

**7.2.1: Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.**

1. Drip irrigation.
2. Tutor Teacher Scheme

**Best Practices 1**

**1. Title:- “Drip irrigation”**

The college is situated in Indapur which comes under the Rain-shadow zone of India. As not much of the rainfall is occurring in this region so the efforts are taken to irrigate the plants optimally with the type of soil texture present. There are two different types of soils found in the campus, such as Murum and Red soil. Murum is characteristically the weathered rock fragments are gravel in nature with no plastic. The Murum is covered with 95 % of campus area where as the red soil is covered the remaining portion of the campus is only confined to the backwards of school. The porosity and permeability of soil is very poor because of presence of secondary minerals. Hence the drip irrigation practice is adopted for the plant and tree growth in the campus.

**2. Goal:**

- Optimum usage of water for the plant.

**3. The Context:**

- The objective of Institute to implement drip irrigation is to save water.
- Maintain the green campus so as to make healthy environment within the campus in dry area also.

**4. Practice:**

- Numbers of plants are having drip irrigation and require less attention.

**5. Evidence of success:**

- Lots of greenery is in the campus though it is in dry area.

**Problem Encountered:**

- No problems are encountered.

## **Best Practices 2**

### **1. Title:- “Tutor Teacher Scheme”**

The Institute has a well established Tutor Teacher system. At institute level a committee is constituted to conduct Tutor activities. As per the academic calendar of the Institute planning of tutor activities is done at the beginning of every semester. The Tutor activities include with academic and non academic issues in the college. The Tutor activities are conducted as per the schedule prepared in the beginning. Included with Class coordinators, individual teachers are assigned for one batch of students for personalized attention and counseling. A tutor teacher takes care of the overall development of the each student till he/she passes out from the Institute. Tutor meetings are arranged once in a week. If Tutor recognizes any academic and nonacademic issue of the student, necessary solution is immediately obtained with central meeting of higher authorities.

### **2. Goal:-**

- To solve academic issues of the students.
- To solve non academic issues of the students.
- To monitor overall progress of students during their graduation.
- To motivate the students for different extracurricular activities.

### **3. The Context:-**

- The objective of Institute to implement Tutor ship scheme is to provide training and guidance to undergraduate students in all disciplines, increase the participation of all undergraduate students from first year engineering to final year engineering in the different activities conducted by the Institute, which will be useful to them in their life after graduation.
- Another objective is to create healthy environment within the campus so students can focus on their development rather than focusing on issues in institute.

### **4. Practice:-**

- In the Tutor ship scheme a tutor teacher is assigned with a group one batch of the students.
- Tutor teacher supports and encourages the students under their assigned list, in various academic and non academic activities. Along with these activities, Tutor

has to keep the academic record of the mentees allotted to him in terms of their monthly attendance; academic results etc and inform the same to the parents while at the time of parent meeting.

**5. Evidence of success:-**

- Parents were happy to have a system where, the overall progress of their ward is monitored and informed to them timely right from the first year till the candidate completes his/her engineering.
- There is a marginal increment in the number of students participating in various events held within and outside the college, since the implementation of Tutor ship Scheme.

**Problem Encountered:**

- Students are not talkative as college is in rural area.
- We have to spend more time to gain trust from students to discuss their problems.

**Any other information regarding Institutional Values and Best Practices which the university would like to include.**

- Continuous monitoring of progress in syllabus completion through online academic activity report.
- Monitoring of students performance in mid-term exams, attendance, arranging Student Interaction and Counseling etc.
- Taking regular student feedback oral and online on effectiveness in teaching.
- Equipped the class rooms with LCD etc.
- Encouraged the students to undergo internship during winter and summer vacation.
- Motivated the faculty to attend various quality FDP/STTP/Workshop conducted by AICTE/UGC /Government etc.
- Building theoretical and Practical skills in the student.
- Student development cell- Given online platform to students to learn and share their knowledge and Practice Outcome based teaching methodologies.
- Few of the departments have arranged virtual industrial visit and interacted with industries and undergo online training. So that they can get practical knowledge about their subjects.
- For professional development, college has many professional bodies like ISTE students' chapter, IE students' chapter and CSI student chapter.
- Faculties are encouraged to develop E-Content and share among students due to need of online teaching in Pandemic situations.