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APPENDIX-I

Awareness towards Information & Communication Technology Scale

Instructions: A number of statements are presented below. Please consider each statement carefully and select one level of agreement for each statement to indicate how you feel by putting a tick mark 0 on the appropriate response given in your answer sheet. Use the following scale as you answer each question:

SD=Strongly Disagree, D=Disagree, U=Undecided, A=Agree,
SA=Strongly Agree

S.N.	STATEMENTS	SD	D	U	A	SA
1.	Various devices of Information & Communication Technology provide better access to information for teaching.					
2.	I would like to learn more about the use of IT in making my teaching effective.					
3.	I prefer communication through e-mails than ordinary posts.					
4.	Internet provides students with a large number of entertaining and mind stimulating activities.					
5.	It is difficult for me to use IT devices—computer, email services, internet etc. for teaching purposes.					

S.N.	STATEMENTS	SD	D	V	A	SA
6.	Internet can help me find heaps of relevant information for my teaching.					
7.	Information & Communication Technology for my teaching is worthless.					
8.	Information & Communication Technology can be used successfully with courses which demand creative activities.					
9.	Anything that a computer can be used for, I can do just as well some other way.					
10.	The challenge of learning about IT devices is exciting.					
11.	Use of computer in my classroom would help me to be a better teacher.					
12.	I feel comfortable working with a computer.					
13.	Pupils may get distracted by use of technology in the class.					
14.	Information & Communication Technology has offered a strong medium to improve teaching.					
15.	Information & Communication Technology has negative effect on human relationships.					

S.N.	STATEMENTS	SD	D	V	A	SA
16.	Information & Communication Technology training is not a priority for me.					
17.	I can never find anything relevant through Information & Communication Technology for my pupils.					
18.	I see the use of Information & Communication Technology rarely in my daily life.					
19.	Information & Communication Technology has improved the overall quality of life.					
20.	Quality of education can be enhanced through Information & Communication Technology.					
21.	Use of Information & Communication Technology increases the quality of interaction with students.					
22.	Use of Information & Communication Technology is helpful to develop confidence in students.					
23.	Information & Communication Technology has contributed to the gradual degradation of values in society.					
24.	Information & Communication Technology provides necessary instructional aids in almost all subject areas.					

S.N.	STATEMENTS	SD	D	V	A	SA
25.	Use of Information & Communication Technology is time and energy consuming.					
26.	Information & Communication Technology helps pupils acquire new knowledge effectively.					
27.	Use of Information & Communication Technology motivates the pupils to learn.					
28.	I need to develop my skills and knowledge in Information & Communication Technology for the pupils' benefit.					
29.	Information acquired through various technological devices is more accurate and reliable.					
30.	Learning through technological devices helps to link school education to real life situation.					

APPENDIX--II

Use towards Information & Communication Technology Scale

Instructions: A number of statements are presented below. Please consider each statement carefully and select one level of agreement for each statement to indicate how you feel by putting a tick mark 0 on the appropriate response given in your answer sheet. Use the following scale as you answer each question:

SD=Strongly Disagree, D=Disagree, U=Undecided, A=Agree,
SA=Strongly Agree

S.N.	STATEMENTS	SD	D	U	A	SA
1.	I prefer communication through e-mails than ordinary posts.					
2.	Internet provides students with a large number of entertaining and mind stimulating activities.					
3.	It is difficult for me to use IT devices—computer, email services, internet etc. for teaching purposes.					
4.	Information & Communication Technology can be used successfully with courses which demand creative activities.					

S.N.	STATEMENTS	SD	D	V	A	SA
5.	Anything that a computer can be used for, I can do just as well some other way.					
6.	Use of computer in my classroom would help me to be a better teacher.					
7.	I feel comfortable working with a computer.					
8.	Pupils may get distracted by use of technology in the class.					
9.	I see the use of Information & Communication Technology rarely in my daily life.					
10.	Use of Information & Communication Technology increases the quality of interaction with students.					
11.	Use of Information & Communication Technology is helpful to develop confidence in students.					
12.	Use of Information & Communication Technology is time and energy consuming.					
13.	Use of Information & Communication Technology motivates the pupils to learn.					

Need towards Information & Communication Technology Scale

Instructions: A number of statements are presented below. Please consider each statement carefully and select one level of agreement for each statement to indicate how you feel by putting a tick mark 0 on the appropriate response given in your answer sheet. Use the following scale as you answer each question:

SD=Strongly Disagree, D=Disagree, U=Undecided, A=Agree,
SA=Strongly Agree

S.N.	STATEMENTS	SD	D	U	A	SA
1.	Internet can help me find heaps of relevant information for my teaching.					
2.	Information & Communication Technology for my teaching is worthless.					
3.	Information & Communication Technology has offered a strong medium to improve teaching.					
4.	Information & Communication Technology training is not a priority for me.					
5.	Information & Communication Technology has improved the overall quality of life.					
6.	Quality of education can be enhanced through Information & Communication Technology.					

S.N.	STATEMENTS	SD	D	V	A	SA
7.	Information & Communication Technology provides necessary instructional aids in almost all subject areas.					
8.	Information & Communication Technology helps pupils acquire new knowledge effectively.					
9.	I need to develop my skills and knowledge in Information & Communication Technology for the pupils' benefit.					
10.	Learning through technological devices helps to link school education to real life situation.					

Awareness towards Information & Communication Technology Scale

Instructions: A number of statements are presented below. Please consider each statement carefully and select one level of agreement for each statement to indicate how you feel by putting a tick mark 0 on the appropriate response given in your answer sheet. Use the following scale as you answer each question:

SD=Strongly Disagree, D=Disagree, U=Undecided, A=Agree,
SA=Strongly Agree

S.N.	STATEMENTS	SD	D	U	A	SA
1.	Various devices of Information & Communication Technology provide better access to information for teaching.					
2.	I would like to learn more about the use of IT in making my teaching effective.					
3.	The challenge of learning about IT devices is exciting.					
4.	Information & Communication Technology has negative effect on human relationships.					
5.	I can never find anything relevant through Information & Communication Technology for my pupils.					

S.N.	STATEMENTS	SD	D	V	A	SA
6.	Information & Communication Technology has contributed to the gradual degradation of values in society.					
7.	Information acquired through various technological devices is more accurate and reliable.					

APPENDIX--III

Questionnaire

My self **Trivedi Mihir Chandrakant** doing Ph.D. at Saurashtra University, Rajkot as a part of my Research Wor. I want some data from you. I will give one questionnaire fill the particular and please tick [] in appropriate column. Please be assure the data will be kept confidential and will be used only in Research work.

Thanking You,
Mihir Trivedi

1. Name of the school: _____
2. Type of school : _____ 3. Medium of the school: _____
4. Name of the teacher: _____
5. Age : _____ 6. Gender : _____ 7. Category: _____
8. Degree: _____
9. Teaching Experience: _____
10. Have you taken computer training? Yes [] No []
If yes then which? _____
11. Have you own computer at home? Yes [] No []
12. Your need, use, awareness and school facility given in the table below.
Go through it.
13. Salary _____

PLEASE TICK [✓] MARK IN APPROPRIATE COLUMN

Components of ICT	I know it	I don't know it	I need to know it	I use it in the classroom	I want to use but school don't have such facility
1. USE OF COMPUTER FOR					
a. Work processing					
b. Power point					
c. Spread Sheet					
d. Access					
e. CAI & CAL packages					
f. Any computer languages					
g. Any other applications					
2. USE OF INTERNET FOR					
a. E-mail					
b. Chatting					
c. Searching					
d. Web Designing					
e. Project work					
3. OTHER EQUIPMENTS					
a. Use of LCD					
b. Power point presentation					
c. Use of OHP					
d. Use of T.V.					
e. Use of Slide Projector					
f. Use of Film Strip Projector					
g. Use of Mobile					
h. Use of Laptop					
i. Use of i-pod					
j. Use of CD, DVD					
k. Use of Tape Recorder					
l. Use of VCR					
m. Use of Woofer System					

APPENDIX - IV

LIST OF SELECTED SCHOOLS

Zone - I

1. **Nemisharnya School**
Bhavnagar.
2. **Shashvat Public School**
Bhavnagar , Gujarat
3. **Vikas Vidya Mandir**
Bhadrod , Mahuva , Bhavnagar , Gujarat.
4. **Magal Murti Vidhiyalay**
Mahuva , Bhavnagar , Gujarat .
5. **Sandipani Vidyalaya**
Bhavnagar Private 2 , Bhavnagar , Bhavnagar.
6. **Christ Sch.- Gujarati**
Bhavnagar , Bhavnagar , Gujarat.
7. **Gautam Vidhyalay**
Shihor , Bhavnagar , Gujarat.
8. **Sarsvati Vinay Mandir**

Bekdi , Shihor , Bhavnagar , Gujarat.

9. Radheshyam Vidyalaya

Sedarda , Mahuva , Bhavnagar , Gujarat.

10. Navsarjan Vidyalay

Valukad , Ghogha , Bhavnagar , Gujarat.

11. Nalanda Vidyamandir

Bhadrod , Mahuva , Bhavnagar , Gujarat.

12. Jagdish Vash Nand Vidhyal

Bhavnagar , Gujarat.

13. Swami Vivekanand Vidhyal

Vangar , Mahuva , Bhavnagar , Gujarat.

14. Adersh Vidhiyalay

Nesvad , Mahuva , Bhavnagar , Gujarat.

15. Sarswati Vi Mandir

Gariyadhar , Bhavnagar , Gujarat.

16. Nutan Sandipani Vidya Niketan

Botad , Bhavnagar , Gujarat.

- 17. Nalanda School**
Botad , Bhavnagar , Gujarat.
- 18. Dakshina Vidyamandir Sch.**
Botad , Bhavnagar , Gujarat.
- 19. Vivekanand Vidyalaya**
Bhavnagar Private 2.
- 20. Smt. M.s.lakhani Vidyalaya**
Bhavnagar , Bhavnagar , Gujarat.
- 21. Sitaram**
Rajula , Amreli , Gujarat.
- 22. Sarathi Vinay Mandir**
Dantardi , Rajula , Amreli , Gujarat.
- 23. Om Lakulish Sankul**
Rajula , Amreli , Gujarat.
- 24. Shri Balkrishna Vidyalay Katar**
Katar , Rajula , Amreli , Gujarat.

25. Manmandir

Gujarat/Amreli/Dungar

Dungar , Rajula , Amreli , Gujarat.

Zone - II

1. Shri Saraswati Vidyalay

Liliya , Amreli , Gujarat.

2. Krishna Vidyalay Khambha

Khambha , Amreli , Gujarat.

3. Sant Jatasankar Bapu

Vavdi , Rajula , Amreli , Gujarat.

4. Satyam Vidyalaya

Kumbhariya , Rajula , Amreli , Gujarat.

5. Shri Sarsvati Viddhyalay

Chavand , Lathi , Amreli , Gujarat.

6. M.k.vidhaliya Motikunkavav

Kunkavav Moti , Kukavav , Amreli , Gujarat.

7. Sandipani Vidyalaya

Kariyana , Babara , Amreli , Gujarat.

8. Saraswati Vidhaya Mandir

Gujarat/Amreli

Lathi , Amreli , Gujarat . Pin- 365412

9. Gayatri Vidhyalay

Kukavav , Amreli , Gujarat . Pin- 365450 , Post - Kunkavav

10. Center Point Vidh.

Dhari , Amreli , Gujarat . Pin- 365645 , Post - Bhader

11. Shivam Vidhyalay

Devaliya Mota , Babara , Amreli , Gujarat.

12. Gyandeeep Vidhya Mandir

Amreli , Gujarat.

13. Vinayak Vidhyalay

Savarkundla , Amreli , Gujarat.

14. Center Point Vidhyalay

Nesadi , Savarkundla , Amreli , Gujarat.

15. Ajamera Eng. Mid. School

Damnagar , Lathi , Amreli , Gujarat.

16. Gaytri Sanskar Vidyalay

Mithapur Dungri , Dhari , Amreli , Gujarat.

17. Oum Vidhyalay

Bagasara , Amreli , Gujarat.

18. Shree Uma Vinay Mandir

Devaliya Mota , Babara , Amreli , Gujarat.

19. Hina Vidhyalay

Amrapara , Babara , Amreli , Gujarat.

20. Sarasvati Vidhyalay Ch.road

Rajula , Amreli , Gujarat.

21. Prathana Vidhyalay

Narangadh , Lathi , Amreli , Gujarat . Pin- 366505

22. Sarvoday Vidhyalay

Untvad , Babara , Amreli , Gujarat.

23. Rupayatan Tecnec

Amreli , Gujarat.

24. Vivekanand Vidyalay

Amreli , Gujarat.

25. Sarasvati Vidhya Mandir

Savarkundla , Amreli , Gujarat.

Zone - III

1. Akshardeep Vidh.

Vijapadi , Savarkundla , Amreli , Gujarat.

2. Sarasvati Vidya Mandir

Mandal , Rajula , Amreli , Gujarat.

3. Sarasvati Vidya Mandir

Kovaya , Rajula , Amreli , Gujarat.

4. Alfa English

Bagasara , Amreli , Gujarat.

5. J.b.s.t. English Medium School

Babara , Amreli , Gujarat.

6. Sarasvati Vid.man.

Amreli , Gujarat.

- 7. Nutan Nalanda Vid.niketan**
Amreli , Gujarat.
- 8. Sarasvati Vidhya Mandir**
Chital , Amreli , Amreli , Gujarat.
- 9. Shri Saraswati Vidhyalay**
Ankadiya Mota , Amreli , Amreli , Gujarat.
- 10. St Xaviers High School**
Pandit Nehru Road, Jamnagar
- 11. K J Shah High School**
Theba, Jamnagar
- 12. Murlidhar High School**
Jamnagar
- 13. Anandabavan Seva Sanstha Gaushala Trust**
Limda Lane, Jamnagar
- 14. D C C High School**
Old Kumbharvado, Jamnagar
- 15. Sodha Umedsingh High School**
Jawahar Nagar, Jamnagar

16. Gyansetu Higher Secondary Schools

Surendranagar, Gujarat.

17. Ku Shivangi Nirmalsinh Zala Higher Secoschool

Surendranagar, Gujarat.

18. Matrushi Shantaben D Shiyaniya Higher Secovidhyalay

Surendranagar, Gujarat.

19. Sanskruti School Of Thoughts Higher Seco

Surendranagar, Gujarat.

20. Shree Brahmanand Vidhyalay

Surendranagar, Gujarat.

21. Shree Musheth Sa Girls Higher Secondary School

Surendranagar, Gujarat.

22. Shri Rppghs Sg Shah Higher Secondary School

Surendranagar, Gujarat.

23. Shri Ruchakumari Higher Secondary Kandya Vidhyalay

Surendranagar, Gujarat.

24. Shri Swami Vivekanand Higher Secondary Schools

Surendranagar, Gujarat.

25. Shri Swaminarayan Higher Secondary Schools

Surendranagar, Gujarat.

Zone - IV

1. A. K. Vidhyalay School

Kothariya, Rajkot.

2. Alfa English School

Kuvadva, Rajkot.

3. Amargadh School

Amargadh, Rajkot.

4. Ambition English Medium School

Madhapar, Rajkot.

5. Arjun High School

Vajdi Virda, Rajkot.

6. Ashram School Maliyasan School

Maliyasan, Rajkot.

- 7. Baxipanch Asharam School**
Kharchiya, Rajkot.
- 8. Govt Higher Secondary School**
Porbandar, Gujarat.
- 9. Municipal English Medium Higher Secondary Schools**
Porbandar, Gujarat.
- 10. Mvm Girls Secondary School**
Porbandar, Gujarat.
- 11. Rajshakha Higher Secondary School**
Porbandar, Gujarat.
- 12. Shri O N Modha Vidhyalaya**
Porbandar, Gujarat.
- 13. SMT K B JOSHI KANYA VIDYALAYA**
Porbandar, Gujarat.
- 14. A N K Mehta High School**
Porbandar, Gujarat.
- 15. Adarsh Madhyamik Shala**
Porbandar, Gujarat.

16. Adarsh Nivasi Kanya Shala

Porbandar, Gujarat.

17. Adarsh Nivasi Shala Secondary Schools

Porbandar, Gujarat.

18. Adityana High School

Porbandar, Gujarat.

19. Advana Madyamik Schala

Porbandar, Gujarat.

20. Arya Kanya Gurukul

Porbandar, Gujarat.

21. B J Bokharia High School

Porbandar, Gujarat.

22. Bansidhar High School

Porbandar, Gujarat.

23. Bhavsinhji High School

Porbandar, Gujarat.

24. Devada High School

Porbandar, Gujarat.

25. Kasturba Madhyamik School

Porbandar, Gujarat.

APPENDIX - III