EDITORIAL BOARD

Editor-in-Chief: Dr. Jake M. Laguador, Lyceum of the Philippines University, PHILIPPINES
Associate Editor: Dr. Norma L. Meñez, Lyceum of the Philippines University, PHILIPPINES
Managing Editor: Dr. Reynalda B. Garcia, Lyceum of the Philippines University, PHILIPPINES

International Advisory Board
Dr. Normah Binti Othman, College of Arts and Sciences, Universiti Utara, MALAYSIA
Dr. P. Malyadri, Government Degree College, Osmania University, INDIA
Dr. Princewill Ikechukwu Egwuasi, University of Uyo, Akwa Ibom State, NIGERIA

Peer Reviewers
Dr. Isidro L. Duran, Don Mariano Marcos Memorial State University, South La Union, PHILIPPINES
Dr. Ariel T. Gutierrez, Angeles University Foundation, PHILIPPINES
Dr. Jonathan R. Adanza, St. Dominic College of Asia, PHILIPPINES
Dr. Jose Aims R. Rocina, De la Salle University-Dasmarinas, PHILIPPINES
Dr. Anthony Ayodele Olaoye, Nigerian Turkish Nile University Abuja, NIGERIA
Dr. Yekleen Bello, University of Ilorin, NIGERIA
Dr. Michael Olanrewaju Ogundele, University of Jos, NIGERIA
Dr. Flora V. Javier, Lyceum of the Philippines University, Laguna, PHILIPPINES
Dr. Hansong Deng, Buck Institute in Novato, CA, USA
Dr. Ramel D. Tomaquin, College of Arts & Sciences, Surigao Del Sur State University, PHILIPPINES
Dr. Thomas F. McLaughlin, Department of Special Education, Gonzaga University, Spokane, USA
Dr. Arezu Jahanshir, Department of Physics, Islamic Republic of Iran, IRAN
Dr. Jenifer Raymond R. Tallungan, Nueva Vizcaya State University- Bambang, PHILIPPINES
Dr. Magdalena M. Ocbian, Sorsogon State College, PHILIPPINES
Dr. Maria Luisa A. Valdez, Batangas State University ARASOF Nasugbu, Batangas, PHILIPPINES
Dr. Anania B. Aquino, Batangas State University, ARASOF, NASUGBU, Batangas, PHILIPPINES
Dr. Ryan V. Dio, Sorsogon State College, Sorsogon City, PHILIPPINES
Dr. Tien-Hui Chiang, Department of Education, National University of Tainan, TAIWAN
Dr. Mohammad Taghi Sheykhi, Department of Social Science, Alzahra University, Tehran, IRAN
Dr. Noraini Idris, Faculty of Education, University of Malaya, MALAYSIA
Dr. Ismi Arif Ismail, Faculty of Educational Studies, Universiti Putra, MALAYSIA
Dr. Chew Cheng Meng, School of Educational Studies, Universiti Sains, MALAYSIA
Dr. Asif Jamil, Institute of Education & Research, Gomal University, DIKhan, PAKISTAN
Dr. John Koskey Chang’ach, School of Education, Moi University, KENYA
Dr. Swaleha S. Pathan, Department of Psychology, AKI’s Poona College, Camp, Pune, INDIA
Dr. Esmeralda R. Javier, Lyceum of the Philippines University, Batangas City, PHILIPPINES
Dr. Maria Victoria Gonzales, Lyceum of the Philippines University, Batangas City, PHILIPPINES
Dr. Rosario B. Tamayo, Lyceum of the Philippines University, Batangas City, PHILIPPINES
Dr. Imelda L. An, Lyceum of the Philippines University, Batangas City, PHILIPPINES
Dr. Paz B. Reyes, Lyceum of the Philippines University, Batangas City, PHILIPPINES
Dr. Cecilia C. Pring, Lyceum of the Philippines University, Batangas City, PHILIPPINES
Dr. Anaclita P. Valdez, Lyceum of the Philippines University, Batangas City, PHILIPPINES
Dr. Marian C. De Mesa, Lyceum of the Philippines University, Batangas City, PHILIPPINES

Technical Staff- Ramonchito Lacsamana| Vanessa April Palas | Annalie D. Patena
Web Developer: Mr. Abner Tupas, MAITE
AIM
The Asia Pacific Journal of Education, Arts and Sciences (APJEAS) is open to the global community of scholars who aspire to have their research published in a peer-reviewed open access. The primary criterion for publication in the APJEAS is the significance of the contribution an article makes to the body of knowledge. It is an opportunity particularly for researchers in different fields of Education, Arts and Sciences to share their scientific materials to the global community. The efficiency and effectiveness of the editorial review process are critically dependent upon the actions of both the research authors and the reviewers.

SCOPE
We would like to invite you to submit and publish (online and print) your original research articles, review articles, short communications and case reports to the APJEAS in various disciplines but not limited to:

- Education
- Culture and Arts
- Humanities
- Social Sciences
- Natural Sciences
- Physical Sciences

Publishable research articles embrace any research methodology as long as the articles meet the publication standards of the journal. The journal primarily has, as its audience, scientists, academicians, educators, artists, practitioners of various fields, policy makers, graduate students, and other individuals interested in pushing the frontiers of developing innovative ideas for social and global transformation.

Types of Manuscripts

Original articles
Randomized controlled trials, intervention studied, studies of screening and diagnostic test, outcome studies, cost effectiveness analyses, case-control series, and surveys with high response rate.

Review articles
This is a systemic critical assessment of literature and data sources.

Short Communications
Short Communications are suitable for the presentation of research that extends previously published research, including the reporting of additional controls and confirmatory results in other settings, as well as negative results, small-scale clinical studies, clinical audits and case series. Authors must clearly acknowledge any work upon which they are building, both published and unpublished.

Case reports:
New/interesting/very rare cases can be reported. Cases with clinical significance or implications will be given priority, whereas, mere reporting of a rare case may not be considered. Up to 1000 words excluding references and abstract and up to 10 references.

Open Access Policy
APJEAS is available both online and print. The content of the journal is freely available to the readers, researchers, students and institutions for download, copy, search, cite or link to the full text of the article.
Author Guidelines
For paper submission, the research article must be an original copy, about 3,000-5,000 words, single-spaced, and with tables and figures. The research abstract must have 200-250 words with at least 3 keywords or phrases.

Manuscript Preparation
1. Organize the paper following these major headings: Title, Author/s and Affiliations/address, Abstract, Introduction, Objectives of the Study, Materials and Methods, Results and Discussion, Conclusions and Recommendations (optional) and References.
2. Acknowledgments and References. The References should substantially consist of articles published in current content-covered or peer-reviewed journals. Avoid citations of unpublished reports and theses.
3. Type the entire manuscript single-spaced on a short white bond paper (8.5 x 11”) with 0.8” margin (left & right); 0.9” (top); and 0.6” (bottom) using a Times New Roman font type of 11. References, Acknowledgments, plates and legends should be typed single-spaced. Number consecutively all pages.
4. Use end-notes rather than footnotes.
5. Spell out acronyms or unfamiliar abbreviations when these are mentioned for the first time in the text.
6. Write the scientific names of species completely with author(s) when it is first mentioned in the text and without author in succeeding references. Scientific names should be written in italics.
7. Do not spell out numbers unless they are used to start a sentence.
8. Use the metric system only or the International System of Units. Use abbreviations of units only beside numerals (e.g. 9 m); otherwise spell out the unit (e.g. kilometer from here). Do not use plural forms or periods for abbreviations of units. Use the bar for compound units (e.g. 1 kg.ha/yr). Place a zero before the decimal in numbers less than one (e.g. 0.25).
9. Titles of Tables and Captions of Figures should be as short as possible and understandable without referring to the text. Figures should consist only of simple line drawings, computer-generated graphics or good quality black and white photographs. Label of Figures and plates should be written below the image and should be as such a size so these are still legible even after reducing the size by as much as 50%.
10. Cite references in the text as author (year). Writing of et. al. in intext citation and in the list of references/literature cited is discouraged but instead authors are all listed; references in press as (author, in press) and unpublished reference as (author, unpubl. data or author, pers.comm). If two or more references are cited, arrange them by year.
11. Manuscript should be as concise the subject and research method permit, generally about 5000 words, single-spaced.
12. To promote anonymous review, authors should not identify themselves directly or indirectly in their papers or in experimental test instruments included in their papers or in experimental test instruments included in the submission. Single authors should not use the editorial “we”.

Titles. Titles of tables are written above while title of figures and plates are written below the images.

Author(s)' name(s). The first name, middle initial and family name are provided. The email address is written below the name followed by the department, name of institutional affiliation and country.
Abstract. An abstract of about 200-250 words should be presented immediately preceding the text. The abstract should concisely inform the reader of the manuscript's topic, its methods, and its findings.

Keywords. The abstract must be followed by at least three keywords to assist in indexing the paper and identifying qualified reviewers.

Introduction. The text of the paper should start with a section labeled “Introduction”, which provides more details about the paper's rationale, motivation, significance, scope and limitations and the setting of the study. Both the Abstract and Introduction should be relatively nontechnical yet clear enough for an informed reader to understand the manuscript's contribution. The manuscript’s title but neither the author's name nor other identification designations, should appear on the Abstract page.

Citations. In-text citations are made using an author-year format. Cited works must correspond to the list of works listed in the “Reference” section.

  a) In the text, works are cited as follows: author's last name and year, without comma, in parentheses.
  b) For cited works that include more than one work by an author (or same co-authors) that is published in the same year, the suffix a, b, etc., is to follow the date in the within-text citations and in the “Reference” section.
  c) When the author's name is mentioned in the text, it should be listed in the references.
  d) Citations to institutional works should use acronyms or short titles where practicable.
  e) If the paper refers to as statutes, legal treaties, or court cases, citations acceptable in law reviews should be used.
  f) The use of et. al. is not allowed. All authors should be correctly cited.

Pagination. All pages, including tables, appendices and references should be serially numbered.

Numbers. Spell out numbers from one to ten, except when used in tables and lists, and when used with mathematical, statistical, scientific, or technical units and quantities, such as distances, weights and measures. percentage and decimal fractions (in nontechnical copy, use the word percent in the text).

Conclusions. It should briefly answer the objectives of the study. They are no repetitions of the discussions but are judgments of the results obtained.

Recommendations. It is optional; allowed only when results warrant recommendation.

References. Every manuscript must include Reference section that contains ONLY those works cited within the text. Each entry should contain all information necessary or unambiguous identification of the published work. The style format is based from American Psychological Association (APA) with hanging indentation of 0.2. Do not categorize according to sources and must be arranged alphabetically. There should be majority of which should come from printed and online journals.
Review Process

An author accepts the responsibility of preparing the research paper for evaluation by independent reviewers. The responsibility includes subjecting the manuscript to evaluation by peers and revising it prior to submission. The review process is not to be used as a means of obtaining feedback at early stages of developing the research paper. Reviewers and editors are responsible for providing constructive and prompt evaluation of submitted research papers based on the significance of their contribution and on the rigors of analysis and presentation.

The manuscripts will be reviewed for possible publication with the understanding that they are being submitted to one journal at a time and have not been published, simultaneously submitted, or already accepted for publication elsewhere.

The Editors review all submitted manuscripts initially. Manuscripts with insufficient originality, serious scientific flaws, or absence of importance of message are rejected. All manuscripts received are duly acknowledged. The journal will not return the unaccepted manuscripts. Other manuscripts are sent to two or more expert reviewers following the double-blind review process. Each manuscript is also assigned to a member of the editorial team, who based on the comments from the reviewers takes a final decision on the manuscript. Within a period of 2 to 3 weeks, the contributors will be informed about the reviewers’ comments and acceptance/rejection of manuscript.

Articles accepted would be copy edited for grammar, punctuation, print style, and format. Page proofs will be sent to the first contributor, which has to be returned within three days. Correction received after that period may not be included.

Policy on Publication Ethics

Purpose
Asia Pacific Journal of Education, Arts and Sciences (APJEAS) in cooperation with Lyceum of the Philippines University (LPU) – Batangas aims to disseminate latest research findings and innovation in various fields of studies through online and print journal. It ensures the quality of manuscript for publication through confirming and verifying its academic integrity and adherence to the standards and policies of responsible conduct of research. This policy is also established to emphasize the importance of meeting and maintaining the highest quality of ethical standards and scientific validity. It encourages authors to commit themselves with competence in practicing credibility and professionalism gearing towards the culture of excellence through collaboration with the international research community in publication.

Publication Practice
Authors should submit their research articles in accordance with the author guidelines as prescribed by the journal. Research articles to be submitted for publication should not be previously published nor considered to another publication elsewhere. The author should clearly declare the originality of the research work which had never been accepted for other journals. If modifications had been made already on the research article with enhancement on the synthesis and analysis of findings, an overlap of about 10 per cent is considered acceptable between such journals.

Copying of another’s research work without citing the original source and considering it as one’s own work is an unethical practice and in the field of research and professional practice, this is
completely unacceptable. Plagiarism takes place in five types: copy & paste plagiarism, word switch plagiarism, style plagiarism, metaphor plagiarism and idea plagiarism.

Authorship Practice
Authorship credit must be based on the major contribution of each author on the conceptualization and design of the study; revision of the paper that provides substantial insights and implications to findings, collection, analysis and interpretation of data until the completion of research in drawing conclusions and recommendations with action plan or program. No one among the primary authors who met these criteria would be omitted from the authorship. People without any considerable involvement or substantial intellectual participation in the research process would not be considered as one of the authors like those who obtain funds for the research, collect important data and materials, or coordinate with the publication are considered significant but do not qualify for authorship as well as the inclusion of ‘ghost author’ is highly discouraged. The source of funding may be included in the acknowledgement as well as those people who became part either directly or indirectly in the completion of the research paper.

The corresponding author shall be responsible in communicating with the Editor to accomplish the copyright form and inform the co-authors regarding the status of the research article submitted and accepted to APJEAS to avoid multiple submission of paper to other journals at the same time. If the paper is rejected for publication to APJEAS that is the right time to submit the research article to other journals. The corresponding author is also responsible in the accuracy of the content of the paper particularly the complete list of the names of the co-authors, updated affiliations and email addresses.

Peer Review System
The journal exercises double-blind peer review process to ensure anonymity from the reviewer and the author of the research article to avoid any partiality or any limitation from the review process in case of familiarity between both parties. It is the responsibility of the reviewer to provide substantial comments and suggestions for the improvement of the paper to maintain the quality of the research article to be published in the journal. The reviewer shall take the evaluation of the general content in terms of academic significance of the research paper, its contribution to the community, technical novelty, quality of information and language usage. In terms of specific content, the reviewer provides evaluation in terms of the accuracy and unity of information in the abstract, relevance of introduction, literature and studies to the topic as well as the coherence of the objectives; preciseness of materials and methods used, completeness of results and discussion and comprehensiveness of drawing conclusion out of the salient findings and the thoroughness of the reference list.

The research article will be sent to two (2) reviewers and they will decide to publish the paper unaltered, accept after revision suggested in the review, review again after major changes or reject. If one of them decides to reject the paper and the other one decides to accept, this is the only time the paper will undergo another review and will be sent to the third reviewer.

Editorial Responsibilities
Submitted papers will be evaluated based on its scientific and systematic research method and not through lack of technical novelty. Fair decision will be observed by the editorial board irrespective of race, culture, origin, gender or citizenship of the author. Situations that may lead to conflicts of interest should be avoided.
Confidential Process
Since double-blind peer review process is being observed by the journal, the anonymity of both parties (author and reviewer) will remain confidential. The communication between the corresponding author and the Editor should not be posted on any website or social media as well as the result of the Reviewer's Report or Evaluation and any confidential materials without prior permission from the Editor whether or not the submission is eventually published.
# TABLE OF CONTENTS

1. Pantawid Pamilyang Pilipino Program (4Ps): Assistance to Pupil’s Education  
Monica M. Montilla, Elreen A. Delavin, Rudy M. Villanueva, Jr., Rocel A. Turco  
DEBESMSCAT, Philippines  
1-5

2. Reflections on the Role of Philosophy of Education in Social Reconstruction: The Nigerian Perspective  
D.N. Jimba, J.M. Musa, U.S. Gbarri & Mark Nyitse  
University of Jos; Nasarawa State University, Nigeria  
6-11

3. Modelling The Queue At The Scan Station of Tema Port: An Application of Queuing Theory  
Acheampong, R. Opoku-Sarkodie  
Methodist University College Ghana  
12-18

4. Human Rights And Quality Education In Nigerian Primary Schools  
Dr. Abayomi Olumade Sofoluwe  
Dept of Educational Administration, University of Lagos, Lagos, Nigeria  
19-27

5. Explicit Illocutionary Acts in Legislative Discourse  
Clara Unoalegie Bola Agbara; Kayode Omole  
Nigerian Turkish Nile University; University of Abuja, Nigeria  
28-36

6. Acceptability of Mango Puree Enriched with Malunggay (Moringa oleifera, Linn) Leaves Extract  
Lea Peñaflorida and Dr. Nilo Masbaño  
West Visayas State University- Janiuay Campus, PHILIPPINES  
37-45

7. Effect of Metalinguistic Learning Approach on Senior Secondary School Students’ Interest in Statistics in Makurdi  
O. Agbo-Egwu and B. O. Abakpa  
College of Agricultural and Science Education, Federal University of Agriculture, Makurdi, Nigeria  
46-51

8. Effective Communication Strategy and Sustainable Health Management in the Rural Environment of Akwa Ibom State, Nigeria  
Dr. Idongesit N. Udosen & Dr. Thelma U. Ekukinam  
Department of Educational Technology/Library Science, Faculty of Education, University of Uyo, Nigeria  
52-57

9. Academic Motivation among College Students with Math Anxiety: Basis for an Enhancement Program  
Rosemarie M. Adao, Maureen B. Bueno, Jovelyn M. Persia, Lida C. Landicho  
Lyceum of the Philippines University, Batangas City, Philippines  
58-62
10. Spirituality and Moral Identity among Government Employees
Kimberly Joy M. Alcazar, Karissa Nadia M. De La Rosa, Kristine Melody P. Gonda, Lida C. Landicho
Lyceum of the Philippines University, Batangas City, Philippines
63-67

11. Adversity Quotient and Coping Strategies of College Students in Lyceum of the Philippines University
Danny Kaye D. Vinas, Miriam Grace Aquino-Malabanan
Lyceum of the Philippines University, Batangas City, Philippines
68-72

12. Environmental Literacy Awareness and Information Dissemination among Adolescents in Calabar Municipality Local Government Area Secondary Schools in Cross River State, Nigeria
Dr. William E. Ekpiken and Dr. Godfrey Ukpabio
Department of Educational Administration and Planning, Faculty of Education, University of Calabar, Calabar, Nigeria
73-79

13. Children’s Concept of Forgiveness
Analiza R. Adarlo, Janine Mae V. Corpuz, Joan C. Villanueva, Lida C. Landicho
Lyceum of the Philippines University, Batangas City, Philippines
80-89

Anthony A. Olaoye
Department of English Studies, Faculty of Arts, Management and Social Sciences, Nigerian Turkish Nile University, Abuja, Nigeria
90-96

15. Marital Satisfaction among Widows and Widowers
Shiela Marie G. Aguila, Miriam Aquino-Malabanan, Elna R. Lopez
College of Education, Arts and Sciences, Lyceum of the Philippines University, Batangas City, Philippines
97-102

16. Emotional Maturity, Anxiety and Interpersonal Communication among Adolescents with Separated and Non – Separated Parents
Karen Mae C. Aquino, Queencel B. Enriquez, Kathrina B. Gonzales, Lida C. Landicho
College of Education, Arts and Sciences, Lyceum of the Philippines University, Batangas City, Philippines
103-109

17. Predictors of Student’s Search for Identity: Its Role and Effect on their Psychosocial Development
Maida Etsuko Ena A. Mayo, Miriam Grace Aquino – Malabanan
College of Education, Arts and Sciences, Lyceum of the Philippines University, Batangas City, Philippines
110-119
Students’ Personality Traits and Performance Correlates of High Grades in Senior School Certificate English In Kwara State, Nigeria
Dr. Yekeen Bello, Dr. Lawal Adebayo
Nigerian Turkish Nile University and University of Ilorin, Nigeria
120-126