# Colegio de San Juan de Aetran Calamba



Journal of Institutional Research and Development



Research and Knowledge Management Department



# Journal of Institutional Research and Development

#### Published by RESEARCH AND KNOWLEDGE MANAGEMENT DEPARTMENT Colegio de San Juan de Letran Calamba

Volume 9

Message

## **CROSS OVER**

It never dawned on me that research could be a form of **crossing over**. A passage from State A to State B. If that is so, then one must be willing to carry himself/herself from a place to another. The same may be said of our faculty members as they cross over from being plain classroom mentors to being researchers, leaving the comforts of their familiar walls to enter into a new world: that of research and its many possibilities—public presentation and publication included.

That exactly is the new thrust of our Journal of Institutional Research and Development (JIRD). **Cruzar!** Spanish word for cross-over, crossing over. The new name of JIRD.

I congratulate the Research Department (RD) for bringing the research works of our faculty members together in one publication: a clear product of **crossing over**, of getting out of the usual mold to discover something new.

May research be a continual act of crossing over for our faculty members, and eventually non-teaching personnel (**Subir** is a new journal publication meant for them).

Once in a while, when things get too technical, boring, and dull, I am suddenly inspired by the thought that this, too, shall pass, like a phase, like one brave act to let oneself be carried away by a stream of current so strong, one could not help but cross over. The act of doing research is like that. It is always a way of moving, gracefully, from one point to another. Like crossing over.

Sometimes unnoticed. Oftentimes real.

.

**PROF. ROBERTO DV. REVILLA, PHD** VP for Research and Development

	Editorial Board
Editor-in- Chief	<b>Prof. Bernardita C. Bautista</b> Faculty, School of Education, Arts, & Sciences
Production Assistant	<b>Ms. Magnolia R. Quiatchon</b> Research Officer, Institutional Research Unit Research & Knowledge Management Dept.
Editorial Adviser	<b>Prof. Roberto DV. Revilla, PhD.</b> Vice President Research and Development Division

## **TABLE OF CONTENTS**

RESEARCH STUDIES	
Assessing the Efficacy of a Computer Laboratory Manual: From the Standpoint of Students and Selected Faculty Members of BED-High School Letran Calamba, A.Y. 2014 – 2015 Lilibeth L. Calderon • Eric A. Ramilo	10
Assessment of the Writing Skills of Grade 10 Students Bernadeth N. Villegas	34
Health Status and Level of Participation in Health Programs of Administrators, Faculty, and Employees of Letran Calamba Dinah DG. Araneta • Analin P. Bacelonia	58
Improving Warehouse Management System of Company X <i>Gilda A. Aquino</i>	84
Inventoried Career Interests and Expressed Career Desires of the Junior High School Students of Colegio de San Juan de Letran Calamba <i>Monica V. Kawabata</i>	113
Letran's Nursing Students (LENS) Evaluation of the Clinical Area Dinah DG. Araneta • Jayson G. Celerio	141
Perceived Level of Attainment of Course Intended Learning Outcomes-Based on the Course Evaluation Administered by the School of Computer Studies and Technology <i>Rhoderick G. Carriaga</i> • Loriemel E. Ferrera	163
Pilot Testing of the Instructional Material in NSTP-LTS Alejandro D. Tatlonghari	217

### **RESEARCH STUDIES**

Re-Use of Treated Water from Sewage Treatment Plant of Colegio de San Juan de Letran Calamba <i>Ricardo M. Bobadilla • Edsel G. Anyayahan</i>	237
The Role of Parents in the Filipino Religious Socialization of Children in Colegio de San Juan de Letran Basic Education Angela S. Mariquit • Geraldine M. Mortel • Laurence Mcquarrie F. Marbella	252
Competency Assessment of the High School Robotics Subject as Inputs to Instructional Material Development of the Robotics Grade 10- Laboratory Manual <i>Monica V. Kawabata</i>	283
Dominican Philosophy of Education as Practiced in Colegio de San Juan de Letran Calamba: a Phenomenological Approach <i>Ria DG. Ladisla</i> • <i>Magnolia R. Quiatchon</i>	307
Graduate Student-Consultant's Evaluation of the Internship Program and the Industry Partner from a Constructivist Frame <i>Lalaine B. Ocampo</i>	371
Students' Perceptions of Playing Angry Birds in Learning Projectile Motion Lovella M. Molina • Clarina Fides O. De Peralta • Christine Flor E. Marvida	441
An Analysis of the Board Examination Performance of B.S. Accountancy, B.S. Mechanical Engineering, and B.S. Education Graduates of Colegio de San Juan de Letran Calamba from 2009 to 2013 Dr. Ricardo M. Bobadilla • Prof. Ellen C. Almoro • Prof. Bernardita C. Bautista	459

INSTRUCTIONAL MATERIALS	
A Laboratory Manual in Computer System Organization with Assembly Language <i>Ricrey E. Marquez</i>	514
Activity Manual For G8 Science Ellen H. Entac • Araceli M. Gecale	
High School Home Economics Food Laboratory Manual Rowena Fajardo • Ma. Christina Antopina • Resi Lou San Valentin	520
Linking Electronics to the 21 <sup>st</sup> Century Learners: A Worktext for Grade 9 Students Ma. Christina E. Antopina • Eric A. Ramilo • Lilibeth L. Calderon • Josephine Querimit • Rowena O. Fajardo	
Smart Connections Worktext in English Simplicio P. Alba • Tiffanny Gail L. Morales • Michael Anthony S. Polinag • Maria Victoria M. Torres • Bernadeth N. Villegas • Mary Jean C. Zulueta	



This journal is a publication of the Research and Knowledge Management Department. This contains pertinent research information on completed research studies under the Institutional Research Programs of the Department.

Largely, it serves as a means of sharing the results of research studies conducted by the members of the academic community of Colegio de San Juan de Letran Calamba.

This journal promotes research awareness and competence to faculty and non-faculty members of the Colegio. Further, it serves as a reference material for administrators, policy-makers, and others interested in research and development.

Colegio de San Juan de Letran Calamba



FOLLOW US ON

RDD1Arriba







COLEGIO DE SAN JUAN DE LETRAN CALAMBA |pii-lpii St., Bucal, Calamba City, Laguna 4027 www.letran-calamba.edu.ph (049) 545-5453 local 2097/5023 rdd@letran-calamba.edu.ph



