



**Progressive Education Society's
Modern College of Engineering, Pune-5**



Spoken Tutorial

The Spoken Tutorial Project is about teaching and learning a particular FOSS (Free and Open Source Software). It is the initiative of the "Talk to a Teacher" project of the National Mission on Education through Information and Communication Technology, launched by MHRD, Government of India. It offers variety of Spoken Tutorials on various Free and Open Source Software (FOSS) in various Indian regional languages. Spoken Tutorial is a pedagogical audio-visual tutorial, created using Screen cast methodology.

The main objective of this initiative is to elevate technical abilities of students and staff as per current industrial requirements with the use of such open source software.

In PES Modern College of Engineering, we started organizing the spoken tutorials from 8th June 2015. Students are encouraged to register for Spoken Tutorial conducted by IIT, Bombay. The students watch the video, of the course registered and finally give an exam for the same. If the student passes he/she will receive an e-Certificate of completion. The courses offered are C, C++, Advanced C, JAVA, Ubuntu Linux, Scilab, Python, My SQL, Pearl, LaTeX, PHP and My SQL, R Programming, Arduino and many more.

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, Silver/Learner's and Gold (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 as per the group's convenience.
5. There is no lower or upper limit on the number of participants.
6. Support from IIT Bombay is always available.

2021-22 Semester -I

Sr No.	Department	Class	Course	Number of Students Participated	Number of Students Course completed
1	E&TC	SE (2021)	C++	27	
2	E&TC	SE (2021)	Arduino	87	75
3	E&TC	TE (2020)	Python	160	69
4	E&TC	BE (2019)	PHP & My SQL	162	20

2020-21 Semester II

Sr. No.	Semester Start Date	Software Course	Class & Division	Department	Number of Students Participated	Completion Status (No. of students Passed)
1.	Jan. 15, 2021	C	FE E&TC	Electronics and Telecommunication	91	49
2.	Jan. 15, 2021	Java	SE E&TC	Electronics and Telecommunication	138	94
3.	Jan. 15, 2021	Arduino	TE E&TC	Electronics and Telecommunication	84	84
4.	Jan. 15, 2021	LaTeX	BE E&TC	Electronics and Communication Engineering	64	43

2020-21 Semester I

Sr. No.	Semester Start Date	Software Course	Class & Division	Department	Participation Count	Completion Status (Passed)
1.	Aug. 10, 2020	C	SE E&TC	Electronics and Telecommunication	93	62
2.	July 15, 2020	eSim	SE E&TC	Electronics and Telecommunication	92	48
3.	Aug. 10, 2020	Scilab	TE E&TC	Electronics and Telecommunication	101	57
4.	Aug. 10, 2020	Arduino	BE E&TC	Electronics and Communication Engineering	58	34
5.	Aug. 10, 2020	Python - Python 3.4.3	BE E&TC	Electronics and Communication Engineering	58	22