

7.2.1.1 TITLE: AGRICULTURE BASED PROJECT WORK (Best Practice -1)

7.2.1.2 OBJECTIVES OF THE PRACTICE: Institute focuses on agriculture based project work for final year students where, the objective of such practice is fourfold.

- 1) To reduce manual work in agriculture
- 2) To increase interaction between farmers and faculties to solve the actual problem
- 3) To design and manufacture agriculture equipments at low cost
- 4) To reduce cycle time of various agriculture operations.

7.2.1.3 THE CONTEXT: The recent era in agriculture is development needs equipments that will give benefits to farmers at low cost. The institute is committed by its vision to serve society through design and manufacturing of agriculture based equipments.

7.2.1.4 THE PRACTICE: The institute is situated in rural area and also 70 students of institute belong to farmer families. So student of institute are in contact with farming problems and different practical issue in farming. Also farmers help is taken for defining actual problem. So project work is based on actual farming issues which will be helpful for farmers after problem. Sangli district has distinct climate for different tehsils. The main agriculture products are turmeric, grapes, sugarcane, corn, soya bean etc. So majority of project work is carried out for improvement of operations for this crops and fruits.

7.2.1.5 EVIDENCE OF SUCCESS: More than 50 academic projects based on real-time challenges faced by agricultural and food related personnel were allotted to final year undergraduate and post graduate students. Near about 25, of the conducted projects, got funds/sponsorship worth 2 lakhs from private owners who industries belong from agriculture and food sector.

7.2.1.6 PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED: Time constraint for completion of the activity due to overlap of other activities.

7.2.2.1 TITLE: STUDENTS INFORMATION MANUAL: (Best Practice -2)

7.2.2.2 OBJECTIVES OF THE PRACTICE: One of the institute's quality policies is to give every possible facility to student, faculties and staff so that they can deliver the best and create the highest standards in education. Therefore, A booklet called the "Students Information Manual" (SIM) was developed in 2013 to enhance the quality policy and for the benefit of students and teaching faculties.

7.2.2.3 THE CONTEXT: The SIM comes in a printed booklet form and provides all possible information to maximize the learning quality of the student. Different booklets are printed in each department and in semester-wise manner. Inside the booklet the information a student and teacher can find, will be about, the students role and the departmental regulations, the academic courses and the course learning objectives and outcomes, the classroom and laboratory instructions, etc. In addition to such information, it also includes practical plans for achieving the learning objectives in timely manner. For example it consist of the departments academic Planner, the syllabus structure and the course details, with simplified teaching plans on to be conducted lectures and laboratory experiments. Templates of self assessment rubrics, are also included in the booklet, where, students can self assess their courses, industrial training reports, term projects and term-work. Finally The SIM also includes a page where and when possible the student can record information on activities such as counseling, co/extra curricular, and leaves.

7.2.2.4 THE PRACTICE: Different booklets are printed in each department in semester-wise manner. Each class teacher presents the booklet to the class students during the first class of the new semester, at free of cost. The booklets are also given to the teaching faculties so they can refer to it and plan their teaching activities in accordance to the plan specified in the booklet. The HOD with concerned staff makes minor revisions in the booklet contents on yearly basis and a major revision is done when the change of syllabus cycles occurs.

7.2.2.5 EVIDENCE OF SUCCESS: Since its introduction in 2013, up to 100 completion of syllabus in timely manner has been observed in majority of cases. Also an increased trend in percentage of passing and course excellence has been observed.

7.2.2.6 PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED: Matching the dates for conducted lectures over the planned ones is very challenging to achieve.