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Appendix

1.1 Instruction sheet for online questionnaire

තොරතුරු තාක්ෂණ මෙවලම් ශ්‍රී ලංකාවේ ද්විතීක අධ්‍යාපනය සඳහා
යොදාගැනීමට බලපාන හේතු

ප්‍රශ්නාවලිය

තොරතුරු තාක්ෂණ ගුරුවරුන් සඳහා

මෙම ප්‍රශ්නාවලියේ අරමුණ වන්නේ පාසල්වල තිබෙන තොරතුරු තාක්ෂණ මෙවලම් ඉගෙනුම් ඉගැන්වීම් ක්‍රියාවලිය සඳහා යොදාගැනීමට බලපාන හේතු පිළිබඳ අධ්‍යයනයක් කිරීමටයි. මෙම අධ්‍යයනය කරනු ලබන්නේ මොරටුව විශ්ව විද්‍යාලයේ පශ්චාත් උපාධි පාඨමාලාව හදාරන ශිෂ්‍යයෙකු විසින්ය.

ඔබට මෙම <https://docs.google.com/spreadsheet/viewform?fromEmail=true&formkey=dEUtajNQMTlycXJLY1dKS2t4SUIOTXc6MQ> (click කරන්න) වෙබ් ලිපිනය වෙත ඇතුළුවී අදාළ ප්‍රශ්නාවලිය අන්තර්ජාලය ඔස්සේ පුරවා අප වෙත යොමු කල හැක. එසේ නැතහොත් මේ සමග අමුණා ඇති මයික්‍රොසොෆ්ට් වර්ඩ් (MS Office Word) නමැති මෘදුකාංගයෙන් සකස් කල ප්‍රශ්නාවලිය පුරවා moratuwauniversitysurvey@gmail.com යන විද්‍යුත් ලිපිනයට එවීම කල හැක

මෙම ප්‍රශ්නාවලිය සිංහල භාෂාවෙන් සකසා ඇති බැවින් ඇතැම් විට ඔබගේ පරිගණකයෙන් මෙහි ඇති සිංහල අකුරු නොපෙනීමට ඉඩ ඇත. එසේ වුවහොත් මෙම <http://www.siyabas.lk/sinhala how to install.html> වෙබ් ලිපිනයෙන් “සිංහල Unicode” ලබා ගෙන පරිගණකයට අනුයුක්ත කර ගත යුතුවේ.

ප්‍රශ්නාවලිය පිරවීම සඳහා පහත සඳහන් පැහැදිලි කිරීම් උපකාරීවේ

- තොරතුරු තාක්ෂණ මෙවලම් යනු තොරතුරු තාක්ෂණය සඳහා භාවිතා කරන සියලුම උපකරණ සහ මෘදුකාංග වේ. උදාහරණ:- පරිගනක, ලැප්ටොප් පරිගනක, මුද්‍රණ යන්ත්‍ර, ප්‍රොජෙක්ටර්, අන්තර්ජාලය, මෘදුකාංග, පරිගනකයට අදාළ අනෙකුත් උපාංග

ඔබට විමසීමට යමක් ඇතොත් මෙම දුරකතන අංකයට කතාකරන්න. ශීන් මහතා
0715348524

මේ සඳහා ඔබ දක්වන සහයෝගය ඉතා අගයකොට සලකන්නෙමු

ස්තූතියි

මොරටුව විශ්ව විද්‍යාලය

Factors Affecting use of Information Technology Tools for
Secondary Education in Sri Lanka

QUESTIONNAIRE for IT TEACHERS

This questionnaire is designed to find out the reasons for use of IT tools in teaching learning process in school and do not use for any other requirement. A student of the Master of Business Administration degree of the University of Moratuwa is doing this research as a requirement of his MBA program.

You can fill this questionnaire from this <https://docs.google.com/spreadsheets/viewform?fromEmail=true&formkey=dEUtajNQMTIycXJLY1dKS2t4SUI0TXc6M> Q (Click on this link) web link and submit it or you can download the questionnaire attached herewith (It is in Microsoft word format) and fill it, and mail to moratuwauniversitysurvey@gmail.com

This questionnaire is designed in Sinhala medium. Therefore, if your computer does not support Sinhala fonts please download the Sinhala Unicode fonts from http://www.siyabas.lk/sinhala_how_to_install.html web link and install to your computer.

Following information will be helpful to fill the questionnaire

The mean of "IT Tools" is the computer related equipment, software and other IT resources/facilities. Example:- computers, laptop computers, printers, projectors, internet, software, and all other equipment related to Information Technology

If you have any inquiries about this, please do not hesitate to contact Mr.Geeth on 0715348524

Your kind cooperation in this regards is highly appreciated

Thank you

University of Moratuwa

1.2 Questionnaire:

1.2.1 Non IT teachers' Questionnaire English Medium

Factors Affecting use of Information Technology Tools for Secondary Education in Sri Lanka

QUESTIONNAIRE

- 1) Name of school:.....District.....
.....
- 2) What are the subjects and the grades that you teach?:.....
- 3) What is the province that your school is located in?
Western Sabaragamuwa Central Eastern
Uva
North Western North Central Northern Southern
- 4) How many students are there in your school?.....
- 5) How many teachers are there in your school?.....
- 6) Please provide details of the available IT resources in your school
 - 6.1 Number of computers used by students and teachers.....
 - 6.2 Number of laptops.....
 - 6.3 Number of printers.....
 - 6.4 Number of projectors.....
 - 6.5 Internet connectivity:-Available Not Available
 - 6.6 is your school connected to "Schoolnet"? :-Connected Not Connected

(Please underline the correct answer)

- 7) What is Your age ?
 - 20-29
 - 30-39
 - 40-49
 - 50-59
 - Over 60

8) Please specify your highest educational qualifications

- A/L , O/L
- Certificate / Diploma / Higher Diploma
- Degree
- Post Graduate / Masters
- Doctorate (PhD)

9) What type of IT courses have you followed? (you can select more than one answer)

- Not followed
- Government Training
- Certificate/ Diploma / Higher Diploma
- Degree
- Master Degree

Please indicate your level of agreement with following statements by indicating a 'X' in one of the boxes from 1 to 5 according to the following table.

1	2	3	4	5
Strongly Disagree	Disagree	Neither agree nor disagree	Agree	Strongly Agree

		1	2	3	4	5
10	The time will be saved when using IT tools					
11	The time period given per subject is enough to use IT Tools in the teaching and learning process					
12	The use of IT tools enhance the students' knowledge					
13	The teachers' quality of teaching improves when using IT tools					
14	The students' quality of knowledge improves when using IT tools					
15	The use of IT tools enhances the effectiveness of teaching					
16	The use of IT tools in teaching, makes students more productive than the traditional process					
17	Schools get maximum benefits of the available IT tools					
18	IT tools would improve the job performance of teachers					
19	The use of IT tools for teaching learning process is a value addition for your career					
20	The use of IT tools in the school, supports for your self-development					
21	Your efficiency improves when using IT tools for teaching learning process					

22	I use internet technology to enhance the subject knowledge					
23	Students use the internet technology for learning					
24	The IT tools fail very often in the school					
25	The school takes very less time to fix the issues of IT tools					
26	The government provides more supports to solve the issues of IT tools					
27	You are more confident in using IT tools					
28	The government has provided sufficient IT training for teachers					
29	IT training is vital for teachers					
30	The use of IT tools in teaching learning process is very difficult					
31	The students are enjoying using IT tools					
32	The use of IT tool for teaching learning process is cost effective because it provides more benefits than the investment					
33	The use of IT tools helps students to find better jobs in the future					
34	The society believes that the quality of education in schools which use IT tools for teaching, is higher					
35	You are frequently faced IT related issues due to lack of knowledge					
36	IT tools help to achieve what we want in teaching learning process					
37	School has sufficient funds for the maintenance of IT equipment					
38	The students use IT equipment carefully/safely					
39	The available IT tools in your school is sufficient when compared with the number of students					
40	The IT tools motivate teachers and students to do their work					
41	You like to use IT tools for teaching in the classroom					
42	The IT tools motivate students to improve the subject knowledge than the traditional learning process					
43	The knowledge of English motivate to use IT tools for teaching learning process					
44	The knowledge of English language helps to reduce the fear on use of technology					

Please indicate your level of agreement with following statements by indicating a 'X' in one of the boxes from 1 to 5 according to the following table.

1	2	3	4	5
Very low	Low	Average	High	Very High

		1	2	3	4	5
45	How do you rate the competency level of you in solving IT related issues without any help of technical people?					
46	What is the your level of IT knowledge to use IT Equipment & software for teaching?					
47	What is the extent of IT knowledge of students so that they can use IT tools to enhance the subject knowledge?					
48	What is your perception on the level of satisfaction in using IT tools for teaching learning process?					
49	What level of improvement in Information Technology has been achieved by schools?					
50	In your view, at which level of our education system can be placed in the use of IT tools in international standards?					
51	How do you rate the performance level of available IT tools and facilities?					
52	Does your school has adequate funds for ICT development activities in your school?					
53	At which level can we rate the IT training effect on motivating you to use IT tools?					
54	How do you measure the level IT training affect on the use of IT tools?					
55	What is the level of knowledge of the English language of students?					
56	What is the level of knowledge of the English language of teachers?					



Please indicate your level of agreement with following statements by indicating a 'X' in one of the boxes from 1 to 5 according to the following table.

	1	2	3	4	5
	0% - 20%	21% - 40%	41% - 60%	61% - 80%	80% - 100%
	1	2	3	4	5
57	What is the percentage of teachers who are backward in using IT tools, because they are new to the technology?				
58	What is the percentage of teachers who believes that using IT tools is effective in teaching learning process?				
59	What is the percentage of teachers who believes that using IT tools in teaching learning process is more effective than the traditional process?				
60	What is the percentage of students who access IT tools for their learning process?				
61	What is the percentage of teachers who access IT tools for their teaching process?				

1.2.2 IT Teachers' Questionnaire English medium

Factors Affecting use of Information Technology
Tools for Secondary Education in Sri Lanka

QUESTIONNAIRE for IT TEACHERS

- 1) Name of school:.....District.....
.....
- 2) What are the subjects and the grades that you teach?:.....
- 3) What is the province that your school is located in?
- | | | | | | | | | |
|---------------|--------------------------|---------------|--------------------------|----------|--------------------------|----------|--------------------------|--------------------------|
| Western | <input type="checkbox"/> | Sabaragamuwa | <input type="checkbox"/> | Central | <input type="checkbox"/> | Eastern | <input type="checkbox"/> | <input type="checkbox"/> |
| Uva | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | |
| North Western | | North Central | | Northern | | Southern | | |
- 4) How many students are there in your school?.....
- 5) How many teachers are there in your school?.....
- 6) Please provide details of the available IT resources in your school
- 6.1 Number of computers used by students and teachers.....
- 6.2 Number of laptops.....
- 6.3 Number of printers.....
- 6.4 Number of projectors.....
- 6.5 Internet connectivity:-Available Not Available
- 6.6 is your school connected to "Schoolnet"? :-Connected Not Connected

(Please underline the correct answer)

- 7) What is Your age ?
- 20-29
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8) Please specify your highest educational qualifications

- A/L , O/L
- Certificate / Diploma / Higher Diploma
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9) What type of IT courses have you followed? (you can select more than one answer)

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- Master Degree

Please indicate your level of agreement with following statements by indicating a 'X' in one of the boxes from 1 to 5 according to the following table.

1	2	3	4	5
Strongly Disagree	Disagree	Neither agree nor disagree	Agree	Strongly Agree

		1	2	3	4	5
10	The time will be saved when using IT tools					
11	The time period given per subject is enough to use IT Tools in the teaching and learning process					
12	The use of IT tools enhance the students' knowledge					
13	The teachers' quality of teaching improves when using IT tools					
14	The students' quality of knowledge improves when using IT tools					
15	The use of IT tools enhances the effectiveness of teaching					
16	The use of IT tools in teaching, makes students more productive than the traditional process					
17	Schools get maximum benefits of the available IT tools					
18	IT tools would improve the job performance of teachers					
19	The use of IT tools for teaching learning process is a value addition for the careers of teachers					
20	The use of IT tools in the school, supports self-development of teachers					

21	The Non IT Teachers' efficiency improves when using IT tools for teaching learning process					
22	Non IT Teachers use the internet technology to enhance their subject knowledge					
23	Students use the internet technology for learning					
24	The IT tools fail very often in the school					
25	The school takes very less time to fix the issues of IT tools					
26	The government provides more supports to solve the issues of IT tools					
27	Non IT Teachers are more confident in using IT tools					
28	The government has provided sufficient IT training for teachers					
29	IT training is vital for teachers					
30	The use of IT tools in teaching learning process is very difficult for Non IT Teachers					
31	The students are enjoying using IT tools					
32	The use of IT tool for teaching learning process is cost effective because it provides more benefits than the investment					
33	The use of IT tools helps students to find better jobs in the future					
34	The society believes that the quality of education in schools which use IT tools for teaching, is higher					
35	Non IT Teachers frequently face IT related issues due to lack of knowledge					
36	IT tools help to achieve what I want in teaching learning process					
37	School has sufficient funds for the maintenance of IT equipment					
38	The students use IT equipment carefully/safely					
39	The available IT tools in your school is sufficient when compared with the number of students					
40	The IT tools motivate teachers and students to do their work					
41	Non IT Teachers like to use IT tools for teaching in the classroom					
42	The IT tools motivate students to improve the subject knowledge than the traditional learning process					
43	The knowledge of English motivate to use IT tools for teaching learning process					
44	The knowledge of English language helps to reduce the fear on use of technology					

Please indicate your level of agreement with following statements by indicating a 'X' in one of the boxes from 1 to 5 according to the following table.

1	2	3	4	5
Very low	Low	Average	High	Very High

		1	2	3	4	5
45	How do you rate the competency level of Non IT Teachers in solving IT related issues without any help of technical people?					
46	What is the level of Non IT teachers' IT knowledge to use IT Equipment & software for teaching?					
47	What is the extent of IT knowledge of students so that they can use IT tools to enhance the subject knowledge?					
48	What is the Non IT teachers' perception on the level of satisfaction in using IT tools for teaching learning process?					
49	What level of improvement in Information Technology has been achieved by schools?					
50	In your view, at which level of our education system can be placed in the use of IT tools in international standards?					
51	How do you rate the performance level of available IT tools and facilities?					
52	Does your school has adequate funds for ICT development activities in your school?					
53	At which level can we rate the IT training effect on motivating Non IT Teachers to use IT tools?					
54	How do you measure the level IT training affect on the use of IT tools?					
55	What is the level of knowledge of the English language of students?					
56	What is the level of knowledge of the English language of teachers?					

Please indicate your level of agreement with following statements by indicating a 'X' in one of the boxes from 1 to 5 according to the following table.

	1	2	3	4	5
	0% - 20%	21% - 40%	41% - 60%	61% - 80%	80% - 100%
	1	2	3	4	5
57	What is the percentage of Non IT teachers who are backward in using IT tools, because they are new to the technology?				
58	What is the percentage of teachers who believes that using IT tools is effective in teaching learning process?				
59	What is the percentage of teachers who believes that using IT tools in teaching learning process is more effective than the traditional process?				
60	What is the percentage of students who access IT tools for their learning process?				
61	What is the percentage of teachers who access IT tools for their teaching process?				

