

## **Best Practice 1 :**

### **Title - Promotion of Quality Research in the institution by college management**

#### **Objective**

- To establish research culture in the campus
- To enable faculty to undertake research projects useful for the society
- To create interest in students towards research
- To enhance the level of professionalism in the faculty

#### **Context**

In the field of higher education, colleges need to promote both teaching and research simultaneously to impart quality education to students. Educators need to constantly engage in research to improve the teaching learning experience in the campus and to provide updated knowledge to students. In this regard the college management has an important role to play as a facilitator to promote quality research in the institution.

#### **Practice**

The college management empowers faculty to take up research activities in the college. It provides all the support in the form of space, infrastructure or administrative assistance to the faculty who are associated with research work.

The college has undertaken many research projects funded by UGC/ University/ Govt. The college management encourages all faculty members to pursue M Phil, PhD and Post Doctoral research as Research Guides.

The management also encourages faculty to participate /present papers at national /international seminars and conferences.

The college gives the following incentives to the faculty members who attend National/ International symposia, seminars, workshops and conferences to present their papers

- The college gives financial support in the form of Registration fee and T.A for faculty members who attend seminars and conferences.
- The college provides on-duty permissions.
- Every year, on Teacher's Day, the college felicitates those who have published research papers and books.

#### **Evidence of Success**

- a) Faculty strength of the college is 124, out of which 39 are doctorates, 22 hold MPhil degrees and 10 are Research Guides. The college offers 12 UG courses and 5 PG courses and offers PhD in the discipline of Microbiology. The college management extends wholehearted support to the faculty in all their research endeavours in the form of infrastructure, advisory and administrative support.

- b) **Dr GSVRK Choudhary**, Department of Physics had submitted a minor research project proposal to UGC titled - “Development of nano magnetic material suitable for medical applications using modified sol gel method”. The above research project got a UGC sanction of Rs.3,48,000.
- c) Six science departments of the college ie. Biochemistry, Chemistry, Computer Science, Mathematics and Statistics, Microbiology, Physics and Electronics have been selected for the **Star College Scheme – DBT, New Delhi** for financial support to strengthen interdisciplinary research and scientific temperament among students.

### **Problems encountered and the resources required**

- a) To raise funds for the minor and major research projects proposed by the faculty.
- b) To provide the required lab facility, space/ infrastructure /other support required by the faculty for research work.
- c) To maintain a balance between the teaching hours allotted and the time needed to pursue research.

### **Best Practice 2**

#### **Title- The College Faculty as a Sponsor of Student Scholarships**

##### **Objectives**

- To provide financial assistance to needy students.
- To encourage meritorious students to excel in academics.
- To encourage student achievers in the fields of sports and NCC.

##### **Context**

Every year many students apply for financial aid to pursue their studies in the college. The applications undergo a verification process before scholarships are granted.

Scholarships are also given with the objective of motivating students to excel in the fields of academics and sports.

##### **Practice**

The college is very grateful to the various charitable organizations/trusts and individuals who have been generously contributing for a noble cause, sponsoring scholarships for both UG and PG students of the college.

Another unique feature and best practice that the college takes pride in, is that the Principal of the college along with the Vice-Principal and a number of senior faculty have enlisted themselves as sponsors towards student scholarships. The faculty also play a major role in the

identification, verification and processing of student applications for scholarships / financial assistance.

Merit cum means scholarships are given every year on the annual day function to student achievers who have excelled in the field of academics, sports and NCC.

### **Evidence of Success**

- a) Every year the college offers merit cum means scholarship for meritorious students who are economically backward. A committee is constituted for the purpose to verify the student applications to award scholarships on the basis of their family annual income, academic performance and attendance.
- b) In the year 2018–19, a total of Rs.1,40,000 was extended as scholarship amount to 20 UG students and 5 PG students.
- c) The college felicitates students who have excelled in Sports / NCC at international / national /university level and they are given cash awards on the annual day function.
- d) In the year 2018–19, an amount of Rs 2,28,000 was given as cash award to 55 students.

### **Problems encountered and the resources required**

- a) The college needs more funds / sponsors every year so that it can reach out to more students and assist them.
- b) The college being a private institution depends heavily on trusts and private individuals for contributions.