

## 7.2 Best Practices

Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link.

**1. Title of the Practice:** Certification courses in Innovation Centers

**2. Objectives of the Practice:**

1. The main objective is to provide additional skills to the students which will help them for the placement.
2. To collaborate students with the various industry initiatives

**3. Context:** - Institute has developed various innovation centers in every department to facilitate students with upcoming technologies and make use of the facility for research and development activity. These centers are over and above the AICTE requirement so no academic lecture practical scheduled on the same. These centers are maid full time available to the students for learning new things. But it is observed that many students are not participating in such activities actively. Also, many students learn and develop some skill sets but they unable to claim the same in front of other peoples. So to give them authentication and encouraging students for active participation certification programs were started.

**4. The Practice:** - With respect to the above context every innovation center started some certification courses in association with supporting industry. In the first phase students are motivated to participate in the learning process. Students who successfully completed the course undergo certification exams and those who get cleared are getting more job opportunities compared to other students. Some certification courses were started by third party agencies or supporting organizations. Some certifications were started by the Innovation center itself. Design and innovation center powered by Autodesk India Pvt. Ltd. doing certification to students with online courses and examinations started by Autodesk University. Institute also runs the Ready Engineers program powered by Tata Technologies Ltd. Students who completed the course successfully and cleared examinations got Ready Engineer certification. The Center of Excellence in VLSI and embedded system runs the courses for the students.

**5.Evidence of Success:** Students are increasingly taking interest in this practice. They are regularly attending these classes despite their packed schedule of usual classes. Similarly, other centers of excellence are working.

**6. Impact:** Number of students actively involved in learning in the innovation center. More than 200 students got certification in various courses at Autodesk University. This helps students for placement. 11 students got a placement on the basis of skill sets available in the field of design. 100 students got the certificate as a ready engineer. All students got the opportunity of placement drive organized by Tata Technology. Center of excellence in VLSI and Embedded system gave training to 50 students of Electronics and Telecommunication in association with UTL Technologies Bangalore.

**Title of the Practice:** NPTEL Awareness Program.

**Objective:-**

1. To motivate students and faculty for Self learning activities.
2. To create ICT Tool usage awareness

**3. Context:** Institute has very good academic culture. In our region institute is very well known for academics. To do improvements in academics, self learning of students is most important. Many recruiters also recognized need of self learning. In connection with this institute decided to motivate students as well as faculty members to participate in MOOC courses. Being an affiliated institute we are unable to give credit transfer benefit to student but even students provided great support to such extension activity.

**4. The Practice:** IQAC committee gave instruction for the implementation of NPTEL awareness among students. Initially institute is registered under NPTEL local chapter. Mr. G. V. Pujari working as SWAYAM NPTEL SPOC person. At institute level we created committee of NPTEL. From all department one contact person is selected who encourage students and faculty members to participate. Initially maximum focus is provided on registration for course. Then in next phase students active participation is observed. For that faculty mentors are appointed. Finally students and faculty members are motivated for registration in examination. Fee Reimbursement scheme was launched for year 2018-19 from institute side for the students who cleared the examination. Students who scored more than seventy percent marks are facilities by the institute. This also creates positive impact on student's side.

**5. Impact:** As first step of success 1505 students registered for different courses. They tried to learn the basics. Some students continued the same but few were fail to complete the same. Out of those 155 students appeared for the examination and out of appeared students 139 students cleared their examination. All students who gets cleared are facilitated by the institute. Also they got benefit of fee reimbursement.