APPENDIX I

QUESTIONNAIRE FOR FACULTY

Dear Participants,

This survey is an attempt to elicit quantitative and qualitative information regarding e-learning from participating institutions. Any information you provide in the course of this study will be treated confidentially. I would assure you that at no time will raw data be published or will you or your institution be identified. Your participation will contribute to our understanding of e-learning practices and its potential impact on teaching learning and training.

In the present study, e-learning is defined as an electronic medium which is manifested in one or more of the following forms and used in teaching-learning, training, skill enhancement, evaluation etc either through internet or intranet:

a. Digitalized course outline/lecture notes outline  
b. Official use of e-mail  
c. Official use of online discussions/blogs etc  
d. Digitalized assessment  
e. Digitalized projects announcements and submissions  
g. Virtual classrooms (VCR)  
h. Video conference  
i. Web based trainings (WBT)  
j. Fully online courses.

ALL THE QUESTIONS FOR WHICH MORE THAN ONE ANSWER CAN BE SELECTED ARE GIVEN IN BOLD STYLE

Personal Information:

Name (optional):-  
*Institution:-  
*Designation:-
*e-mail address:-  
*Gender:- □ Female □ Male  
*Official Address:-

Please provide the answers to all the questions. If a question seems not applicable to you, please enter, “N/a”. I request you to provide the answers to all the questions.

1. Do you have individual personal computers in staff room. □ Yes □ No
2. Does it have an internet connection? □ Yes □ No
3. Which of the following forms of e-learning are adopted in teaching-learning, evaluation, training etc:

☐ Intranet  ☐ e-mails  ☐ Blogs  ☐ Chats  ☐ Video Conferencing
☐ CB1 (Computer Based Training) through CDs etc  ☐ WB1 (Web Based Training)
☐ VCR (Virtual Classrooms)  ☐ Any other, please mention

4. Which of the following facilities of e-learning are currently available in your organization: (put a tick mark in appropriate boxes)

<table>
<thead>
<tr>
<th>Online Study materials (lecture notes, ppt's, etc.)</th>
<th>Online Syllabus</th>
<th>Online program information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online examination scheme</td>
<td>Online Question banks</td>
<td>Online sample question papers</td>
</tr>
<tr>
<td>e-portfolios of students</td>
<td>Online Attendance records</td>
<td>Online results information</td>
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<td>Open forums</td>
<td>Chats</td>
</tr>
<tr>
<td>Digital Libraries</td>
<td>Video Conferencing</td>
<td>Application sharing</td>
</tr>
<tr>
<td>Web Seminars</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Any Other, Please mention:

5. From which year did your institution begin to use e-learning practices in various courses (if possible, give the details course wise)

6. In which of the following programs does your institution use e-learning practices

☐ Masters Degree  ☐ Bachelors Degree  ☐ Diploma/Certificate Program  
☐ Executive Program  ☐ Any other, please mention

7. Is it mandatory for you to use the e-learning practices in teaching-learning, evaluation, training etc:  ☐ Yes  ☐ No

8. Does your institution organize any training programs for faculty with regard to e-learning:  ☐ Yes  ☐ No

9. How long have you been using the e-learning practices (in months)?

10. Which of the following points do you keep in mind while developing teaching-learning content for intranet/institution website:

☐ Students needs  ☐ Use of real time examples  ☐ Being innovative  
☐ Maintaining the course impact  ☐ Learning outcomes of the content  ☐ Any other, please mention
11. How long do you keep the teaching-learning content related to your subject posted on intranet/institution website?
   □ Through out the year  □ Six months  □ One month
   □ Any other, please mention

12. The infrastructure available in your institution is favourable for adopting e-learning practices:
   □ Strongly Agree  □ Agree  □ Neither Agree not Disagree
   □ Disagree  □ Strongly Disagree

13. Do you give any guidance to students on how to use the e-learning practices:
   □ Yes  □ No

14. How would you describe the e-learning developments in your organization?
   □ Highly Developed  □ Moderate should be developed further  □ Infancy

15. How satisfied are you with the e-learning practices of your institution?
   □ Fully Satisfied  □ Satisfied  □ Neither Satisfied Nor Dissatisfied
   □ Dissatisfied  □ Fully Dissatisfied

16. According to you, how satisfied are the students with the e-learning practices
   □ Fully Satisfied  □ Satisfied  □ Neither Satisfied Nor Dissatisfied
   □ Dissatisfied  □ Fully Dissatisfied

17. E-learning practices of the institution are helping in improving your professional efficiency
   □ Strongly Agree  □ Agree  □ Neither Agree not Disagree
   □ Disagree  □ Strongly Disagree

18. E-learning practices of the institution are helping in improving students academic efficiency
   □ Strongly Agree  □ Agree  □ Neither Agree not Disagree
   □ Disagree  □ Strongly Disagree

19. Do you feel that learning is more effective in e-learning mode than traditional mode?
   □ Yes  □ No  □ Both Are Same  □ Never Thought About It

20. According to you, the e-learning practices are
   □ Very Valuable  □ Valuable  □ Least Valuable  □ Not at all Valuable

21. According to you, who respond more or less well to greater use of e-learning at your institution?
   □ Boys  □ Girls  □ Both are same
22. According to you, which students respond more or less well to greater use of e-learning at your institution?
☐ Academically well prepared ☐ Academically less prepared ☐ Both are same

23. Indicate your familiarity with each type of e-learning tools (put a tick mark in appropriate box):

<table>
<thead>
<tr>
<th>E-learning Tool</th>
<th>Expert User</th>
<th>Use Regularly</th>
<th>Tried Once</th>
<th>Have Not Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virtual Learning Environment (Eg. WebCT, Blackboard...)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Authoring web pages (for specific learning outcomes)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video conferencing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic White Boards</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Learning Softwares/virtual tutorials</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Based Assessment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Overall how would you consider yourself in the use of e-learning tools?
☐ Developer or Champion ☐ Very Expertized ☐ Expertized
☐ Somewhat Expertized ☐ No Expertize At All

24. According to you, match the statements with ranks:

<table>
<thead>
<tr>
<th>Personal Benefits of e-learning</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spreading of information related to the content becomes easy and faster.</td>
<td>1st</td>
</tr>
<tr>
<td>Students can learn at any place, pace, and any time</td>
<td>2nd</td>
</tr>
<tr>
<td>Re-use of content</td>
<td>3rd</td>
</tr>
<tr>
<td>Easy to update the students records</td>
<td>4th</td>
</tr>
<tr>
<td>Any other, please mention:</td>
<td></td>
</tr>
</tbody>
</table>

25. According to you, match the statements with ranks:

<table>
<thead>
<tr>
<th>Professional Benefits of e-learning</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assist in maintaining transparency</td>
<td>1st</td>
</tr>
<tr>
<td>Re-use of content</td>
<td>2nd</td>
</tr>
<tr>
<td>Easy to provide additional information regarding the course</td>
<td>3rd</td>
</tr>
<tr>
<td>Can reach more students in less time</td>
<td>4th</td>
</tr>
<tr>
<td>Any other, please mention:</td>
<td></td>
</tr>
</tbody>
</table>
26. According to you, match the statements with their ranks:

<table>
<thead>
<tr>
<th>Disadvantages of e-learning practices</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>It is a costly affair</td>
<td>1st</td>
</tr>
<tr>
<td>Handling and management of content is a technical affair</td>
<td>2nd</td>
</tr>
<tr>
<td>It reduces face to face contact and interactivity</td>
<td>3rd</td>
</tr>
<tr>
<td>As the content is available online for a long time, it reduces students</td>
<td>4th</td>
</tr>
<tr>
<td>In e-mode, it is difficult to trace the students actual learning.</td>
<td>5th</td>
</tr>
<tr>
<td>Any other, please mention:</td>
<td></td>
</tr>
</tbody>
</table>

27. Do you think that your organization should share the e-learning modules with educational institutions

☐ Yes ☐ No

28. If your organization should share the e-learning modules with educational institutions, then it should be done:

☐ Free of Cost ☐ On, No Profit No Loss Basis ☐ To Generate Revenue

29. According to you, match the statements with their ranks:

<table>
<thead>
<tr>
<th>Challenges/barriers to e-learning</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students lack knowledge about how to use the e-content.</td>
<td>1st</td>
</tr>
<tr>
<td>Network access/ Usage problems (unreliable technology)</td>
<td>2nd</td>
</tr>
<tr>
<td>Students lack self motivation in using e-content</td>
<td>3rd</td>
</tr>
<tr>
<td>Securing adequate funding to maintain intranet</td>
<td>4th</td>
</tr>
<tr>
<td>Faculties lack interest and confidence to use this technology in</td>
<td>5th</td>
</tr>
<tr>
<td>Increasing work load on the part of faculties.</td>
<td>6th</td>
</tr>
<tr>
<td>Any other, please mention:</td>
<td></td>
</tr>
</tbody>
</table>

NB: The e-version of the questionnaire is given in the CD attached as Appendix-1 (E)
APPENDIX II

QUESTIONNAIRE FOR STUDENTS

Dear Participants,

This survey is an attempt to elicit quantitative and qualitative information regarding e-learning from participating institutions. Any information you provide in the course of this study will be treated confidentially. I would assure you that at no time will raw data be published or will you or your institution be identified. Your participation will contribute to our understanding of e-learning practices and its potential impact on teaching learning and training.

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- Virtual classrooms (VCR)
- Video conference
- Web based trainings (WBT)
- Fully online courses.

**ALL THE QUESTIONS FOR WHICH MORE THAN ONE ANSWER CAN BE SELECTED ARE GIVEN IN BOLD STYLE**

**Personal Information:**

Name (optional):-

*Educational Qualification:-

*Parents Educational Qualification:-

*Pursuing course:-

*e-mail address:-

*Gender:- □ Female □ Male

* Institution Address:-
If a question seems not applicable to you, please enter, “N/A”. I request you to provide the answers to all the questions.

1. How comfortable are you in working with the computers?
   - □ Very Comfortable
   - □ Comfortable
   - □ Not Comfortable

2. How many hours do you use a computer (in a week)?
   - □ More than 20 hours
   - □ Between 20 to 10 hours
   - □ Between 9 to 1 hour
   - □ Less than an hour

3. In terms of using the internet, you are:
   - □ Developer or Champion
   - □ Very Experienced User
   - □ Experienced User
   - □ Somewhat Experienced
   - □ Not At All Experience

4. Which of the following forms of e-learning are adopted in teaching-learning, evaluation, training etc:
   - □ Intranet
   - □ e-mails
   - □ Blogs
   - □ Chats
   - □ Video Conferencing
   - □ CBT (Computer Based Training)
   - □ WBT (Web Based Training)
   - □ VCR (Virtual Classrooms)
   - □ Any other, please mention

5. Which of the following facilities of e-learning are currently available in your organization: (put a tick mark on appropriate boxes)

<table>
<thead>
<tr>
<th>Online Study materials (lecture notes, ppts, etc.)</th>
<th>Online Syllabus</th>
<th>Online program information</th>
<th>Online examination scheme</th>
<th>Online Question banks</th>
<th>Online sample question papers</th>
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<th>Online Assignment feedback</th>
<th>Online tests or quizzes</th>
<th>Open forums</th>
<th>Chats</th>
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<th>Chats</th>
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<th>Application sharing</th>
<th>Web Seminars</th>
</tr>
</thead>
<tbody>
<tr>
<td>□</td>
<td></td>
<td>□</td>
<td>□</td>
<td>□</td>
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<td></td>
<td>□</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

6. The infrastructure available in the institution is favourable for adopting e-learning practices:
   - □ Strongly Agree
   - □ Agree
   - □ Neither Agree not Disagree
   - □ Disagree
   - □ Strongly Disagree
7. Do you get any guidance on how to use the e-learning practices:
   □ Yes □ No

8. How often do you logon to your institution intranet\institution web site to access its resources or information?
   □ Daily Once □ More than once a day □ Once a week
   □ At least twice a week □ Any other, please mention

9. How often the teaching-learning content related to your course is updated on intranet\institution website?
   □ Once in a year □ Once in six months □ Once in a month
   □ Any other, please mention

10. How satisfied are you with the e-learning practices of your institution?
    □ Fully Satisfied □ Satisfied □ Neither Satisfied Nor Dissatisfied
        □ Dissatisfied □ Fully Dissatisfied

11. E-learning practices of the institution are helping in improving your efficiency
    □ Strongly Agree □ Agree □ Neither Agree nor Disagree □ Disagree
        □ Strongly Disagree

12. Do you feel that learning is more effective in e-learning mode than traditional mode?
    □ Yes □ No □ Both Are Same □ Never Thought About It

13. With regard to e-learning practices, the support provided by incharge faculty member is:
    □ Excellent □ Very Good □ Good □ Bad □ Very Bad

14. With regard to e-learning practices, the support provided by lab administrator is:
    □ Excellent □ Very Good □ Good □ Bad □ Very Bad

15. Regarding the teaching-learning content posted on intranet\institution website (put a tick mark on appropriate boxes)?

    **Advantages:**
    □ It is according to students needs □ Use of real time examples
    □ Innovative □ Effective □ Any other, please mention

    **Disadvantages:**
    □ Delay in posting the content □ It is removed in a short span □ It is not updated frequently
    □ Some times it is an exact xerox copy of text/reference book.
    □ We do not have the scope to clarify our doubts □ Any other, please mention
16. According to you, match the following statements with their ranks:

<table>
<thead>
<tr>
<th>Benefits of e-learning</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ease of access of information related to the course</td>
<td>1&lt;sup&gt;st&lt;/sup&gt;</td>
</tr>
<tr>
<td>Students can learn at their own pace</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt;</td>
</tr>
<tr>
<td>Enables learning at any time</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt;</td>
</tr>
<tr>
<td>Enables learning at any place</td>
<td>4&lt;sup&gt;th&lt;/sup&gt;</td>
</tr>
<tr>
<td>Assist in maintaining transparency</td>
<td>5&lt;sup&gt;th&lt;/sup&gt;</td>
</tr>
<tr>
<td>Any Other, Please Mention</td>
<td></td>
</tr>
</tbody>
</table>

17. According to you, match the following statements with their ranks:

<table>
<thead>
<tr>
<th>Disadvantages of e-learning</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-learning reduces face to face contact and interactivity</td>
<td>1&lt;sup&gt;st&lt;/sup&gt;</td>
</tr>
<tr>
<td>As the study modules are available online for a long time. E-learning</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt;</td>
</tr>
<tr>
<td>In e-mode, it is difficult to trace the students actual learning.</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt;</td>
</tr>
<tr>
<td>Often, effective/real learning does not happen</td>
<td>4&lt;sup&gt;th&lt;/sup&gt;</td>
</tr>
<tr>
<td>Any Other, Please Mention</td>
<td></td>
</tr>
</tbody>
</table>

18. E-learning practices of our institution helped me in increasing my academic performance:
   - [ ] Strongly Agree
   - [ ] Agree
   - [ ] Neither Agree nor Disagree
   - [ ] Disagree
   - [ ] Strongly Disagree

19. Do you think that your organization should share the e-learning modules with educational institutions?
   - [ ] Yes
   - [ ] No

20. If your organization should share the e-learning modules with educational institutions, then it should be done:
   - [ ] Free of Cost
   - [ ] On, No Profit
   - [ ] No Loss Basis
   - [ ] To Generate Revenue

**NB: The e-version of the questionnaire is given in the CD attached as Appendix-2 (E)**
APPENDIX III
QUESTIONNAIRE FOR LABORATORY ADMINISTRATORS

Dear Participants,

This survey is an attempt to elicit quantitative and qualitative information regarding e-learning from participating institutions. Any information you provide in the course of this study will be treated confidentially. I would assure you that at no time will raw data be published or will you or your institution be identified. Your participation will contribute to our understanding of e-learning practices and its potential impact on teaching learning, training etc.

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a. Digitalized course outline\lecture notes outline  b. Official use of e-mail  c. Official use of online discussions/blogs etc  d. Digitalized assessment  e. Digitalized projects announcements and submissions  g. Virtual classrooms (VCR)  h. Video conference  i. Web based trainings (WBT)  j. Fully online courses.

ALL THE QUESTIONS FOR WHICH MORE THAN ONE ANSWER CAN BE SELECTED ARE GIVEN IN BOLD STYLE

Personal Information:

Name (optional):-

*Institution:

*Designation:-

*e-mail address:-

*Gender:- □ Female □ Male

* Official Address:-

Please provide the answers to all the questions. If a question seems not applicable to you, please enter, “N/A”.

1. Approximately, how many computers are there in your lab?

2. How many computers in your lab are connected in network?
3. Which type of network is maintained in your lab? □ LAN □ WAN
   □ CAN □ Any other, please mention

4. Which type of connection is maintained in the network? □ Wireless □ Wired

5. Is your network accessible to any other institutions? □ Yes □ No

6. If yes, give the names of the institutions to which your network is accessible:

7. What is the data transfer speed in your network?

8. How secured is your network? □ Highly Secured □ Secured
   □ Not at all secured

9. The internet connection in your lab is available in
   □ All the Computers □ Most of the computers □ Few Computers
   □ Very few computers

10. Which type of internet connection do you have in your lab?
    □ Dial Up □ Cable □ Wireless □ Broad band □ Any other, please mention

11. How regularly do you logon to intranet/college website
    □ Throughout the working hours □ Half of the working hours □ As and when need arises. □ I Don’t Know for Sure

12. From which year did your institution begin to use e-learning practices?

13. E-learning practices are being adopted in which of the following courses?
    □ Masters Degree □ Bachelors Degree □ Diploma/Certificate Program
    □ Executive Program □ Any other, please mention

14. What is your role in e-learning?
    □ Content Provider □ Content modifier □ Content updater □ Whole management of e-learning □ Any other, please mention

15. Please give a small description about your job i.e., area of responsibility and tasks performed by you with respect to e-learning practices.

16. Do you feel that learning is more effective in e-learning mode than traditional mode?
    □ Yes □ No □ Both Are Same □ Never Thought About It
17. According to you, e-learning is □ Very Valuable □ Valuable □ Least Valuable □ Not at all Valuable

18. According to you, **match** the following statements to the ranks:

<table>
<thead>
<tr>
<th>Benefits of e-learning</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spreading information related to profession becomes easy and faster</td>
<td>1st</td>
</tr>
<tr>
<td>Helps in being up to date with professional needs</td>
<td>2nd</td>
</tr>
<tr>
<td>Assist in development of professional skills</td>
<td>3rd</td>
</tr>
<tr>
<td>Enables learning at any place, pace and any time</td>
<td>4th</td>
</tr>
</tbody>
</table>

19. What is your opinion regarding the following statements about e-learning:

- E-learning reduces face to face contact and interactivity □ Yes □ No
- As the study modules are available online for a long time, E-learning reduces students’ interest towards the modules □ Yes □ No
- Often, effective real learning does not happen □ Yes □ No
- E-learning practices increases pressure on the original work □ Yes □ No
- In e-mode, it is difficult to trace students’ actual performance □ Yes □ No

20. According to you, **match** the following statements to the ranks:

<table>
<thead>
<tr>
<th>Problems of adopting e-learning practices</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lack of pre training regarding e-learning practices</td>
<td>1st</td>
</tr>
<tr>
<td>Network access/ Usage problems (unreliable technology)</td>
<td>2nd</td>
</tr>
<tr>
<td>Lack of sufficient technical infrastructure to promote e-learning</td>
<td>3rd</td>
</tr>
<tr>
<td>Handling and management of E-learning is a technical affair</td>
<td>4th</td>
</tr>
<tr>
<td>Any Other, please mention:</td>
<td></td>
</tr>
</tbody>
</table>

21. **Which of the following facilities of e-learning do you currently provide:**

<table>
<thead>
<tr>
<th>Online Study materials (lecture notes, ppt’s, etc.)</th>
<th>Online Syllabus</th>
<th>Online program information</th>
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<tbody>
<tr>
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<td>Chats</td>
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<td>Digital Libraries</td>
<td>Video Conferencing</td>
<td>Application sharing</td>
</tr>
<tr>
<td>Web Seminars</td>
<td>e-books</td>
<td></td>
</tr>
</tbody>
</table>

□ Any other, please mention
22. How would you described the e-learning developments in your organization
   □ Highly Developed □ Moderate but should be developed further   □ Infancy

23. How satisfied are you with the e-learning modules:
   □ Fully Satisfied □ Satisfied □ Neither Satisfied Nor Dissatisfied
   □ Dissatisfied □ Fully Dissatisfied

24. According to you, how satisfied are the students with the content posted on intranet?
   □ Fully Satisfied □ Satisfied □ Neither Satisfied Nor Dissatisfied
   □ Dissatisfied □ Fully Dissatisfied

25. How far do you agree that putting the content on intranet has helped students
   □ Strongly Agree □ Agree □ Neither Agree nor Disagree □ Disagree
   □ Strongly Disagree

26. Do you think that your organization should share the e-learning modules with educational institutions □ Yes □ No

27. If your organization should share the e-learning modules with educational institutions, then it should be done:
   □ Free of Cost □ On, No Profit No Loss Basis □ To Generate Revenue

28. To provide online courses, your institution is using:
   □ Learning Management System (LMS) □ Basic Digital Technologies
   □ Any other, please mention

If you are using LMS, give the answers to question 29 and 30, otherwise please go to question 31.

29. What are the facilities available in your LMS:
   □ Maintenance of employees records □ Maintenance of finance
   □ Maintenance of performance records □ Any other, please mention

30. Which LMS do you use?

31. Indicate your familiarity with each type of e-learning tools (put a tick proper in appropriate box):

<table>
<thead>
<tr>
<th>Expert User</th>
<th>Use Regularly</th>
<th>Tried Once</th>
<th>Have Not Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virtual Learning Environment (Eg. WebCT, blackboard, …)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Authoring web pages(for specific learning outcomes)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video conferencing</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Electronic White Boards
Learning Softwares/Virtual Tutorials
Computer Based Assessment

Overall how would you consider yourself in the use of e-learning tools?
☐ Developer or Champion  ☐ Very Expertized  ☐ Expertized
☐ Somewhat Expertized  ☐ No Expertize At All

32. What was the approximate initial cost for initiating the e-learning in the organization?

33. What is the approximate recurring cost (per month) for the maintenance of e-learning in your organization?

34. What infrastructure/resources are available for adopting e-learning practices?
☐ Multimedia Computers  ☐ Networking thorough Fiber Optics  ☐ Software Specialists
☐ Authoring tools  ☐ High bandwidth connection  ☐ Free & unlimited internet access  ☐ LMS
☐ Secured networks  ☐ Connectivity with digital libraries  ☐ Latest software  ☐ Any other, please mention

NB: The e-version of the questionnaire is given in the CD attached as Appendix-3 (E)
APPENDIX IV

LIST OF PARTICIPANTS IN THE PRESENT SURVEY

Institutions from where data was collected personally
1. National Institute of Design (NID), Gandhinagar and Ahmedabad
2. National Institute of Fashion Technology (NIFT), Gandhinagar
3. Mudra Institute of Communications, Ahmedabad (MICA)
4. Indian Institute of Management, Ahmedabad
5. Navrachan College of education, Vadodara
6. LDRP Institute of Technology and Research (Mechanical, Civil, Electronic), Gandhinagar
7. Dhirubhai Ambani Institute of Information and Communication Technology (B.Tech and M.Tech programmes) Gandhinagar
8. LD Engineering college (Mechanical, Civil, Electronic), Ahmedabad
9. Globsyn Business School, Ahmedabad
10. NIRMA (Management, Civil, Mechanical), Ahmedabad
11. Pandit Deendayal Petroleum University (PDPU) (School of Technology, School of Petroleum technology, School of Liberal Studies), Gandhinagar
12. Gujarat Law Society (GLS) (MCA and MBA), Ahmedabad

Institutions from where data was collected through E-mail
1. Atmiya Institute Of Technology & Science, Rajkot (Department of Mathematics).
2. Medical college, baroda (Department of Prevenitve and Social Medicine, department of surgery, Department ODP&SM).
6. Sigma College Of Pharmacy, Baroda.
8. Shrimad Rajchandra Institute of Management and Computer Application (SRIMCA), Surat.
10. Sardar Vallabhbhai National Institute of Technology, Surat.
INSTITUTIONS USING FULLY ONLINE MODE OF E-LEARNING THAT WERE COVERED IN THE STUDY

1. Netvarsity
2. Symbiosis
3. Aptech Online varsity
4. IGNOU (Indira Gandhi National Open University)
5. ICICI (Industrial Credit and Investment Corporation of India)
6. Reliance World
7. ICSI (Institute of Company Secretaries of India)
8. Dr. Babasaheb Ambedkar Open University
9. ICAI (Institute of Chartered Accounts of India)
10. Sikkim Manipal University