Computer Use Scale For Teacher Educators (CUSTE)

Name ...........................................  Name of Institution ......................
Gender (Male/Female) ..............  Locality: Urban/Rural ......................
Discipline: Arts/Commerce/Science
Age ......................................... years
Educational Level: Ph.D./M.Phil./M.Ed ...........  Qualified NET/JRF ......................
Current Academic Status: Assistant Professor / Associate Professor/ Professor
Teaching Experience ..........  Pay Scale  ......................
Family Annual Income from all Sources ..........  E-mail ID ......................

Instructions:

- This questionnaire seeks to measure extent of computer use.
- There is no time limit to complete the questionnaire; however you are advised not to spend too much time on a single item.
- There is no right or wrong response to the items given in the questionnaire.

Example:
One item is answered below as an example for your convenience:

If you agree with the given statement, mark (√) as under:

1. Do you have own computer at home?  Yes ☐  No ☐

The information furnished by you will be kept confidential and used for research purpose only.

Thanks for your cooperation.

Dr. Manoj K. Saxena
Dean, School of Education
Head, Department of Teacher Education
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<drmanojksaxena@gmail.com>

Ms. Rajni Bala
Research Scholar
Department of Teacher Education
Central University of Himachal Pradesh
Dharamshala (H.P.)
<rajni176125@gmail.com>
COMPUTER USE SCALE

1. Do you have own computer at home?  
   Yes ☐  No ☐

2. Do you have internet access at home?
   ☐

3. Do you use computer daily?  
   Yes ☐  No ☐
   Daily Usage in Hours:  0-2 hrs ☐  3-5 hrs ☐  5-8hrs ☐

4. Do you have access to computers at university/college?  
   Yes ☐  No ☐

5. Do you have Wi-Fi facility in your university/college?  
   Yes ☐  No ☐

6. Do you have e-mail account to share information with colleagues?  
   Yes ☐  No ☐

7. Do you search and download study content from internet?  
   Yes ☐  No ☐

8. Do you shopped online?  
   Yes ☐  No ☐

9. Do you use computer in leisure time?  
   Yes ☐  No ☐

10. Do you used online social networking sites (Instant Messengers, Facebook, Viber, Hike, What’s App etc.) to communicate and sharing of study material?  
    Yes ☐  No ☐

11. Do you searched online about job opportunities?  
    Yes ☐  No ☐

12. Do you play games on computers?  
    Yes ☐  No ☐

13. Do you use internet for making financial transactions?  
    Yes ☐  No ☐

14. Do you use computer in daily classroom practices?  
    Yes ☐  No ☐

15. Do you use computer for online reservation for tickets?  
    Yes ☐  No ☐

16. Do you use digital library?  
    Yes ☐  No ☐

17. Do you use online banking to manage bank accounts?  
    Yes ☐  No ☐

18. Do you read e-magazine, e-book, e-newspaper etc. on computer?  
    Yes ☐  No ☐

19. Do you use computer to write a letter, application, report or lesson plan?  
    Yes ☐  No ☐
Computer Anxiety Scale For Teacher Educators (CASTE)

Name ............................... Name of Institution ........................

Gender (Male/Female) .............. Locality: Urban/Rural ...............

Age ................................. years

Educational Level: Ph.D./M.Phil./M.Ed ...... Qualified NET/JRF .................

Current Academic Status: Assistant Professor / Associate Professor/ Professor

Teaching Experience ............... Pay Scale ..............................

Monthly Salary ...................... E-mail ID ..............................

Instructions:

- This questionnaire seeks to measure computer anxiety.
- There is no time limit to complete the questionnaire; however you are advised not to spend too much time on a single item.
- There is no right or wrong response to the items given in the questionnaire.

Please indicate (√) for each statement, decide whether you Strongly Disagree (SD), Disagree (DA), Undecided (UD), Agree (A) or Strongly Agree (SA) with the statement using the following 5 point scale.

Example:
One item is answered below as an example for your convenience:

If you agree with the given statement, mark (√) as under:

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<th>A</th>
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<tbody>
<tr>
<td>7</td>
<td>I cannot easily use different commands of computers operating system.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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1. Thinking about a computer makes me nervous.
2. Devoting too much time on computer isolates a person from society.
3. I am not comfortable to deal with technical problems of computer.
4. Working with computers makes me feel uncomfortable.
5. If I will put a wrong command, it can delete all saved work.
6. Only intelligent persons can use the computers.
7. I cannot easily use different commands of computers operating system.
8. I usually avoid learning computer.
9. It is very difficult to work on a computer without any training.
10. I cannot be used in classroom without technical experts.
11. Dependency on computer affects logical reasoning and writing skills.
12. I will not prefer to enroll myself in a course, where I have to deal with
13. Teacher can’t facilitate collaborative learning through computers.
14. Use of computer may create problems in personal life.
15. Use of computers for office work may increase in unemployment.
16. If I begin to use computer in my daily life, it will make it complex.
17. I do not want to discuss about computers.
18. Computer technology increased workload of teacher as they have lot of routine duties.
19. Independent learning through computer can reduce importance of teacher.
20. Integrating computer in classroom is challenging for me.
21. Computer can produce electric shock while operating.
22. It is very difficult for me to learn the technicalities of a computer system.
23. Computer can solve various calculations better than human being.
24. Downloading the files from internet is complicated process for me.
25. People spending too much time on computer are simply wasting
26. Previous experience with computers hesitate me to use it further.
27. I frighten to do work on computer rather than manually.
28. Excessive use of computer may create problems in personal life.
29. Excessive use of computer can reduce the individual attention on students.
30. More dependency on computer can harm social relations.
31. While thinking to work on computer, it increases my heart beat.
32. Using a computer for learning a concept is wastage of time.
33. I am able to cope with advance developments in computer field.
34. I do not want to work on computer throughout my life.
35. Long sitting in front of computer might affect eye sight and create neck problems.
Computer Attitude Scale For Teacher Educators (CASED)

Name ……………………………… Name of Institution……………………
Gender (Male/Female)……………… Locality: Urban/Rural………………
Age………………………….years
Educational Level: Ph.D./M.Phil./M.Ed………… Qualified NET/JRF………………..
Current Academic Status: Assistant Professor / Associate Professor/ Professor
Teaching Experience………… Pay Scale……………………
Monthly Salary…………………. E-mail ID………………………..

Instructions:

- This questionnaire seeks to measure computer attitude.
- There is no time limit to complete the questionnaire; however you are advised not to spend too much time on a single item.
- There is no right or wrong response to the items given in the questionnaire.

Please indicate (√) for each statement, decide whether you Strongly Disagree (SD), Disagree (DA), Undecided (UD), Agree (A) or Strongly Agree (SA) with the statement using the following 5 point scale.

Example:
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<tbody>
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<td>Working on computer does not appeal me.</td>
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<td></td>
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1. Traditional teaching is better than computer assisted instructions.
2. Working on computer does no appeal me.*
3. Computer is an essential part of teaching-learning process.
4. Computer can enhance self-learning habits among students.
5. Without using computers in teaching, it is difficult to get optimum learning.
6. Knowledge of computer is very necessary for a teacher to be a successful teacher.
7. Being a teacher I would like to learn more to integrate computer in my teaching.
8. A teacher can manage different works effectively related to college by using computer.
9. Use of computer in classroom is demand of modern education system.
10. Computer has an important place in my daily life.
11. Computer can be a cause to ruin the thinking abilities of teachers and students both.*
12. Computer skills are also necessary with the content knowledge for a teacher.
13. Students can learn in better way if computer will be used as instructional device.
14. Preparing e-material for classroom teaching through computer is wastage of time.
15. Use of computer in my teaching hampers my creativity.*
16. Fast working and accuracy of computer facilitate me to use computer in classroom activities.
17. Computer may be impact negatively on students.*
18. Being a teacher I like to motivate my students to learn computer for their study.
19. I am unable to understand how other spent too much time on computer.*
20. I always prefer to learn more about computer because I know that it is helpful in teaching the new generation of students.
21. I feel uncomfortable while talking about computer with colleagues.*
22. Computer can make instruction complicated.*
23. Reading e-material on computer makes me happy.
24. Advent of computer in education can replace a teacher.*
25. Use of computer in teaching-learning process should be include in various teacher education program.
26. As use of e-mail and chatting is increased it is easier to communicate with colleague/peer group.
27. Developing a lesson with the help of computer for presentation in the classroom is enjoyable.
28. I always prefer to learn new software to make my teaching effective.
29. I would like to search information about the content on internet when I need to know more about computer.
30. I feel comfortable on using computer and its applications in teaching.
31. The computer skills are not necessary for a teacher to teach in a class.*
32. Computer can save lot of time and energy of a teacher in academic work.
33. I always prefer traditional teaching as I am not able to use computer in instructions.*
Computer Self-Efficacy Scale For Teacher Educators (CSESTE)

Name .................................................. Name of Institution ......................
Gender (Male/Female) ...................... Locality: Urban/Rural ......................
Age ........................................ years
Educational Level: Ph.D./M.Phil./M.Ed ............. Qualified NET/JRF ......................
Current Academic Status: Assistant Professor / Associate Professor/ Professor
Teaching Experience .......... Pay Scale ..............
Monthly Salary ................. E-mail ID ..............

Instructions:

- This questionnaire seeks to measure computer self-efficacy.
- There is no time limit to complete the questionnaire; however you are advised not to spend too much time on a single item.
- There is no right or wrong response to the items given in the questionnaire.

Please indicate (✓) for each statement, decide whether you Strongly Disagree (SD), Disagree (DA), Undecided (UD), Agree (A) or Strongly Agree (SA) with the statement using the following 5 point scale.

Example:
One item is answered below as an example for your convenience:

If you agree with the given statement, mark (√) as under:

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<tbody>
<tr>
<td>2</td>
<td>I am able to search various saved files on computer.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</table>

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Dharamshala (H.P.)                       Dharamshala (H.P.)
<drmanojksaxena@gmail.com>               <rajni176125@gmail.com>
1. I am able to create a new MS word document, enter text, and save it.
2. I am able to search various saved files on computer.
3. I am able to save documents on different drives.
4. I am able to switch the document orientation from portrait to landscape And vice versa in MS word document
5. I am able to insert videos in MS Power Point.
6. I am able to analyze the data in Microsoft excel spreadsheets by using formulae.
7. I am able to add animation in Microsoft power point presentation.
8. I am able to create hyperlinks in Microsoft excel worksheet.
9. I am able to change computer password for safety purpose.
10. I am able to delete a file permanently without sending it to recycle bin.
11. I am able to insert a signature line that specifies the individual who must sign in MS word document.
12. I am able to add a sound to play during transition between the previous slide and the current slide in Microsoft power point presentation.
13. I am able to install video driver on a computer.
14. I am able to work with programming languages like c, c++, Java etc.
15. I am able to enter text/numbers in a MS excel spread sheet and can edit it.
16. I am able to organize the position of the text by using alignment feature in MS word document.
17. I am able to insert a video in Microsoft office power point.
18. I am able to work with pivot table in Microsoft excel worksheet.
19. I am able to use cross-reference feature refers to items such as headings, figures, and tables by inserting a cross reference such as “See Table-9” or “Turn to Page 10”.
20. I am able to reinstall deleted files from recycle bin.
21. I am able to make header/footer in the typed MS word document.
22. I am able to colour the background behind the selected text or paragraph in a MS word document.
23. I am able to bookmark the pages while using internet on a computer.
24. I am able to select the margin sizes for entire section of MS word document.
25. I am able to do web designing.
26. I am able to troubleshoot successfully when basic problems with a computer occur.
27. I am able to install any software in a computer.
28. I am capable to convert MS word document in to PDF file.
29. I am able to install a printer to computer.
30. I am able to insert the current date or time in to current MS word document.
31. I am able to copy material from computer to pen drive.
32. I am able to use horizontal/vertical ruler in MS word document as per requirement.
33. I am able to move a file from one folder to another on a computer.
34. I am able to insert/delete rows or columns in a MS excel spread sheet.
35. I am able to use keyboard combinations/shortcut keys on computer.
36. I am able to insert mathematical symbols like √, ≥ etc. in MS word document.
37. I am able to make new folders and can manage different files in it.
38. I am able to add music from an external peripheral device to Microsoft power point presentation.
**Computer Use Scale For Prospective Teachers (CUSPT)**

Name .................................. Name of Institution............................

Gender (Male/Female)…………….. Locality (Urban/Rural)…………………..

Stream: Arts/Commerce/Science Educational Qualification: UG/PG

Family Annual Income…………….. E-mail ID………………………………

**Instructions:**

- This questionnaire seeks to measure computer use.
- There is no time limit to complete the questionnaire; however you are advised not to spend too much time on a single item.
- There is no right or wrong response to the items given in the questionnaire.

**Example:**

One item is answered below as an example for your convenience:

If you agree with the given statement, mark (√) as under:

1. Do you have own computer? Yes ☐ No ☐

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Thanks for your cooperation.

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COMPUTER USE SCALE

1. Do you have own computer at home?       Yes ☐   No ☐
2. Do you have internet access at home?     ☐ ☐    ☐
3. Do you use computer daily?               Yes ☐   No ☐

   Daily Usage in Hours: 0-2 hrs ☐ 3-5 hrs ☐ 5-8hrs ☐
4. Do you have access to computers at university/college? Yes ☐ No ☐
5. Do you have Wi-Fi facility in your university/college? Yes ☐ No ☐
6. Do you have e-mail account to share information with colleagues? Yes ☐ No ☐
7. Do you search and download study content from internet? Yes ☐ No ☐
8. Do you shopped online? Yes ☐ No ☐
9. Do you use computer in leisure time? Yes ☐ No ☐
10. Do you used online social networking sites (Instant Messengers, Facebook, Viber, Hike, What’s App etc.) to communicate and sharing of study material? Yes ☐ No ☐
11. Do you searched online about job opportunities? Yes ☐ No ☐
12. Do you play games on computers? Yes ☐ No ☐
13. Do you use internet for making financial transactions? Yes ☐ No ☐
14. Do you use computer in daily classroom practices? Yes ☐ No ☐
15. Do you use computer for online reservation for tickets? Yes ☐ No ☐
16. Do you use digital library? Yes ☐ No ☐
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18. Do you read e-magazine, e-book, e-newspaper etc. on computer? Yes ☐ No ☐
19. Do you use computer to write a letter, application, report or lesson plan? Yes ☐ No ☐
Computer Anxiety Scale For Prospective Teachers (CASPT)

Name ……………………………… Name of Institution…………………………
Gender (Male/Female)……………… Locality (Urban/Rural)………………
Stream: Arts/Commerce/Science Educational Qualification: UG/PG
Family Annual Income………………… E-mail ID…………………………

Instructions:
- This questionnaire seeks to measure computer anxiety.
- There is no time limit to complete the questionnaire; however you are advised not to spend too much time on a single item.
- There is no right or wrong response to the items given in the questionnaire.

Please indicate (√) for each statement, decide whether you Strongly Disagree (SD), Disagree (DA), Undecided (UD), Agree (A) or Strongly Agree (SA) with the statement using the following 5 point scale.

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<td>7</td>
<td>I cannot easily use different commands of computers operating system.</td>
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3. I am not comfortable to deal with technical problems of computer.
4. Working with computers makes me feel uncomfortable.
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6. Only intelligent persons can use the computers.
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9. It is very difficult to work on a computer without any training.
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11. Dependency on computer affects logical reasoning and writing skills.
12. I will not prefer to enroll myself in a course, where I have to deal with
13. Teacher can’t facilitate collaborative learning through computers.
14. Use of computer may create problems in personal life.
15. Use of computers for office work may increase in unemployment.
16. If I begin to use computer in my daily life, it will make it complex.
17. I do not want to discuss about computers.
18. Computer technology increased workload of teacher as they have lot
   of routine duties.
19. Independent learning through computer can reduce importance of
   teacher.
20. Integrating computer in classroom is challenging for me.
21. Computer can produce electric shock while operating.
22. It is very difficult for me to learn the technicalities of a computer system.
23. Computer can solve various calculations better than human being.
24. Downloading the files from internet is complicated process for me.
25. People spending too much time on computer are simply wasting
26. Previous experience with computers hesitate me to use it further.
27. I frighten to do work on computer rather than manually.

28. Excessive use of computer may create problems in personal life.
29. Excessive use of computer can reduce the individual attention on students.
30. More dependency on computer can harm social relations.

31. While thinking to work on computer, it increases my heart beat.
32. Using a computer for learning a concept is wastage of time.

33. I am able to cope with advance developments in computer field.
34. I do not want to work on computer throughout my life.
35. Long sitting in front of computer might affect eye sight and create neck problems.
Computer Attitude Scale For Prospective Teachers Teachers
(CASPT)

Name ……………………………… Name of Institution…………………………
Gender (Male/Female)……………… Locality (Urban/Rural)…………………
Stream: Arts/Commerce/Science Educational Qualification: UG/PG
Family Annual Income……………… E-mail ID…………………………

Instructions:

• This questionnaire seeks to measure computer attitude.
• There is no time limit to complete the questionnaire; however you are advised not to spend too much time on a single item.
• There is no right or wrong response to the items given in the questionnaire.

Please indicate (√) for each statement, decide whether you Strongly Disagree (SD), Disagree (DA), Undecided (UD), Agree (A) or Strongly Agree (SA) with the statement using the following 5 point scale.

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<tr>
<td>2</td>
<td>Working on computer does not appeal me.</td>
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3. Computer is an essential part of teaching-learning process.  
4. Computer can enhance self-learning habits among students.  
5. Without using computers in teaching, it is difficult to get optimum learning.  
6. Knowledge of computer is very necessary for a teacher to be a successful teacher.  
7. Being a teacher I would like to learn more to integrate computer in my teaching.  
8. A teacher can manage different works effectively related to college by using computer.  
9. Use of computer in classroom is demand of modern education system.  

10. Computer has an important place in my daily life.  
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12. Computer skills are also necessary with the content knowledge for a teacher.  
13. Students can learn in better way if computer will be used as instructional device.  
14. Preparing e-material for classroom teaching through computer is wastage of time.  

15. Use of computer in my teaching hampers my creativity.*  
16. Fast working and accuracy of computer facilitate me to use computer in classroom activities.  
17. Computer may be impact negatively on students.*  

18. Being a teacher I like to motivate my students to learn computer for their study.  
19. I am unable to understand how other spent too much time on computer.*
20. I always prefer to learn more about computer because I know that it is helpful in teaching the new generation of students.

21. I feel uncomfortable while talking about computer with colleagues.*
22. Computer can make instruction complicated.*

23. Reading e-material on computer makes me happy.
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25. Use of computer in teaching-learning process should be include in various teacher education program.
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27. Developing a lesson with the help of computer for presentation in the classroom is enjoyable.

28. I always prefer to learn new software to make my teaching effective.
29. I would like to search information about the content on internet when I need to know more about computer.
30. I feel comfortable on using computer and its applications in teaching.

31. The computer skills are not necessary for a teacher to teach in a class.*
32. Computer can save lot of time and energy of a teacher in academic work.

33. I always prefer traditional teaching as I am not able to use computer in instructions.*
Computer Self-Efficacy Scale For Prospective Teachers (CSESPT)

Name ……………………………… Name of Institution……………………
Gender (Male/Female)…………… Locality (Urban/Rural)………………
Stream: Arts/Commerce/Science Educational Qualification: UG/PG
Family Annual Income………………… E-mail ID…………………………

Instructions:

- This questionnaire seeks to measure computer self-efficacy.
- There is no time limit to complete the questionnaire; however you are advised not to spend too much time on a single item.
- There is no right or wrong response to the items given in the questionnaire.

Please indicate (√) for each statement, decide whether you Strongly Disagree (SD), Disagree (DA), Undecided (UD), Agree (A) or Strongly Agree (SA) with the statement using the following 5 point scale.

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1. I am able to create a new MS word document, enter text, and save it.
2. I am able to search various saved files on computer.
3. I am able to save documents on different drives.
4. I am able to switch the document orientation from portrait to landscape
   And vice versa in MS word document
5. I am able to insert videos in MS Power Point.
6. I am able to analyze the data in Microsoft excel spreadsheets
   by using formulae.
7. I am able to add animation in Microsoft power point presentation.
8. I am able to create hyperlinks in Microsoft excel worksheet.
9. I am able to change computer password for safety purpose.
10. I am able to delete a file permanently without sending it to recycle bin.
11. I am able to insert a signature line that specifies the individual who
    must sign in MS word document.
12. I am able to add a sound to play during transition between the previous
    slide and the current slide in Microsoft power point presentation.
13. I am able to install video driver on a computer.
14. I am able to work with programming languages like c, c++, Java etc.
15. I am able to enter text/numbers in a MS excel spread sheet and can
    edit it.
16. I am able to organize the position of the text by using alignment feature
    in MS word document.
17. I am able to insert a video in Microsoft office power point.
18. I am able to work with pivot table in Microsoft excel worksheet.
19. I am able to use cross-reference feature refers to items such as
    headings, figures, and tables by inserting a cross reference such
    as “See Table-9” or “Turn to Page 10”.
20. I am able to reinstall deleted files from recycle bin.
21. I am able to make header/footer in the typed MS word document.
22. I am able to colour the background behind the selected text or paragraph in a MS word document.
23. I am able to bookmark the pages while using internet on a computer.
24. I am able to select the margin sizes for entire section of MS word document.
25. I am able to do web designing.
26. I am able to troubleshoot successfully when basic problems with a computer occur.
27. I am able to install any software in a computer.
28. I am capable to convert MS word document in to PDF file.
29. I am able to install a printer to computer.
30. I am able to insert the current date or time in to current MS word document.
31. I am able to copy material from computer to pen drive.
32. I am able to use horizontal/vertical ruler in MS word document as per requirement.
33. I am able to move a file from one folder to another on a computer.
34. I am able to insert/delete rows or columns in a MS excel spread sheet.
35. I am able to use keyboard combinations/shortcut keys on computer.
36. I am able to insert mathematical symbols like $\sqrt{\cdot}$, $\geq$ etc. in MS word document.
37. I am able to make new folders and can manage different files in it.
38. I am able to add music from an external peripheral device to Microsoft Power Point Presentation.