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Department of Mathematics

Best Practices

Best Practice No. 02

1. Title of the Practice

Facilitating Research Culture in Department

2. Goal

- ★ Promoting research activities in the department.
- ★ Involving students in research.

3. Context

Since life without research is hard to imagine, research is the backbone of any HEIs. Teaching and research are complimentary to each other; they must go hand in hand. Research always inspires us to take problems and difficulties head on. Minor and major research projects promote research in the teachers. If a teacher is continuously engaged in research, he contributes significantly to his students. A research scholar applies research methodology to solve the small and big problems that he encounters in and out of the classroom. When teachers participate in seminars and conferences, they refresh their knowledge. A collaborative outlook develops. It encourages them to write research papers for journals.

4. The Practice

So far, 01 proposal for minor research projects were prepared and submitted to UGC. 01 minor research projects were sanctioned and completed. 01 national conference was organized in the year 2013-14.

5. Evidence of Success

- ★ 21 research papers were published in international journals in the year 2016-21.
- ★ 01 conference was organized through UGC financial assistance.
- ★ 01 teacher is pursuing research leading to Ph.D.

6. Problems encountered

- ★ It is difficult to motivate all the teachers to identify their research area at a time, when research does not motivate them.
- ★ Recognized research supervisors are limited in number. Teachers feel it difficult to get a research supervisor.
- ★ Some teachers feel that research is their personal matter and hence it is not to be expected and made mandatory.
- ★ Limited opportunities of government sponsored research projects often deject the aspiring researchers as their genuine research projects are often rejected.
- ★ Sometimes institutional formalities create difficulties for a researcher to pursue his research.