## Best Practice no. 1

## Title: Costing of laboratory work by students.

**Goal:** The chemistry subject required expensive glassware, equipment's and chemicals which increases cost of education. Chemistry students after graduating either pursue higher degree or join industry. It is felt that an exercise of preparing the costing of their laboratory work. The aim of the practices was to make the learner appreciate costing involved in performance of experiment in laboratory. The need for proper maintenance of laboratory equipment, instruments used chemicals etc. were included as the parameters.

**The practice:** The practice involves the students in B.Sc. are divided into suitable groups of up to eight students per group. Each group is assigned to a given faculty member. The given faculty member identifies an experiment or group of experiments as required for determination of costing of the same. The concerned faculty then prepares various probable parameters that could be considered for this exercise. Thereafter, the students in a given group and for the given experiment or group of experiments prepare costing sheet for the same. The concerned faculty then prepares various probable parameters. Thereafter, the students in a given group and for the given experiment or group of experiments prepare costing sheet for this exercise. Thereafter, the students in a given group and for the given experiment or group of experiments prepare costing sheet for this exercise. Thereafter, the students in a given group and for the given experiment or group of experiments prepare costing sheet for this exercise. Thereafter, the students in a given group and for the given experiment or group of experiments prepare costing sheet for this exercise. Thereafter, the students in a given group and for the given experiment or group of experiments prepare costing sheet for this exercise.

**Evidence of success:** Since the practice is primarily qualitative, it is somewhat difficult for objective assessment of success made. However, there is increase in care taking in handling of materials and instruments. Also decrease in requirements of at least consumable items in the laboratory shows that the practice is appreciable, successful.

## Best practice no. 2

## **<u>Title:</u>** Funding of research projects.

**Goal:** To develop culture of research among teachers and students. Research is important in education; an attempt is being made by this practice to encourage research culture in academics by inculcating a spirit of enquiry and process building amongst teachers especially the new entrants and students. This is achieved by way of research projects; the institution supports these new ideas by providing instrumental and even financial support so that the staff members as well as students can present or publish their findings.

<u>Context</u>: The location of the college is predominantly rural based. Many of the staff of the college are new entrants in the teaching field. So, the management decided to introduce a budgetary provision to finance research activities of teachers as well as students.

<u>The practice</u>: On the basis of recommendations of the research committee of the college the staff members and students are encouraged to submit a research proposal for funding. The proposals are discussed and decided upon by the research committee which recommends a financial grant of up to Rs. 5000/- for a given research project. The concerned investigator of a given research project are expected to submit their findings to the research committee apart from making presentation to the general staff and also to publish their findings in an appropriate publication.

**Evidence of success:** The success of this practice may be seen in the increase in the number of teaching staff undertaking research projects that has increased in the number of publications and presentation of the college.