53

### **Marketing Management**

D. D. Amante, B. L. Caluag, and C. J. Cantalejo "Sushiwa." p. 55

J. Cubero, G. Comia, and V. A. Bayani "Chicksy Waffles." p. 55

R. J. Sandoval, J. R. Lara, and C. Calatin "Crispy Fishy." p. 56

J. M. Vinuya, F. D. Celis, and K. K. Salac "Taco Excelente." p. 56

Z. J. Legaspi and W. D. Tenepre "Noodle Burger with Mashed Potato Patties." p. 57

P. J. Bailon, D. Mediarito, and J. P. Panol "Nilupak Icecream." p. 58

J. Cabusora and A. J. Caton "Keriballs." p. 58

N. Caldo, M. A. Dacdac, and C. Fernandez "Vonati Mansi Cupcake." p. 59

R. Lawas, Jr., Q. J. Espiritu, and D. Malicdim "Dolce de Pot." p. 59

- S. M. Formaran, C. F. Bravo, and S. M. Barilo "Hot Spud." p. 60
- M. M. Angeles, J. M. Agdan, and K. M. Dasalla "VGLicious Pastries." p. 60
- R. Ieus, J. Marforie, and A. Salandanan "Sweet Potato Bits." p. 61
- S. L. Mendoza, A. Pradia, and M. Tolentino "Sawrap Tangladicious." p. 61
- M. E. Bajamundi, J. Vergara, and N. B. Arrofo "Favor Filled Buchi." p. 62
- P. M. Forcadela, C. N. J. Escobido, and R. C. Palos "Ramojos." p. 62
- J. Marcelo, M. L. Mabasa, and A. J. Macanan "Chocolate Cookie Tartlet." p. 63
- C. Onate, J. Sambilloza, and J. Y. Andaya "Patata Roll." p. 63
- R. A. Paredes, E. A. Ablao, and J. B. Laran "P.A.L. Delicacies." p. 64
- C. I. Angeles, J. Cantal, and M. Enriquez "Switch: Reversible Skirt." p. 64
- G. Manaig, M. R. Manalili, and E. J. Abordo "Empanaduck." p. 65
- E. W. Robel, M. J. G. Ramos, and M. Mercado "Pretzel Mo The!." p. 65

### **Accountancy**

- K. Isla, M. Villanueva, M. Alfaro and J. R. Agsalda "Truffer Bites." p. 67
- R. Santos, T. J. Menguito, and B. P. Lizaro "Pizzanada with Kasilyo." p. 67
- M. J. Alipio, H. G. Ambrosio, and R. A. Bernardez "Flan Turon." p. 68
- J. R. Garcia, R. A. Gaza, and C. Vargas "Cheezy Nuggets." p. 68
- J. A. Larino, M. Regalado, and G. Retusto "Pancake-Dipped Cookie." p. 69
- E. A. del Valle, D. C. Recto, and J. Sison "Chocolate-Coated Kamote Truffles." p. 69
- A. R. Viray, A. M. Dacasin, and A. Marcial "Kwekmai." p. 70
- C. Dela Guardia, R. Hoylar, and A. M. Rocho "Alchero Banana Muffin." p. 70
- C. S. Saito, N. Desuyo, and F. Formanes "Panzzarap." p. 71
- L. Maleon and J. Marasigan "Veggie Macaroon Surprise." p. 71

- A. R. Pallado, C. Gratela, and D. Pecho "Squared Pancake." p. 72
- J. R. Redondo, K. Mando, and H. M. Valencia "Chocojellicious." p. 72
- R. R. Regonia, R. A. Quejada, and M. A. Hernandez "Buchilicious." p. 73
- J. J. Roque, K. I. Loresca, and J. R. Zarraga "Lumpianudo." p. 73
- J. A. Adon, R. L. De Castro, W. P. Marquina, and A. M. Samar "Macaflan Pie." p. 74
- J. A. Mecija, J. G. B. Flores, and J. J. Taong "Banana-Coco Mandazi." p. 75
- R. A. Susmerano, K. A. Del Prado, and J. M. San Jose "Nachotatoes." p. 75

## **SCHOOL OF ENGINEERING**

### **Computer Engineering**

J. B. Alcantara, D. Cunanan, and K. L. De Leon "Smart Hydroponic Greenhouse Farming System Utilizing SMS Technology." p. 77

R. De Luna, B. Magda, and K. P. Montefalcon "Public Utility Bus (PUB) Security Monitoring System with Locator and Speed-Limit Tracker Via GPS Technology with SMS Notification." p. 77

### **Electronics Engineering**

C. C. Granada, K. A. Pastidio, and J. B. Saludo "Design of Wireless Network for Building Energy Monitoring in Colegio De San Juan De Letran Calamba." p. 78

B. R. Amante, I. L. Balota, and M. N. Ocampo "Signal Widening of Smart Communications Inc. in Barangay Palasan, Barangay San Juan and Barangay Sa Jose in Sta. Cruz, Laguna." p. 79

M. R. Magpatoc, J. L. Algabre, and E. L. Erlanda "Improvement of Energy Conservation System of Colegio de San Juan de Letran Calamba." p. 79

J. Alinsunurin, A. T. Parayno, and J. C. Vicente "Development of Fleet Monitoring and Security System for Public Utility Bus of Saint Rose Transit Inc. in Calamba City, Laguna." p. 79

D. Awitan, L. A. Alcala, and K. J. Macaraig "Design of Employee Monitoring System for Philippine Council for the Agriculture, Aquatic, and Natural Resources Research and Development (PCAARD) in Los Baños Laguna." p. 80

P. Eustaquio, J. M. Moog, and N. C. Samiano "Installation of a Flood Monitoring System in the Barangays of Palingon, Lingga, and Sampiruhan at Calamba City, Laguna." p. 81

Y. Dajes, and A. C. Murillo "Disaster Recovery Facility of ABS-CBN Broadcasting Corporation in Calamba City, Laguna." p. 81

K. C. Tan, J. Banasihan, and J. G. Montero "Improvement of Crime and Security Monitoring of Brgy. Lecheria, Calamba City, Laguna." p. 82

### **Electrical Engineering**

C. Salaysay, J. Marudo, and J. Guevarra "Improvement of the Off-Grid Power on Rayanton Farm in Baras, Rizal." p. 83

A. J. Penes, P. K. Gutierrez, and L. D. Rivera I "Improvement of SL Agritech Corporation Drying Machine Motor Control System." p. 83

A. A. Maguling, M. L. Manimtim, and A. K. Masilungan "Enhancement of Equipment of Acid Stirring Machine in the Nitrocellulose Division of TNC Chemicals Philippines Inc.." p. 84

J. R. Espanto, J. Sancal and B. J. Baylon "Development of Quezon Power Philippines Limited Company Switchyard Automated System." p. 84

J. K. Clemeno, M. A. Angeles, and T. Platon II "Improvement of Power Consumption Monitoring System of Union Galvasteel Corporation." p. 85

L. Balahadia, C. Bacal, and J. L. De Villa "Colegio de San Juan de Letran Calamba Main Electrical Distribution System Improvement." p. 85

### **Industrial Engineering**

S. G. Alojado, J. Mosqueda, and C. Sunga "Production and Marketing of Asphalt from Recycled Pet Bottles As Additive Material." p. 86

L. Barcala, A. Macanan, and R. Macauba "Production and Marketing of Tiles from Recycled High-Density Polyethylene (HDPE) Plastic and Scrap Rubber Tire." p. 86

M. L. Senica, A. K. Ibanez, and N. E. Pambuan "Production and Marketing of Odor Suppressant Charcoal from Carbonized Rice Hull." p. 87

M. Greganda, R. Mejia, and J. K. Roque "Production and Marketing of Fiber Paper Using Corn Husks." p. 87

C. E. Pinpin, M. Rodriguez, and D. V. Rosales "Production and Marketing of Paint Using Fly Ash." p. 88

S. A. Dolot, J. Guron, and K. C. Tiqui "Production and Marketing of Plastic Roofing Shingles Using Name of the Recycled Ceramics and Polyethylene Terephthalate." p. 89

J. Cariño, D. A. Ortiz, and K. San Sebastian "Production and Marketing of Fuel Briquettes from Waste Materials." p. 89

E. J. Oliveros, M. F. Esguerra, and G. L. Panisales "Production and Marketing of Facial Wash Made from Orange Peel and Ground Coffee." p. 90

S. Gonzales, L. M. Cantillan, and M. Moreno "Production and Marketing of Gel Air Freshener with Mosquito Repellant from Used Ground Coffee and Orange Peel." p. 90

A.J. De Guzman, J. Costa, and N. Lagrada "Production and Marketing of Rubber Shingles from Used Tires." p. 91

C. M. Caingay, J. E. Mercado, and N. I. Que "Production and Marketing of Floor Tiles Containing Carbon Black Extracted from Scrap Tires." p. 92

J. Z. Cansicio, E. E. Eremos, and P. S. Maming "Production and Marketing of Disposable Raincoat from Recycled Papers." p. 92

B. F. Atienza, N. Banasihan, and A. Ramos "Production and Marketing of Body Soap Using Banana Peel and Egg Shell as Additive." p. 93

H. Garcia and J. M. Polintan "Production and Marketing of Ceiling Insulation (3-Layer) from Aluminum Junks, Styrofoam and Pet Bottles." p. 93

M. S. Llarena, M. J. Calderon, and J. Solis "Production and Marketing of Hog Mash Grower from Water Hyacinth and Rice Bran." p. 94

### **Mechanical Engineering**

R. Badiana, F. J. Alvarez, E. Jimenez and D. A. Herradura "Design of Water Distribution System Using Naugong Spring as an Additional Water Source for Laguna Water District." p. 95

E. G. Del Mundo, J. Pangilinan, and F. L. Sarmiento "Design and Construction of Water Supply System at Brgy. Linga, Pila, Laguna." p. 95

I. Atinon, C. Orlanes, and J. E. Susano "Design of a Centralized Compressed Air System in Containeboard and Packaging Company Inc.." p. 96

N. K. Laqui, A. Sarmiento, and A. Sese "Improvement of Line Efficiency of Counter Gear Line at Asian Transmission Corporation." p. 96

M. C. Meer, C. Abrigo, and J. Vergara "Design of Compressed Air System FOPR Annex Building of Pilipinas Hino, Inc. at Canlubang, Calamba City Laguna." p. 97

K. F. Paner and S. Camacho "Improvement of Cutting Tools Utilization in Machine Shop of Ebara Benguet Incorporated at Canlubang, Laguna." p. 97

S. Lopez, Jr., P. Lastrado, and A. K. Paz "Design of Leveler Mechanism Used in the Color Coating Line at Union Galvasteel Corporation, Real, Calamba City." p. 98

D. Tangalin, A. N. Asin, C. Porral, and A. Corpuz "Improvement of Ventilation System in Noodle Processing Area of Monde Nissin Corporation." p. 98

M. J. Alviar, R. J. Mondez, and R. Villanueva "Design and Fabrication of Bent Pin Checker at Continental Temic Electronics Philippines Inc. at Lisp II Brgy. Lamesa, Calamba City, Laguna." p. 99

R. Sulit, R. J. Barot, and J. M. Mayuga "Proposed Design of Mechanized Grease Collector for the Grease Trap of Asian Transmission Corporation, CIP 1, Canlubang Calamba City." p. 99

C. Cinco, R. Alimagno, and M. Manarpaac "Design of Transport System of Milk from Container to the Chiller Tank in Real Fresh Dairy Farms Inc., Bay, Laguna." p. 100

H. A. B. Salazar, R. Sitjar, and N. J. Guia "Design-Improvement of Waste Water Treatment Plant for the Waste of Wyeth Philippines Inc., Canlubang Laguna." p. 100

J. A. Salvador, R. J. Braza, Z. V. J. Coronado, and R. B. Geca "Design of Centralized Air Conditioning System of the Blessed Jordan of Saxony Building at Colegio de San Juan de Letran Calamba." p. 100

R. J. Nagpala, R. P. Susano, and C. B. Olea "Design of Renewable Alternative Source of Power for Calamba Water District Pumping Station in Lakeview Heights Subdivision, Barangay La Mesa." p. 101

J. A. Molina, J. Melgar, and M. R. Pascual "Improvement of the Ventilation System in the Injection Area of Cronics Inc. at Sez-Cpip, Batino, Calamba City." p. 102

R. A. Bernardo, A. Omaña, and J. Resurreccion "Design of Oil Cooling System for Broaching Machine of Asian Transmission Corporation." p. 102

R. Gedoría, M. Revilloza, and Y. H. Yehia "Design and Installation of Float Switch System in the Reservoir of Bucal Pumping Station of Calamba Water District." p. 103

C. Camo, R. Espiritu, and K. Fernando "Design of Ventilation System Using Polyurethane as Insulation Materials at Union Galvasteel Corporation at Brgy. Real Calamba City." p. 103

G. Lizardo, J. K. Beato, and A. J. Vallez "Design-Improvement of Air-Conditioning System of Remec Broadband Wireless International Inc. at Canlubang, Calamba City, Laguna." p. 104

J. Molavin, J. L. Barrinuevo, and R. W. Dayrit "Design of Bearing for Deflector Roller of Union Galvasteel Corporation at Real, Calamba City." p. 104

## **SCHOOL OF NURSING**

M. C. Agtarap, M. E. Aguila, and M. D. Andres "Therapeutic Role of Psychiatric Nurses in Caring for Schizophrenic Clients." p. 105

J. Arzadon, P. L. Deang and M. Escalante "Phenomenology of Fathers with Special Child." p. 105

K. C. Hipolito, G. Kaur, and H. C. Maguyon "Value Assessment of Letranite Nurses in Selected Hospitals in Laguna." p. 106

J. S. Maguyon, D. D. Mercado, and M. A. G. Ramos "Compliance on Infection Control Among Nursing Students in Various Colleges in Calamba, City." p. 106

J. Roque, E. A. Silang, and M. Tan "Nursing Career Decision of Selected Letranite Level – III Students: A Phenomenological Study." p. 107

## **SCHOOL OF TOURISM AND HOTEL AND RESTAURANT MANAGEMENT**

### **Tourism Management**

C. Fallega, A. Tatlonghari, and S. Caro "Acuatico Beach Resort as Leisure Tourist Destination." p. 109

C. Lantaca, S. G. Sobrevaga, and S. Tañedo "Seasonality at Acuaverde Beach Resort." p. 109

M. K. Montenegro, M. K. Dimla, M. S. San Jose and M. C. Santos "Lagos Del Sol Mountain Lake Resort: The Development of a Sustainable Marketing

Strategies." p. 110

Y. L. Namit, E. Navarro, and J. K. Suazo "Splash Mountain: A Resort Hotel in Los Baños, Laguna." p. 110

K. B. Alcala and K. Baltazar "The Contribution of Mer-Nel's Chocolate Cake on Food Tourism In Los Baños, Laguna." p. 111

P. E. Pante, J. Orlina, J. De Lara and A. Sallao "Panguil River Eco-Park and its Quest for Sustainable Development." p. 111

A. M. Calayan, K. Livanos, and J. M. Salonga "An Analysis of Coco Beach Island Resort's Organizational Performance from the Lens of ISO 9001:2008 Eight Quality Management Principles." p. 112

S. General, C. Lim, and M. Manguiat "Identifying the Strengths and Weaknesses of Manila Zoological and Botanical Garden as a Tourist Destination." p. 112

L. Aquino, C. M. Ramos, and C. A. Celino "Nuvali Area: "A Tourist Destination" p. 113

C. Alinea, A. L. Arjona and C. N. Peñaloza "San Pablo City's Sampaloc Lake: To Ameliorate as an Ecotourism Destination." p. 114

D. Arzola, A. M. Herradura, and A. T. San Mateo "The Potential of Selected Beach Resorts in Sto. Niño, San Felipe, Zambales as Tourist Destinations." p. 115

M. L. Daquil, C. J. Canchella, and M. L. Torres "Caramoan Island, Camarines Sur: An Integrated Coastal Zone Management Perspective." p. 115

S. S. Nogus, L. M. Calicdan, and M. Parulan "Bohol's Heritage Churches: From Cultural Tourism to Dark Tourism." p. 116

J. V. Bolina, A. G. Aruejo, and M. F. Dela Rosa "The Potential of Sol Y Viento to be a DOT Accredited Recreational Tourist Destination." p. 116

K. Abinales, M. M. Agus, and E. M. J. Morillo "Rising for the Devastation: The Conservation Intervention of the Basilica Minore Del Santo Niño De Cebu." p. 117

A.R. Pineda, S. J. Popera, and P. A. Garcia "Bamboo Organ as a Tourist Attraction in Las Piñas." p. 117

C. Abrantes, J. Monatno, and R. Takahashi "Sustainability of Ninoy Aquino Parks and Wildlife Center as a Protected Area in Diliman, Quezon City." p. 118

## **Hotel and Restaurant Management**

R. Fontanilla, M. L. Natividad, and J. Tecson "Food and Safety Sanitation of Bon Appeatea in Laguna Central, Sta. Rosa City." p. 120

R. Pabon, V. K. Alvarado, and D. M. Carpena "Sojourn to the Sea: Assessment of Theme, Layout, and Design of Giligan's Island Bar and Restaurant in Alabang Town Center." p. 120

J. C. L. Garcellano, B. A. Layasan, and M. E. Jimena "Effectiveness of Promotional Tools of BP International – Makiling Los Baños, Laguna." p. 121

G. Valerozo, W. Ricafort, and K. Bacasmo "Quality Management of Kamayan Sa Palaisdaan Restaurant through Customer Satisfaction." p. 121

M. D. Dolot, J. J. Perino, and C. J. Lim "The Effects of Shortage of Coconut in the Inventory Management of Buko Pie Establishments in Los Baños, Laguna ." p. 122

D. Lim and R. M. Perez "Success Factors of a Small Town Restaurant: A Case of Arabela Camello's Bakehaus and Coffeeshop in Liliw, Laguna." p. 123

W. Eraldo, M. T. J. Eala and V. J. Timog "Green is In: A Comparative Study of Selected Vegetarian-Friendly Restaurant in Los Baños, Laguna Based on Their 7Ps." p. 123

P. G. Bolivar, J. Lopez, and M. Suelto "Filipinos' Patronage of Selected American-Themed Restaurants in Nuvali." p. 124

K. Nuela, K. R. Distor, and J. Gonzales "Comparative Study of the Sanitation Practices During Procurement of Crisostomo and Sumosam Restaurants in Nuvali, Sta. Rosa, Laguna." p. 125

E. Lusanea, G. F. Leron, and N. Salazar "Issues Encountered in Promotional Activities of Seda Nuvali Hotel: Basis for Enhancing Marketing Strategies." p. 126

J. Gunay, G. H. Pernecia, and A. J. Basallote "The Sanitation Practices of Adobo Connection Restaurant at SM City, Calamba." p. 126

K. R. Salac, M. L. Mejia, and J. M. Chua "Waste Management of Giligan's Island Restaurant in SM City Calamba." p. 127

J. de Guzman Jr., and K. Napiza "Level of Customer Satisfaction of Café Alberto On The Expanded P's (7P's)." p. 127

S. A. Montañano, P. Taguilaso, and C. D. Arboleda "Level of Compliance of

Agua Caliente Resort with Standard Requirement of Department Of Tourism." p. 128

A.M. Garcia, M. Junsay, and M. Molino "An Assessment on the Food Safety and Sanitation Practices of Sizzler's Cafe Horacio in Los Baños, Laguna." p. 129

A. S. Lontok, P. D. Quidem, and K. A. Domingo "The Extent of Practice in the Establishment Service Standards of Azzuro Bistro And Bar." p. 129

A. Bravo, M. G. A. Ley, and M. Naingue "Front Office Procedure of Microtel, Batangas: An Assessment." p. 130

J. A. David, M. B. Bustamante, and A. K. Garcia "Food Production Flow of Lutong Pilipino ni Aling Ely: Providing Quality Food." p. 130

Agua Caliente Resort with Standard Requirement of Department Of Tourism." p. 128

A.M. Garcia, M. Junsay, and M. Molino "An Assessment on the Food Safety and Sanitation Practices of Sizzler's Cafe Horacio in Los Baños, Laguna." p. 129

A. S. Lontok, P. D. Quidem, and K. A. Domingo "The Extent of Practice in the Establishment Service Standards of Azzuro Bistro And Bar." p. 129

A. Bravo, M. G. A. Ley, and M. Naingue "Front Office Procedure of Microtel, Batangas: An Assessment." p. 130

J. A. David, M. B. Bustamante, and A. K. Garcia "Food Production Flow of Lutong Pilipino ni Aling Ely: Providing Quality Food." p. 130

EDUC

## STORIES SUR GAMES AS CO PROCESS

Researcher: Jo  
Adviser: Prof. A  
Ph.D.

This st  
games as work  
as the travellers  
these worlds, te  
stories they l  
qualitative stud  
stories gathered  
storytellers, each  
and video gam  
gaming as a who  
Paradigm and Th  
the basic lenses,  
the mental mod  
world was estab  
gathered surface  
claims (contex  
relationship betwe  
immersion, and le  
were derived from  
how they explo  
through gaming. S  
from stories that  
stories. I am the  
study is my story.

The three  
Storyteller R, St  
Storyteller S were c  
with different for  
interacting, and imm  
R focused mainly on  
the protagonist, takin  
character as his own a  
world was seen throug

RESEARCH REPORT 20