

# **BEST PRACTICE I**

## **INCULCATING THE VALUE OF RESEARCH AMONG UNDERGRADUATE STUDENTS**

### **1. Title of the Practice**

Inculcating the value of research among Undergraduate students

### **2. Objectives of the Practice**

Provision for research project at UG level will enable the students to

- Adopt a scientific approach to the study of any problem.
- Develop analytical skills for data collection/experimentation and analysis of data
- Learn how to prepare a scientific report and
- Develop an aptitude for research

### **3. The Context**

Students at UG level generally grasp only limited knowledge through lectures in class rooms, practicals in laboratories and reference work in libraries. This does not expose students to real life situations of research. Hence, the adoption of scientific techniques, for acquiring knowledge becomes essential for students. The adoption of participatory approach in learning, whereby the students involve themselves in identifying a problem, analyzing the causes and finding the solution objectively will have a positive impact on the students and will make the learning process more meaningful and interesting. Hence, initiatives were taken to include research project as a add-on component in the curriculum for all students at the Under Graduate (UG) level.

### **4. The Practice**

Allotment of Teacher Guide: For every project Independent faculty will be allotted as a teacher-guide based on the area of interest of faculty. The student will constantly interact with the teacher guide at every stage of the project work. Normally a teacher will be given maximum five students for project guidance.

Choice of a Research Problem and Presentation of Project Proposal:

The students have to choose a project work and submit a proposal after the careful review of available literature. The Project Proposal is approved /modified by taking into consideration of the availability of resources, time constraints, financial implications and the complexity of the project.

#### Collection of Data/Experimentation and Analysis of Data:

Once the project proposal is decided, the students work on their project by collecting required information from sources. The data collected by the student will be tabulated, analysed and interpreted logically using various research tools / techniques and supporting evidence from the literature.

Submission of Project Report and conduct of Viva-voce: At last report of the project work will be submitted by the students as a partial fulfillment of the requirement for the undergraduate degree.

Continuous internal assessment is done by the faculty guide at every stage of the project in Review and research committee meeting in context of sources, literature review, methodology, data collection, technical accuracy, content of the report and bibliography.

#### **5. Evidence of Success**

The Project work carried out by the students develops self-confidence for independent research project work and motivates them to take up further research projects at PG level. The feedback collected from the students about project work shows that project work at UG level has helped them to develop scientific approach and has enhanced their understanding of the subject. It is seen that even an average or poor caliber student is able to do well and get a sense of achievement through the project work.

#### **6. Problems Encountered and Resources Required**

Students at UG level have fear to take up a project work. The students were able to overcome their fear when they take up a project work. Language difficulty, lack of analytical thinking and financial problems were identified as problems for some students and they were addressed properly.

#### **7. Notes (Optional)**

Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).

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

## **BEST PRACTICE – 2**

### **PRENATAL & POSTNATAL HEALTH CARE**

#### **Objectives:**

To assess and evaluate knowledge, attitude and practice on Prenatal & Postnatal health care among rural pregnant women

#### **The Context:**

The objective was to ensure and promote pre and postnatal health and hygiene among rural population and to fill the gap in the provision of primary health education.

#### **The Practice:**

##### **Scope:**

Applicable to the child bearing aged and pregnant women of the adopted village (Siddapur) for health awareness purpose

#### **Responsibilities:**

- NSS unit
- Assigned institute department and supported by CPETS (Continuing Pharmacy, Education, Training and services) Unit.

#### **Procedure:**

The assigned department of the institute visited the adopted village according to the planned schedule in rotational basis to meet the objective of best practice. A total of 27 pregnant women participated in the pre and postnatal health care program and were presented to interact with the resource team comprising of OBG professional and student interns. All the participants

were assessed for the knowledge and practice with respect to pre and post natal health care at base line and were successfully intervene for knowledge, attitude and practice component relevancy. The participant was successfully followed up for next scheduled visit to apprehend their understanding and practice with regards to pre and post natal health care and was evaluated to assess the impact and outcome of the proposed educational awareness program.

**Evidence of Success:**

The activities performed were documented to evaluate the impact and outcome of the objectives framed.

**Problems Encountered and Resources Required:**

Initially the participants were reluctant to participate which was more of a awareness deficit issue among rural population but after initial hesitant participant came forward to participate in the program. The team utilizes the resource of professional OBG medical team which was gathered and contributed by the institute and was thoroughly assisted by college interns student to reach out to participants with program objectives.