

BEST PRACTICE – III

1. TITLE: RESEARCH AND CAPACITY BUILDING INITIATIVES

2. **GOAL:** The College has built a foundation for research and capacity building within its own limit and capabilities. The aim of the practice is:

- To be a center of research and as noted in the college vision and mission.
- To provide a good environment for research and consultancy.
- To provide good exposure to faculties in terms of knowledge and knowhow by organizing seminars and workshops.
- To allow faculties to go for higher studies. A good quality teacher leads to good quality education.
- To encourage and expose the students to higher level of studies for their future studies.

3. **THE CONTEXT:** The College encourages research and academic developments and it promotes research activities in terms of doctoral studies and research projects. The college has 104 regular faculties out of which 60.57 % (63) are doctorate degree holders; 5 M. Phil and 34.61 % are P.G degree holders. Out of the PG degree holders 53.8 % currently pursue their doctoral studies. The principal encourages every faculty to join doctoral studies. Currently there are 36 research projects (12 major and 24 minor) from various funding agencies. The challenges within the state are research initiatives at a college level and creating infrastructure for research activities. Quality maintenance of research equipment also provides a challenge due to remoteness of the state. The college also organizes 2 international and 24 national level seminars workshops etc. for students and faculty exposure. The main challenge in organizing such programmes is the travelling expenditure of the participants from other states due to remote location of the State.

4. THE PRACTICE

On research

- Research mentoring and sensitization programmes are organized.
- The Principal encourages faculties to pursue higher studies.
- Guest/Temporary faculties are engaged for faculties pursuing higher studies whenever necessary.
- Faculties are encouraged for faculty improvement programme in National/International institutes.
- Faculties are encouraged to apply for research projects
- Project committee is created to facilitate and monitor research programmes.
- IQAC also provides necessary information to faculties regarding research projects.
- Necessary infrastructure and laboratory renovations are done to aid research activities.
- Research instrumentations center is created to aid research activities.
- The college provides 24x7 power supply for research activities.
- The college library subscribes journals and purchase books for research.
- Timely release of funds for research activities.
- Good water supply for research activities.
- The college applies funds from State government.

On Capacity building:

- All departments are group into two departments each to apply funds from funding agencies to organize National Level Seminars.
- All departments have organized at least one Seminar/Workshop during the assessment period.
- Faculties are encouraged to present papers in National and International conferences/seminars etc.

- Departments are encouraged to organize programmes inside the college to provide more exposure.
- Students are encouraged to participate in these programmes.
- Eminent persons are invited to deliver special lectures.
- Necessary infrastructures and equipments are provided to organize such programmes. To accommodate such programmes two seminar halls are created.

Constraints and limitations:

- Though the college has a Research and instrumentation center the space is very limited to cope with the research activities of the college.
- The other limitation is the limitation by the university which does not allow direct supervision of PhD students.

4. EVIDENCE OF SUCCESS

- Research Findings & Publications: Faculties published their findings in National and International Journals. Major achievements of research activities are as follows - discovery of new species of animals, landslide and disaster management, antimicrobial screening, diagnoses of diseases, pest management etc.
- Research Funding: The college has 16 research projects in the first cycle of NAAC assessment with the total amount of Rs.28,07,750. The number of research projects has been increasing ever since, and in the second cycle of NAAC assessment the college has 36 research projects amounting to Rs.2,83,81,370. The college also hosts two Women Scientist sponsored by DST. The college also promotes research by providing funds to faculty members with a maximum ceiling of Rs. 50,000 (Fifty thousand). Student project work has been started under Certificate Course in Pisciculture, DBT STAR College Scheme and through Institutional Biotechnology Hub.
- Research Scholars: The College also has 10 students under the joint Supervisor ship of faculties within the college. Recently two students under joint supervisor ship are awarded PhD degree.
- Seminars & Workshops: The College also organizes a number of International and National level seminars workshops etc. for students and faculty exposure.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:

- The main problem faced is that the University does not allow direct supervision of PhD students.
- There is no provision for PG studies in the college.
- Other limitation is the funding for the construction of Research Instrumentation Centre. The college constructed the center with its internal fund.
- The remoteness of the location of the state sometimes hampers the availability of nationally renowned scholars and eminent scientist to participate as resource persons in the college organized programmes.

7. CONTACT DETAILS

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