

**Title of the practice:** Certification Courses in Association with IIT Bombay Spoken Tutorials in support with TASK.

**Objectives of the practice:** The practice ensures knowledge and skill of courses beyond curriculum to be imparted to students of computer science and applications making them ready for Industry.

**The context:** It makes them industry ready with hands on experience of cutting edge technologies and higher level concepts not covered in regular classrooms. The student becomes a self learner which he can continue throughout his life.

**The practice:** The students are made to listen to Spoken Tutorials Video lectures and practice the concepts. After the course they will undergo an on line certification exam to test their understanding and grip on technology or concept In case of Global certification course of IIT Bombay, an internal faculty was first trained and further the trained faculty acts as a facilitator for interested students to undergo in house training in college. The students were encouraged to take Global certification exam with complete fee waiver being given by TASK for eligible shortlisted candidates.

**Evidence of success:** These courses added niche to the profile of the students. Students got multiple offers from different companies based on their enhanced skill in the courses covered under best practice.

Problems encountered and resources required:

- Making them to realize to put extra effort beyond curriculum was a real challenge
- Motivating students to start self learning is one big challenge.
- Encouraging them to face global level competition and high standard certification exams is another challenge.
- Sometimes proper textbooks won't be available for value added courses and relying only on online material discourages a bit for the student.
- Continuous high bandwidth internet facility would be highly solicited
- Even the faculty had to take lot of pains to learn the latest technologies which are very
- new in market and be certified at first with less peers to discuss even.