

# Journal of Sciences, Technology and Arts Research

Volume 2, August 2016, pp. 1-63

\*\*\*\*\*

## Contents

<b>Perceived Safety Culture of Healthcare Providers in Hospitals in the Philippines</b>	1-14
<i>Fritz Gerald V. Jabonete, College of Nursing, National University</i> <i>Leonora R. Concepcion, College of Nursing, National University</i>	
<b>The Mechanisms of Defenses: Mistresses in the Philippine Contemporary Narratives</b>	15-24
<i>Christopher Y. Wright, National University, Manila</i> <i>Jerome C. Hilario, Senior High School, Division of Antipolo City, DepEd</i>	
<b>Evaluation of Speech Emotion Recognition Based on Support Vector Machines with Mixture Model Super Vectors</b>	25-34
<i>Maria Art Antonette D. Clariño and Mark M. Alfonso</i> <i>Institute of Computer Science, University of the Philippines- Los Baños</i>	
<b>Using Differentiated Instruction in Improving the Academic Performance of Students in Filipino Language</b>	35-46
<i>Ma. Rita R. Aranda<sup>1</sup> and Joel L. Zamora<sup>2</sup></i> <i><sup>1</sup> National University, Manila; <sup>2</sup>Tibagan National High School, Makati</i>	
<b>Developing Speed, Flexibility and Endurance of People with Developmental Disabilities Using Zumba</b>	47-52
<i>Paolo E. Hilapo<sup>1</sup>, Christian Vanessa B. Olea<sup>2</sup>, Alluidin B. Panara-ag<sup>3</sup>, Nomer A. Felismino<sup>4</sup></i> <i>Alexander Justine Valera<sup>5</sup>, Ricardo R. Villas Jr. <sup>6</sup></i> <i><sup>1-5</sup> BPE Sports and Wellness Management, College of Education, Arts and Sciences, National University</i> <i><sup>6</sup>College of Education, Arts and Sciences, National University</i>	
<b>Current Principles and Concepts in the Teaching of Macroskills</b>	53-63
<i>Jessie S. Barrot, National University, Manila, Philippines</i>	

**Journal of Sciences, Technology and Arts Research** is a peer reviewed journal published annually by National University Research and Innovation Office. The aim of this journal is to provide a venue for researchers, both students and teachers, to share their views, empirical studies, theories, and brief research reports related to sciences, technology, and arts. Articles are published in English.

Philippe John F. Sipacio  
*Editor*

Ervin R. Samoza  
*Editorial Assistant*

**Editorial Advisers:**

Renato Carlos H. Ermita Jr., *Executive Vice President*  
Rachel Edita O. Roxas, *Vice President for Academic Affairs*  
Chona E. Ponce, *Dean, College of Architecture*  
Analie N. De Lemos, *Dean, College of Dentistry*  
Alexa Ray R Fernando, *Dean, College of Engineering*  
Leonora Concepcion, *Dean, College of Nursing*  
Imelda L. Ramos, *OIC, College of Pharmacy*  
Remedios C. Cruz, *Dean, College of Business and Accountancy*  
Rosauro E. Manuel, *Dean, College of Computer Studies*  
Joel M. Durban, *Dean, College of Education, Arts and Sciences*  
Rufino C. Oliva, *Dean, College of Hospitality Management*