<u>Best Practice1:</u>

1. **Title of the practice:** Dassault Systemes Training Program.

2. **Objectives of the practice:** The main objective of this Training program is to train the students in various courses like Catia, Delmia & Simulia at four levels.

3. This training program not only improves their technical knowledge but also enhance their employment opportunities.

4. **The context:** The industry has felt that the graduating engineers are having poor practical skills. To improve the skills of the budding engineers and to improve their practical knowledge so that they are readily acceptable by the Industry the State government has established a corporation (APSSDC) and many skill development centers in various educational institutions. These centers are providing training to students in various domains. The students are not only provided with theoretical knowledge but also provided with practical hands-on sessions during the training program. APSSDC or the institutions don't collect any charges from the students. They are conducted at free ofcost.

5. **The practice:** The students are motivated to participate in training programs conducted at the training center. The details of the students are forwarded to skill development center. The training session includes both theory and practical classes. At the end of the training an examination is conducted and certificates are issued to the meritorious students.

6. **Evidence of Success:** It is found that students are trained in courses which are not there in their curriculum. They are also familiar with industrial practices because they are trained by industry people and this has improved students satisfaction levels.

7. **Problems Encountered and Resources Required:** Nil

Best Practice 2:

1. **Title of Practice: NPTEL**

2. **Objectives of the practice:** To provide Students getting opportunity to attend lectures of IIT & IISC professors from their location itself. Getting doubts cleared through watching lectures for repeatedly along with a flexibility to exchange ideas of student community from different academic institutions.

3. **The context:** To have exposure to self learning in online mode.

4. **The practice:** Getting enrolled for free offered NPTEL courses of different course duration and getting certified by IITs with a nominal exam fee.

5. **Evidence of Success:** Fundamentals of the respective subjects gets strengthened their enhancing the performance level of students attempting competitive exams.

6. **Problems Encountered and Resources Required:** Some instances candidates face trouble of clash between NPTEL certification exams with their regular semester exams. Some cases, the exam center allotted to attend exam was observed to be remotely located from college premises. Resources required: No much resource required apart from a personal computer with internet facility.

Plan of action for the next academic year (in 200 words)

➢ Guest lecturers are planned for students by inviting experts from industries/organizations/ Academic Institutions.
➢ Special classes for weak students beyond the working hours were planned.
➢ GATE classes were planned for third and final year students.
➢ Faculty are motivated to publish the Research papers in reputed journals (SCI/SCOPUS/UGC etc.,)
➢ Faculty are encouraged to participate in FDP's organized by IIT's& NIT's.