

**Annexure 1: Survey Questionnaire****Questionnaire**

Please tick the alternative that is appropriate, do not tick more than one option.

Name (Optional):

Year of Medical School: 1<sup>st</sup> / 2<sup>nd</sup> (I) / 2<sup>nd</sup> (III) / 3<sup>rd</sup> (part I) / 3<sup>rd</sup> (part II) / Interns**A] Background information**

|   |     |    |
|---|-----|----|
| 1) Sex: Male / Female   |     |    |
| 2) Stay: Mumbai (Local) / other than Mumbai (Outstation)  |     |    |
| 3) I underwent basic computer training in school  | Yes | No |
| 4) I have participated in computer course / courses before joining the Medical college                            | Yes | No |
| 5) I learnt computers on my own without any formal training course and I am confident of using basic applications | Yes | No |

**B] Computer resource assessment**

|  |   |   |
|--|---|---|
| 1) Do you have a computer of your own?   | Yes                                     | No                                      |
| 2) If yes, then which type?  | Desktop                                 | Laptop                                  |
| 3) If no, how do you meet your computer needs?   | Cyber café / college library            | Friends' PCs or departmental facilities |
| 4) Which operating system do you use?  | Windows                                 | Mac OS / Linux                          |
| 5) If yes, which windows Software do you use?  | Windows XP / 2000 / 98 / Lower versions | Do not know                             |
| 6) How much RAM do you have?   | > 256 Mb / < 256 Mb                     | Do not know                             |
| 7) Does your computer have a CD / DVD writer?  | Yes                                     | No                                      |
| 8) Do you have internet access at home?  | Yes                                     | No                                      |
| 9) If yes, which connection do you have?   | Broadband / Wireless data card          | Dial-up / cable net                     |
| 10) Do you have an email account?  | Yes                                     | No                                      |
| 11) Do you have a printer of your own?   | Yes                                     | No                                      |
| 12) If yes, of which type?   | Multifunction devices / Laser printer   | Inkjet / Others                         |
| 13) Do you have a pen drive?   | Yes                                     | No                                      |
| 14) Have you used wireless Wi-Fi technology?   | Yes                                     | No                                      |
| 15) Do you use your PC to synchronize data with other devices like cell phones / PDAs? | Yes                                     | No                                      |

**C] Assessment of computer usage**

How often do you perform the following tasks?

|  |       |                                     |   |                              |                     |
|--|-------|-------------------------------------|---|------------------------------|---------------------|
| 1) Writing texts                           | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | Never used till now |
| 2) Preparation of graphs                   | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | Never used till now |
| 3) Preparation of PowerPoint presentations | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | Never used till now |
| 4) Preparation of spreadsheet              | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | Never used till now |
| 5) Download / Install soft wares           | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | Never used till now |
| 6) MEDLINE / Google search                 | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | Never used till now |
| 7) Send emails                             | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | Never used till now |
| 8) Chat                                    | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | Never used till now |
| 9) Video conferencing                      | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | never used till now |
| 10) Download movies / songs                | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | Never used till now |
| 11) Play games                             | Daily | Not daily but at least twice a week | Not twice a week, but at least four times a month | Less than four times a month | Never used till now |

Annexure 1 contd...

**D] Transfer of data**

| How do you transfer the required data? | CD | DVD | Pen drive | E-mail attachments | Floppy | Blue tooth |
|--|----|-----|-----------|--------------------|--------|------------|
|--|----|-----|-----------|--------------------|--------|------------|

**E] Does any of the following activity help in enhancing your computer skills?**

|   |     |    |             |
|---|-----|----|-------------|
| 1) Participation in inter- /intra-collegiate events like medical symposia | Yes | No | Do not know |
| 2) Participation in ICMR / KVPY or other research projects                | Yes | No | Do not know |
| 3) Participation in preparation of college magazine                       | Yes | No | Do not know |
| 4) Gathering information required for medical study                       | Yes | No | Do not know |
| 5) Self-interest  | Yes | No | Do not know |
| 6) Using computers for entertainment                                      | Yes | No | Do not know |
| 7) Chatting with friends / relatives                                      | Yes | No | Do not know |

**F] Please let us know your opinion with regard to the following statements.**

|  |                   |          |             |       |                |
|--|-------------------|----------|-------------|-------|----------------|
| 1) Web based programs for imparting medical education need to be started by our institute            | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 2) Implementation of such programs will replace lectures and tutorials                               | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 3) Computers are for rich and not for all students   | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 4) All the students should get access to internet services in the campus                             | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 5) I would be willing to contribute a monthly rental of up to Rs. 100/- toward internet expenditure. | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 6) I would like to use a computers as a supplement to the medical education curriculum               | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 7) I would like to use email to convey my doubts to my teachers and seek answers from them           | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 8) I find computer knowledge essential for learning medicine   | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 9) Computers should be made available to all students in all the departments                         | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 10) I will appreciate if a structured computer education program is planned for me                   | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 11) LCD projection is effectively used by faculty members  | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |
| 12) There are enough opportunities in our college life to enhance computer skills                    | Strongly disagree | Disagree | Do not know | Agree | Strongly agree |

**G] We request the participants to convey their opinions, views or suggestions about computer-based learning, its introduction into traditional teaching, and improvements possible in the present teaching system. This is voluntary.**