

Workshop on “Effective use of English Language in Scientific Writing & Publishing Research Work”

A workshop on “Effective use of English Language in Scientific Writing and Publishing Research Work” was held for the B.Sc. (Agric.) final year students of the Faculty of Agriculture and Plantation Management on 26th October 2020. The aim of the workshop was to guide the students to write a research article based on the results of their ongoing research projects. The event was co-organized by the publication committee of the 19th Agricultural Research Symposium (AGRES).

Prof. Meththika Vithanage, Professor, Office of the Dean and Director, Ecosphere Resilience Research Centre, Faculty of Applied Sciences, University of Sri Jayewardenepura was the resource person. This full day workshop has been conducted via zoom virtual platform at the prevailing Covid-19 situation of the country. The content includes; Language tips for scientific writing, the art and style of writing abstract, introduction, methodology, results & discussion, best way to write a literature review and how to avoid plagiarism, how to write reference easily & referencing styles with especial focus on Harvard system, electronic bibliographies and plagiarism prevention software. Students’ participation for the workshop was 100% and interactive as well, with number of inquiries and questions from their research projects.

The workshop was co-organized and funded by the English for Inquiry-based Experiential Learning (EIEL) program under Activity 5 of the AHEAD ELTA ELSE faculty development project. The organizing committee wishes to express their gratitude to Prof. Meththika Vithanage for her tremendous effort to make this workshop a success and Prof. Jagath Edirisinghe, Dean, Faculty of Agriculture & Plantation Management for his valuable advices, encouragements and continuous support throughout this activity.

Activity 5 - AHEAD ELTA-ELSE Project
English for Inquiry-based Experiential Learning (EIEL) program

A
Workshop
on

Effective Use of English Language in Scientific Writing & Publishing Research Work

*This workshop will improve clear & effective writing,
provide thesis support and guide how to plan & write a research article*

CONTENT

- Language tips for scientific writing
- The art and style of writing abstract, introduction, methodology, results & discussion
- Best way to write a literature review and how to avoid plagiarism
- How to write reference easily, referencing styles with especial focus on Harvard system
- Electronic bibliographies and plagiarism prevention software

26th October 2020,
Monday
9.00 a.m. to 1.30 p.m.

Via,



Attendance is
compulsory for all
final year students



Conduct by
Prof. Meththika Vithanage
*Professor, Office of the Dean,
Faculty of Applied Sciences,
Director,
Ecosphere Resilience Research Centre,
University of Sri Jayewardenepura
E-mail: meththika@sjp.ac.lk*



Funded & Co-organized by
AHEAD ELTA-ELSE Project
*Faculty of Agriculture & Plantation Management
Wayamba University of Sri Lanka*

Co-organized by,
Publication Committee
19th AGRES

Zoom Meeting

Kalpani Wijayasi... Priyanwada War... Indika Herath Tharindu Navodya Herath

Meththika

Participants (148)

Find a participant

KW Kalpani Wijayasinghe (Me)

Priyanwada Warakag... (Host)

Indika Herath

D Dilany

(R) (004/9)Priyantha Rathnayake

166005 Dananjani Bandara

1 166060

1S 166089 sampath

1 166094

1 166135

1R 166137 Rangika

1W 166157 W.G.A.D.N Wehalle

1 166160

1 166505

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Zoom Meeting

Kalpani Wijayasi... Meththika Priyanwada... 166571 166104

Recording

Advice in Writing

- Abstracts are short but time-consuming
- Very information-dense, but simply formatted
- Analyze one sentence at a time
 - Each sentence has purpose
 - Each sentence logically follows another
- Use plain English wherever you can
- Use active voice when you can
- State only your most important conclusion(s)
- *There is not good writing, only good rewriting*

Meththika

Participants (172)

Find a participant

KW Kalpani Wijayasinghe (Me)

Priyanwada Warakag... (Host)

M Meththika

..

1 156089

M 166 101

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1 166002

166005 Dananjani Bandara

1 166007

1W 166011 W.D.T.Fernando

1- 166013 - Vindula Herath

1 166015

166019

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172

Leave

Zoom Meeting

Kalpani Wijayasi... 166571 166104

Recording

Wrong word order

In the theoretical part are given some basic information on the countries which form the Arab world. (wrong)
In the theoretical part basic information on the Arab world is given. (right)
.....the use of questionnaires determines what is its influence on environment in the Czech Republic and what is its economic gain. (wrong)
..... the use of questionnaires determines what its influence on the environment in the Czech Republic is and what its economic gain is. (right)
To achieve the defined task was used an anonymous questionnaire..... (wrong)
To achieve the defined task, an anonymous questionnaire was used..... (right)
During winter season is the destination more attended..... (wrong)
During winter season the destination is attended more often..... (right)

Ecosphere Resilience Research Centre

Participants (172)

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- KW Kalpani Wijayasinghe (Me)
- Priyanwada Warakag... (Host)
- M Meththika
- ..
- 1 156089
- M 166 101
- 166001Upekkha Abhayarathne
- 1 166002
- 166005 Dananjani Bandara
- 1 166007
- 1W 166011 W.D.T.Fernando
- 1 166012
- 1 166013 - Vindula Herath
- 1 166015

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Kalpani Wijayasi... 166571

Recording

Writing Introduction

Prof. Meththika Suharshini Vithanage
 Director, Ecosphere Resilience Research Center
 Faculty of Applied Sciences, University of Sri Jayewardenepura

Adjunct Associate Research Professor,
 University of Southern Queensland, Toowoomba, Australia
 Visiting Research Professor,
 National Institute of Fundamental Studies, Kandy

Ecosphere Resilience Research Centre

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- MM Malinda Madhusankha
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- 1 166013 - Vindula Herath
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Kalpani Wijayasi... Meththika Malinda Madhu... Lahiru Balaso... Priyanwada...

2 Characteristics of a Scientific Paper Method Results and Discussion Drawing Conclusions Language used in Scientific Writing

Purpose of the Methodology Section

- To allow others to replicate what you did
 - In order to test it
 - In order to do further research
- To allow others to evaluate what you did
 - To determine whether the conclusions seem valid
 - To determine whether the findings seem applicable to other situations

Participants (156)

Q Find a participant

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Recording

research2 (1).pdf - Adobe Reader

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Adsorptive removal of oxytetracycline by dextran/chitosan using municipal solid waste biochar and montmorillonite composite

ABSTRACT

This study focuses on novel adsorbent prepared from municipal solid waste (MSW) derived biochar and montmorillonite (MMT) for OTC removal from water. The composite was characterized using Scanning Electron Microscope (SEM), Powder X-ray diffraction (PXRD) and Fourier Transform Infrared Spectroscopy (FTIR) before and after adsorption treatment with OTC. Batch experiments were conducted by changing pH, time and initial OTC concentration to study the adsorption process. Successful composite formation demonstrated by porous structure along the porous morphology of MSW-BC. Proper combination of MMT onto MSW-BC was exhibited through changes in surface area. Further, FTIR bands due to vibration of OH functional group provide evidence for successful composite formation. The OTC adsorption in pH dependence and at pH 6 the highest adsorption capacity was observed by MSW-BC-MMT. The lower electrostatic repulsion between functional groups was experienced. The Kinetic data of OTC adsorption was well fitted to Elovich model suggesting involvement of multiple processes. The isotherm adsorption data of OTC adsorption on MSW-BC-MMT were fitted to both Freundlich-Rosenmund and Temkin models (Qmax=273 mg g⁻¹) indicating the involvement of both physisorption and chemisorption process. In accordance with results, high surface area and surface activity were afforded by MMT to clay composite which increase the surface area from 43298 to 65985 m² g⁻¹, involved improving the adsorption capacity of the MSW-BC-MMT composite through intercalation interactions, surface adsorption and surface complexation. Therefore, the use of MSW-BC-MMT composite could be an appropriate remediation compound for removing OTC antibiotic residue in contaminated aqueous media.

Key words: Municipal solid waste, Biochar, Adsorption, Wastewater, Pharmaceutical, Remediation

1.0 Introduction

Participants (155)

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