



Ref..B.P.1/C.P.C./2024/01

Date 24/06/2024

## Best Practice 1. : Unleashing the youthful potential through Skill and Entrepreneurship development programs

**Goal:** The Goal of Skills and Entrepreneurship Development Program is to provide students with knowledge, skill and aptitude fulfilling the manpower requirements of the market & industry and choosing the career of their choice through skill development.

**The Context:** The College has collaborated with MHRD, Govt. of India and IIT Bombay since 2016 and it is an ongoing course titled, "Spoken Tutorial Program/ Project" which is an initiative of MHRD Govt. of India and the part of National Mission on Education through Information and Communication Technology developed at IIT Bombay. This is a platform where students can learn and master on various programming languages and software including C, C++, JAVA, JBA, Python, PHP & MySQL, Linux, Libre office, Bash, Scilab, LaTeX, Drupal, Pearl, Neatbeans (approx 45 Programming languages and software are available to learn). All tutorials are in form of Audio-Video Content with self learning Methodology and also available in various regional languages. All course materials and merit certificates are awarded free of cost from IIT Bombay for student securing 40% and above. One student can do upto 2/3 courses per semester.

**The Practice:** The College has initiated the Add-On program since 2013 for providing skills based on the industry requirements, including online tutorials and online exams to the IT/Vocational/Management /Commerce students to enhance their skill development through hands-on-experience, explore, engage and evaluate their e-learning skills. This is also an impetus to boost the confidence of the students to become successful entrepreneur. Till date, the College has to its credit 12 batches that have completed the course successfully. With present batch all student enrollments for the courses.


The schedule for the online course is pre-planned and presently this course is offered to vocational/commerce/add-on students. The timing is fixed and the students do the course in the laboratory with the resources made available to them namely- (i) Laptop (ii) Headphone/Earphone (iii) Smartphone (iv) Register the Program/Training session is continuously monitored by the Course Co-ordinator appointed by the Principal. Students cannot enroll themselves directly; they have been enrolled by the institute for training on a particular program language/software. Courses done by the students till date are: Libreoffice, Librewriter,



Librecalc, C, CPP, Java. The students have to pay a nominal registration fee for getting them enrolled.

**Limitations:** To sharpen the communication skills among the students is challenging in some cases as their linguistics inference differs with the medium of study. Special care is taken to tutor and mentor the students who stumble in these areas. The students find it difficult to take hand-in-hand their academic pursuits with entrepreneurial skills.

**Evidence of Success:** Student enrolment and students' participation in Skills and Entrepreneurship Development Program through Spoken Tutorial Program and Add On Courses is continuously increasing. Under the efficient guidance of the Course Co-ordinator of Spoken Tutorial Program and Course Co-ordinator of the institute, the entrepreneurial skills/abilities of all students enrolled at CIMAGE have been nurtured so far. It has encouraged the tempo of innovation and enhanced the employability skills of the students. The successful completion of the course by 12 batches speaks volume of the success of the program. Merit certificates have been awarded to these students by the Institution after each batch passes out. The STP has helped the student to get proper knowledge of many programming languages and software through e-learning. Since most of the courses are job and skill oriented, many of the students have been successfully placed with leading companies. STP provides extensive programming knowledge which are highly in demand starting from Start-up's to Big MNC's. Almost all companies have started moving to open source and all the courses of STP are based on Open source (FOSS). Applying for job with a certificate of STP from IIT Bombay gives extra credit to the job applicant as it is worlds one of best MOOCs awarded by Google(Feb 2015). The College till date has to its credit 1250 number of students certified under STP, IIT Bombay.



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## **Best Practice 2 Strengthening the E-Learning Resources, leading to more efficient and widespread dissemination of knowledge**

**Goal:** To make learning material accessible, flexible, and inclusive so that education could become a powerful tool for an equal, skilled, and developed society at large

**Context:** Today's learners are engaged in appropriate, mobile, self-paced, and customized content. This need is satisfied by the online style of learning. eLearning has brought about a paradigm shift in education, offering flexibility, accessibility, personalization, and interactivity. Its cost-effectiveness and global reach make education more inclusive and empower learners from all walks of life. With its data-driven insights, eLearning is poised to reshape the future of education, providing a dynamic and engaging learning environment for learners worldwide, which is also illustrated in NEP -2020. The new normal now is a transformed concept of education with online learning at the core of this transformation. Realizing the significance and demand for online learning material, College has initiated the adaptation of the recent trends of Blended learning by combining teaching with digital tools and resources designed to deliver the best possible learning experience in the college and to the society by the open access to the learning material prepared by the teachers and students through our YouTube Channel.

**The Practice:** College adopted the online teaching-learning as the process of educating students through virtual platforms during 2019-2020. This type of teaching involved live classes, video conferencing, webinars, recorded lectures, smart board usage, YouTube videos, E-texts, E-content and E-learning platforms and other online tools. The online applications are developed and designed to facilitate easy learning and better understanding. It is the best way to create a perfect learning environment suited to the needs of each student.

**Evidence of Success:** Developing online learning material has now become a vital part of an educator at Cimage in virtual platform. These skills help a teacher to keep their classroom engaged and interested in learning. Teachers were encouraged to upload their lectures every month and are also trained in faculty development programmes on the related technologies of online teaching-learning. Most of the faculty members have their lectures on College YouTube Channel. Apart from faculty members departmental activities, competitions and alumni lectures are also available on College YouTube Channel. The College have *12K videos* on its credit with *44.3K subscribers*

### **Problems Encountered and Resources Required:**

- Digital equipment: Training in the use of digital technologies and digitally equipped infrastructure



- Tech-savvy teachers: The professional development and training of teachers in terms of developing competency to use digital technologies
- Digital content: Good Understanding of Curriculum



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