



## APPENDICES

 <b>UNIVERSITI SAINS ISLAM MALAYSIA</b> جامعة العلوم الإسلامية الماليزية ISLAMIC SCIENCE UNIVERSITY OF MALAYSIA	
<b>Institution</b>	Islamic Science University of Malaysia
<b>NAME OF ETHICS COMMITTEE/IRB:</b> Research Ethics Committee, Islamic Science University of Malaysia	<b>ETHICS COMMITTEE/IRB REF NO:</b>  USIM/JKEP/2022-188
<b>PROTOCOL TITLE:</b> Effectiveness of A4STEM on Kolej GENIUS Insan Students' Interest Towards Arabic Language Learning	
<b>PRINCIPAL INVESTIGATOR:</b> Dr. Abdelrahman Ibrahim Suleiman Islaieh Kolej Genius Insan Islamic Science University of Malaysia	
<p>The following items (/) related to the above study that is to be conducted by the above investigator have been received and reviewed</p> <p style="text-align: center;"><b><u>Documents</u></b></p> <ul style="list-style-type: none"><li>(/) Research Application Form</li><li>(/) Research Proposal</li><li>( ) Non-Disclosure Agreement</li><li>( ) Project Agreement</li><li>( ) Publication Policy</li><li>(/) Information Sheet (Malay &amp; English) &amp; Consent Form (Malay &amp; English)</li><li>(/) Questionnaire (Malay &amp; English)</li><li>(/) Curriculum Vitae of Researcher</li><li>( ) Other relevant document</li></ul> <p>The Research Ethics Committee Islamic Science University of Malaysia operates in accordance to the International Conference of Harmonization Good Clinical Practice Guidelines.</p> <p>Comments (if any): _____</p> <p><b>Date of Approval: 24 January 2022</b></p> <div style="text-align: right;"> <b>Prof. Madya Dr. Rafidah Hanim Mokhtar</b> Chairman Research Ethics Committee The Islamic Science University of Malaysia</div>	
<p>Research Ethics Committee, Islamic Science University of Malaysia Faculty of Medicine and Health Sciences Persiaran Ilmu Putra Nilai, 71800 Nilai Negeri Sembilan MALAYSIA. Website: <a href="http://www.fpsk.usim.edu.my/">http://www.fpsk.usim.edu.my/</a></p>	



UNIVERSITI SAINS ISLAM MALAYSIA

جامعة العلوم الإسلامية الماليزية  
ISLAMIC SCIENCE UNIVERSITY OF MALAYSIA

Jawatankuasa Etika Penyelidikan USIM

USIM: 2.12/244 (605)  
21 Jamadilakhir 1443 / 24 Januari 2022

**Dr. Abdelrahman Ibrahim Suleiman Islaieh**  
Pensyarah  
Kolej GENIUS Insan

Y.Bhg. Prof./Dr./Tuan/Puan,

**KELULUSAN ETIKA MENJALANKAN PENYELIDIKAN DI UNIVERSITI SAINS ISLAM MALAYSIA**

Tajuk : *'Effectiveness of A4STEM on Kolej GENIUS Insan Students' Interest Towards Arabic Language Learning'*

Kod Projek : USIM/JKEP/2022-188

Dengan segala hormatnya merujuk kepada perkara di atas.

2. Sukacita dimaklumkan bahawa, Jawatankuasa Etika Penyelidikan USIM bertarikh pada 24 Januari 2022 telah meluluskan penyelidikan Y.Bhg. Profesor/Dr./Tuan/Puan bagi tajuk di atas seperti maklumat berikut:

- i. Tempoh kajian diluluskan : 1 September 2019 sehingga 31 Mei 2022.
- ii. Peruntukan : RM 65,200 daripada Kementerian Pengajian Tinggi.

3. Penyelidik perlu mengemukakan **Laporan Kemajuan Setiap 6 Bulan** dan **Laporan Akhir** sebaik sahaja penyelidikan tamat kepada Sekretariat Jawatankuasa Etika Penyelidikan USIM.

Sekian, terima kasih.

**"WAWASAN KEMAKMURAN BERSAMA 2030"**

Saya yang menjalankan amanah,

**(PROF. MADYA DR. RAFIDAH HANIM BINTI MOKHTAR)**

Pengerusi,  
Jawatankuasa Etika Penyelidikan  
Universiti Sains Islam Malaysia

s.k. - Fail JKEP USIM

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## INTERVIEW PROTOCOL

### Research Title:

Effectiveness of A4STEM on Kolej GENIUS Insan students' interest towards Arabic language learning

### Researcher's Name:

Mohammad Hazmanyazid Bin Haslubis

### Interview Purpose:

The basic purpose to gather information to finish Master's in Social Sciences through conducting interview and researcher use this method because interviews are often used to explore, in more depth, information collected from other election methods

### Interview Objectives:

1. To identify how students use of Arabic Language in learning STEM
2. To identify the KGI students' learning Arabic Language proficiency improvement through A4STEM module.
3. To investigate their acceptance/feedback/reaction towards A4STEM module

### Group population:

The number of basic 2 students at GENIUS Insan College are 88 students and researcher selected 4 students who represented 10%. Furthermore, they are students who are learning Arabic.

### Interview place:

Online by using Zoom platform because researchers and students have Microsoft accounts that registered under the university.

### Time and Date

Time	Date
4:30pm – 6:00pm	Tuesday (16 <sup>th</sup> November 2021)
4:30pm – 6:00pm	Wednesday (17 <sup>th</sup> November 2021)

\* In the evening because students are out of school hours and these interviews are done separately to get more detailed data.

### INTERVIEW QUESTIONS

#### **RQ1: How do KGI students use Arabic in learning STEM subjects?**

1. What motivates you to use innovative techniques in your Arabic language learning?
2. What are the strategies that you use to improve your Arabic language learning besides using this module?
3. What are the strategies that you use to improve your Arabic language learning besides using this module?
  - Does it work?
4. What kind of medium do you use in developing your Arabic language proficiency?
  - What characteristics of the platform that may develop your Arabic language proficiency?

5. Do you use the internet developing your Arabic language?
6. What are some of the major challenges you face in attempting to change learning practices?
  - Why do you use the textbooks?
7. Describe how is your learning and assessment practices improve your Arabic language?
  - Probe: How do you know? (Criteria, evidence)

**RQ2: What are the impacts of the implementation of A4STEM module to upgrade Arabic language for gifted students in KGI?**

8. What kind of improvement you get after engaging in this A4STEM module?
9. What is changing about A4STEM module on your Arabic language?

**RQ3: How does Arabic 4 STEM module improve KGI students' Arabic Language proficiency?**

10. What are the contents from the A4STEM module that has improved your Arabic language learning?
  - And do you think the content has improved your Arabic language?
11. How do you go about assessing whether you understand the module you use?
  - Probe: Do you understand the A4STEM module?
12. What kind of assessments in the module tell you the most about what you have learnt in Arabic language?
  - Probe: What kind of assessment most accurately capture your interest in learning Arabic language?
13. What are the main factors of this module that may contribute to the development of your Arabic language?
  - Probe: Why do you prefer that? Why do you like it?
14. Does the implementation of A4STEM module upgrade KGI gifted students' Arabic language proficiency?
  - Probe: Can you share your thoughts or opinion based on your own experience?
15. What do you think are the major prospects of the module?
  - Probes: How can barriers be overcome?
16. To what extent can this module help you in improving your Arabic language?
  - Probe: How is "this module" benefit you?
17. Is assessment a major focus of attention and discussion here?
  - Probe: why or why not? (Reasons, influences).
18. What specific new learning process you gain after using this module?
19. Is there any particular characteristic of the module that you can associate with innovative learning initiative?
  - Can you share about it?
20. Is there any innovative learning that you use before using this module?
  - Probe: can you share its own characteristics?