COMPUTER SCIENCE AND ENGINEERING DEPARTMENT, 5th SEM

About Spoken Tutorial:

The Spoken Tutorial Project is about teaching and learning a particular FOSS (Free and Open Source Software) like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, LibreOffice etc. via an easy Video tool - Spoken Tutorials. Some of the salient features of SELF (Spoken Tutorial based Education and Learning through Free FOSS study) are as follows.

1. This distance education method is highly conducive to self-learning.
2. Once one gets started any student or faculty can master the FOSS and also get certificates, Silver/Learner's and Gold/Completion (based on clearing an assessment test)
3. UG, PG or Research scholar students and even teachers of Science, IT, Engineering, Commerce, Management, MCA disciplines can learn any of the FOSS.
4. Typically, the first Training at any college is of 2 hours duration. Timing is per the group's convenience.
5. To start of, any college which is organising the Training needs to get a computer lab ready with machines that support sound. There is no lower or upper limit on the number of participants. This just depends on the number of computers available. For additional participants, laptops if available can be used.
6. Support from IIT Bombay is available over Skype, in such cases the main organizer's computer should have a webcam via which the Spoken Tutorial team can monitor the Training and answer questions.
7. If the participants wish to take the test they must do so a month after the Training.

The program details are as below:

Title of program: Training on Spoken Tutorial.

Resource Organization: Computer Science and Engineering Department(CSE).

Date: 07.11.2017 to 28.11.2017 *.*

Name of Faculty Co-ordinator : Ms. Sucharita Das, Asst. Professor, CSE department.

Schedule: During Programming Practices using C++ Laboratory hours .

Venue: Object Technology Laboratory and Project Laboratory, Department of Computer Science and Engineering, SIT .

Participant Batch Year: 5th Sem Computer Science and Engineering for C and C++ .

Summary of the program:

The following points can be noted from the program

➢ At the beginning of the program an introductory speech had been delivered by S. Das, Assistant Professor, regarding the details of the training and usefulness of FOSS tools.

➢ For the C and C++ training, 94 students from 5th semester CSE department registered.

➢ During all the training sessions, audio-visual tutorials were demonstrated to all the students present. Students were also able to perform the tutorials in their pc allotted to them individually.

➢ It was monitored by the coordinator that each student was able to learn from the audio-visual tutorial and could themselves solve the assignments given there.

➢ All the students were also given the course materials and the FOSS package so that they could try themselves at home.

➢ At the end of training, online tests were organized on 15.12.2017.

➢ The faculty invigilators for the above tests are as follows:
  1. Ms. Jayashree Singha for C test.
  2. Ms. Sampa Das for C++ test.

➢ Students who scored 40% or more in the online test, were awarded with certificates from IIT Bombay.

➢ Test results were as follows:

Sl. No.	Date and Time of Test	Course Name	No. of Candidates appeared	No. of students passed	Success % rate
1.	15.12.2017 at 2:30pm	C Language	54	40	74%
2.	15.12.2017 at 3:30pm	C++	44	41	93%

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H.O.D   **Asst. Professor**
CSE/IT   **Dept. CSE/IT**
  SIT   **SIT**

INFORMATION TECHNOLOGY DEPARTMENT, 5th SEM

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3. UG, PG or Research scholar students and even teachers of Science, IT, Engineering, Commerce, Management, MCA disciplines can learn any of the FOSS.
4. Typically, the first Training at any college is of 2 hours duration. Timing is as per the group's convenience.
5. To start of, any college which is organizing the Training needs to get a computer lab ready with machines that supports sound. There is no lower or upper limit on the number of participants. This just depends on the number of computers available. For additional participants, laptops (if available) can be used.
6. Support from IIT Bombay is available over Skype, in such cases the main organizer's computer should have a webcam via which the Spoken Tutorial team can monitor the Training and answer questions.
7. If the participants wish to take the test they must do so a month after the Training.

The program details are as follows:

Title of program: Training on Spoken Tutorial.

Resource Organization: Information Technology Department(IT).

Date: 03.11.2017 to 28.11.2017

Name of Faculty Co-ordinator: Mr. Subrata De, Asst. Professor, IT Department.

Schedule: During Programming Practices using C++ Laboratory hours .

Venue: Programming Laboratory - I, Department of CSE/IT, SIT.

Participant Batch Year: 5th Sem Information Technology for C and C++ .

Summary of the program:

The following points can be noted from the program

- ❖ At the beginning of the program an introductory speech had been delivered by S. De, Assistant Professor, regarding the details of the training and usefulness of FOSS tools.
- ❖ For the C and C++ training, 41 students from 5th semester IT department registered.
- ❖ During all the training sessions, audio-visual tutorials were demonstrated to all the students present. Students were also able to perform the tutorials in their pc allotted to them individually.
- ❖ It was monitored by the coordinator that each student was able to learn from the audio-visual tutorial and could themselves solve the assignments given there.
- ❖ All the students were also given the course materials and the FOSS package so that they could try themselves at home.
- ❖ At the end of training, online tests were organized on 18.12.2017.
- ❖ The faculty invigilators for the above tests are as follows:
  - ➢ Mr. Asit Barman for C test.
  - ➢ Mr. Asit Barman for C++ test.
- ❖ Students who scored 40% or more in the online test, were awarded with certificates from IIT Bombay.

- ❖ Test results were as follows:

Sl. No.	Date and Time of Test	Course Name	No. of Candidates appeared	No. of students passed	Success rate(%)
1.	18.12.2017 at 2:00 pm	C Language	19	19	100%
2.	18.12.2017 at 3:15 pm	C++	19	19	100%

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         H.O.D   Asst. Professor
    CSE/IT Dept.   CSE/IT
         SIT   SIT