Process Manual for developing Self learning videos:

This manual explains the process of creating Self Learning Computer Course Videos.

Currently we have created our course videos in the following languages

Hindi, English, Marathi, Tamil, Telugu, Bengali, and Oriya.

Computer Shiksha courses are divided in two levels.

1. Basic
2. Basic plus
3. Advanced

Software used

- Open Office
- Adobe reader
- Ms- Paint (Part of Windows)

MS- Paint:-

It is basically a part of windows which has drawing tools which helps you to make any kind of drawing using different kinds of tools because every tool has unique feature and has different ways of using it.

OpenOffice :-

This is freeware software which is similar to Microsoft office or MS Office. It has all features as available in MS Office.

OpenOffice has following

Text Document like Word in MS Office

Presentation like Powerpoint in MS Office

Spreadsheet like Excel in MS Office

Database like Access in MS Office

Etc,,…

Adobe Reader :-

This is also freeware software for creating PDFs of documents

There are four components which comprise the final video

- Script
- Audio
- PPT
- Video

1. Script
   Script is created by a trainer imagining as if he/she is addressing an actual class and creating interactive communication. It covers the content required to be covered in a particular class.

2. Audio

   Once a script is finalized, it is recorded and checked for audibility and then put into the final video.

3. PPT(Presentation)

   Script contains lot of concepts and those concepts need to be displayed on a screen, so a PPT is created with lot of creativity displaying words and pictures for better grasping of the concept by students.

4. Video

Lot of concepts need to be demonstrated by showing how a picture will be made or how a particular command will be executed. This is done by doing that on screen and recording that by screen casting software. So whatever a trainer is doing on screen gets recorded.

5. JPEG

This is required when we use Filmora video editor software because it doesn't support any PPT format so make sure that your presentation file is already set with accurate format so that you can get your JPEG as in PPT.

The following tools are used to create these videos

- Auda city
- Video to Video converter
- Filmora editor (known as wondershare)

Auda City:-

It is freeware software which helps you to remove unnecessary vocals or sounds from your recorded audio. However before using these audios make sure these should be in Wav format because Auda city supports only wav file format.

Video to video Converter:-

It has audio support which helps one to convert audio to any kind of audio format as per your requirement.

It also has video support meaning that, a video format can be changed into many video formats like, 3GP, Mp4, AVI.

Filmora/ Wondershare Video Editor:-

This is software which helps one to make final video and export final video in supported video format.

Basically filmora requires only 3 components for creating a final Video :-

1- Audio
2- JPEG
3- Video

Next Import all components like Audio, JPEG, Video and use these in filmora video editor software according to need and then you can export it once you have completed it.