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HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : JURNAL ILMIAH

Judul Jurnal Ilmiah (Artikel) : Study of Application Advanced Oxidation Process (AOP) using Nano-Micro Bubble Ozone for Batik Industry Waste Water Treatment

Nama/ Jumlah Penulis : 7 Orang

Status Pengusul : ~~Penulis pertama/ Penulis ke-4/ Penulis Korespondensi **~~

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- b. Nomor ISSN : 2456-2165
- c. Vol, No., Bln Thn : Vol. 7, No.11, pp. 800-809, 04 Desember 2022
- d. Penerbit : IJISRT
- e. DOI artikel (jika ada) : <https://doi.org/10.5281/zenodo.7395145>
- f. Alamat web jurnal : www.ijisrt.com
- Alamat Artikel : <https://zenodo.org/record/7395145>
- g. Terindex : Google scholar, Publons, ESJI, DRJI, NIH, I2OR, Index Copernicus, SJIF Impact Factor : 6.253

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Prof. Dr. Kusworo Adi, S.Si., M.T.
NIP. 197203171998021001
Unit Kerja : Fisika/FSM/UNDIP
Bidang Ilmu: Fisika Instrumentasi

Semarang, 18 Januari 2023
Reviewer 2


Prof. Dr. Agus Subagio, S.Si., M.Si.
NIP. 19710813 1995121001
Unit Kerja : Fisika/FSM/UNDIP
Bidang Ilmu: Fisika Material

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- Kecukupan dan kemutakhiran data/informasi dan metodologi:**
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- Kelengkapan unsur dan kualitas terbitan:**
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Author Name : Yudhistira Yossa Adirajasaa; Ahmad Faruq Abdurrahmana; Eko Yulianto; Sumariyah Sumariyahb; Gunawan Gunawanc; Sera Budid; Muhammad Nu

Create-My-Course: An Automated Course Generator for Self-Paced Programs

Anjana Wijerathne

Department of Information Technology
Sri Lanka Institute of Information Technology Malabe,
Sri Lanka

Buddhika Sandaruwan

Department of Information Technology
Sri Lanka Institute of Information Technology Malabe,
Sri Lanka

Deelaka Fernando

Department of Information Technology
Sri Lanka Institute of Information Technology Malabe,
Sri Lanka

David Oddugama

Department of Information Technology
Sri Lanka Institute of Information Technology Malabe,
Sri Lanka

Abstract:- Live lectures and uploading recorded lectures to any server are the two conventional methods of distributing lectures to students. Due to the proliferation of new technologies in the modern world, people are gradually switching to the asynchronous learning approach, in which lectures are uploaded to a web server and made available to students at any time and from any location. This solves issues for students who can't get together for a live teleconference at a certain time or who don't possess a computer and must utilize borrowed or public computers to complete the course. However, the issue with the current trend in the globe is that it is not an effective method of learning and cannot be used to produce efficient results. We have discovered that there are a few causes for that after conducting some investigation. Under these conditions, the research presented here suggests using Create-my-course, an asynchronous e-learning platform that encourages active participation from students. When students are found to be inattentive, they are provided with opportunities to engage in a wide range of activities. These activities include segmenting the recorded materials into topic-based sections to make the content easier to understand, providing a summarized lecture note in English, Sinhala, and Tamil, answering questions in three different formats and having an AI assistant that is available 24/7 to reach out to students. With these capabilities, Create-my-course is offered as an all-inclusive system that distinguishes itself from existing e-learning platforms and assists educational institutions in delivering flexible, self-paced, asynchronous learning to its students.

Keywords:- AI, Asynchronous, E-Learning, Machine Learning.

I. INTRODUCTION

In the previous era of learning, students and lecturers used to teach and learn by gathering physically in a classroom. This continued for over a century until recently, when there was a radical advancement in technology where learning was coupled with multimedia with the use of the internet and was called E-learning, which means enabling access from anywhere to every person on this planet. This was a significant breakthrough in the education industry. It has helped people to study what they like or to check their field of interest by watching learning content from various platforms like LinkedIn Learning, Coursera, Udemy, Codecademy, etc [1].

The fundamental goal of the e-learning research domain is to improve the quality of teaching and learning. It is important to accommodate the learning preferences and demands of the students. Effectiveness and efficacy need to be increased. Increasing user accessibility and scheduling flexibility will help students become more involved in the learning process. Around the world, there have been numerous research efforts in the field of e-learning.

The "Create-My-Course" project is mostly asynchronous learning-focused. Asynchronous eLearning may make use of email, blogs, discussion forums, eBooks, CDs, and DVDs, among other technologies. Learners can download materials and access information at any time. Asynchronous learning was more popular among students than synchronous learning since it allowed them to attend online classes whenever it was convenient for them and without interfering with their regular routines.

Internal Displacement and its Ripple Effects on Urban Residential Instability and Mobility in Bamenda III Municipality

NforDelphine Mbongsi

¹Lecturer of Geography, Department of Geography and Planning, The University of Bamenda, P.O Box 39, Bamibli-Cameroon.

Moh Celestine Pesetienga

Department of Geography and Planning, The University of Bamenda, P.O Box 39, Bamibli-Cameroon.

Abstract:- Armed conflicts and generalised violence have been at the forefront of internal displacements in the world. Sub-Saharan Africa (SSA) has witnessed a stable increase in internal displacements and untold sufferings in recent years. Cameroon has witnessed a continuous threat from the Boko Haram insurgency, insecurity in the East Region and the current Anglophone Crisis(socio-political) in the North West and South West Regions. The raging socio-political crisis rocking these two regions since 2016 and counting is at the forefront of residential instability and mobility in Bamenda III Municipality. In order to correlate socio-political crisis and residential instability and mobility in Bamenda III Municipality, the study adopted the qualitative and quantitative methods of data sourcing for secondary and primary data procurement. Related literature was reviewed alongside oral histories captured through interviews, news outlets, informal discussions and focus group discussions. Copies of the questionnaire were administered to 200 respondents (160 IDPs and 40 residents) and field observation constituted an integral part for data procurement. Results reveal that insecurity 98.75% (56.25% IDPs and 42.5% residents) is the main push factor of Internal Displacement in Bamenda III Municipality. It also reveals that females than males between the age brackets 40-59 are the main group of people (25.7% with 22.6% IDPs and 3.1% residents) that are highly affected by the crisis to relocate. Sustainable actions and strategies such as fundraising, charity and collaboration with local stakeholders will serve the short term while an inclusive dialogue incorporating warring partners will be the panacea.

Keywords:- Internal displacement, IDPs, socio-political crisis, residential instability and mobility, Bamenda III municipality

I. INTRODUCTION

Internally displaced persons (IDPs) are people who are forced to flee their homes due to armed conflict, generalised violence, violations of human rights, and/or natural or anthropogenic disasters, but who remain within their own country unlike refugees who are forced out of the country (UNHCR-AFRICA, 2022). The global internal displacement statistics portrays a substantial increase with 33.4 million internal displacements across 145 countries and territories in 2019 (IDMC-GRID, 2020), emphasising that most of the displacements are caused by disasters and adverse climatic

changes (tropical storms, floods, tornados, landslides, avalanches) as well as unabated conflicts which originate from political and linguistic differences (increased violence, death threats, kidnappings, forced relocation and residential instability) with sub-Saharan Africa (SSA) having 9.7 million IDPs in 2011 out of the estimated 26.4 million IDPs in the world (IDMC, 2011 and Ferris, 2012). The population of refugees of African origin has been on the rise (Adesina, et al., 2022). At the end of 2019, Central and West Africa recorded over 5 million IDPs (UNHCR, 2020). Disasters, particularly those associated with hydro-meteorological hazards such as floods, storms and drought, also triggered 2.6 million new displacements in 2019 (Africa Report on Internal Displacement, 2019). The term IDPs gained concern in the early 1990s when the international body began to increase its focus on the plight of IDPs (Goldman, 2009) and their practice and norms in extending protection and assistance to IDPs who do not enjoy as ancient roots as does the concept of asylum (Cheung, 2020). The term was first used around the time of negotiating the 1951 Refugee Convention; employed then not to include, but rather to exclude the internally displaced as persons who presented 'separate problems' from refugees and should not be assisted on the same terms (Cheung, 2020). Unlike persons who flee across international borders and may be entitled to the status and protective international legal regime applicable to refugees, IDPs remain within their country (Goldman, 2009). There were 16.8 million people living in internal displacement as a result of conflict and violence in Africa as of the end of 2018 (Africa Report on Internal Displacement, 2019) rendering them residentially unstable and mobile. Residential mobility is an adjustment or a household's response to dissatisfaction or stress situation influenced by environmental and political conditions. Residential mobility is a relocation phenomenon resulting from political, economic, and social events (Oh, 2020). Residential mobility is considered as a natural course in the human life cycle. Changes of residence occur daily in every major city or area and the reasons for such movements are varied not just for individuals and families but for cities and societies themselves. Certain human life events such as aging household, marital status and family size expansion pose reason for some households to consider moving out of their current house and moving in elsewhere to fulfil their needs and welfare (De Groot et al., 2011). In most Western and developed countries and in some parts of Asian and African contexts, an absolute majority of residential mobility resulting from internal displacements is motivated by the desire to move from renting to owning or from