

School of Biotechnology, DAVV, Indore

Yearly Plan for IQAC 2009-2010

Preparation of Course curriculum:

School is running Two post graduate programs viz. M. Sc Biotechnology and M. Sc. Genetic Engineering. Our Biotechnology program is duly recognized and sponsored by the Department of Biotechnology, Ministry of Science & Technology, Government of India, New Delhi (DBT). Therefore, we try to follow the guidelines provided by the DBT for running this course. Both courses have theory as well as practical type subject learning outcomes. In each semester we are having 4 to 5 papers of 03 credits each (three hours theory for each per week) and 10-12 credits laboratory work (20-24 hours per week). We give various type of assignments to the students regularly. In the year 2009-2010 School will offer one more postgraduate course, M. Sc. Bioinformatics (For details, Ordinance No. 144 is there). The intake strength for this course will be 24 and in this course 4 to 5 papers per semester will be taught. Besides, emphasis will be more on practical approach.

Strategies of teaching learning

School uses both MMP and blackboard teaching. Besides, School has well equipped laboratories, which help the students to understand the actual know how of the biological systems particularly students themselves perform experiments on the sophisticated and costly instruments. Besides, during 2009-2010 we plan to enhance the teaching learning process by adopting *in situ* learning for which students will visit the biotech industries/ research Institutes/Organizations for study the actual application of various biotechnological processes.

Student feedback system design

During 2009-2010, School expects more faculty members so the student feedback system will be designed in such a manner that regular assessment of faculty members will be done. In addition to semester end feedback form submission, we plan to arrange students teachers meeting for discussing their problems regarding teaching and research during the semester to resolve the problem(s) , if any.

Collection of feedback and its analysis

Presently, School is regularly (at end of semester) collecting the feed back forms (provided by university) from the students. In the year 2009-2010 School is planning to do more specialized feedback system. We plan to incorporate the questionnaire 1, 2 & 3 (provided by IQAC) along with previous feed back form.

Format of analysis

The IQAC committee of the School will analyze the development of all quality related parameters. Regular meeting will be arranged to discuss the progress and students' participation in quality assurance will also be incorporated.

Improvement plan

Plan on improvement in Infrastructure:

School has started one more PG course from 2009-2010 session. Therefore, school plans to enhance its present infrastructure. School plans to establish one well-equipped computer laboratory for Bioinformatics students. School is having more than 1800 books in its departmental library, therefore, we plan to develop one well maintained library cum study hall. Due to scarcity of staff (full time librarian) we are not able to do it so. We also plan extension of the building.

Plan for research activity & promotion:

School is having MoU signed with some premiere research Institutes like NCCS, Pune and Jain Agri-biotech, Jalgaon. We plan to enhance the interaction from such research Institutes. Department is expecting some regular faculty members in the year 2009-2010. After getting more regular and contractual faculty, School may get more funds from research projects from various funding agencies. The increase in number of regular faculty will also be helpful for the promotion of research activities.

Plan on improvement in Relationship with stakeholders:

School organizes Parent-teachers meet regularly that will definitely improve the relationship with them. School plans to increase the number of meetings of parents-teachers, teachers-students (besides the class), teacher-teacher so that interaction among them will definitely lead to improvement in the quality of the School. School also plans to start formal Alumni from this year and it is expected that regular meetings of alumni will help in the further development of the School. Here, it is pertinent to mention that even under present stringent conditions, School's recognition is well established globally (due to its quality research and teaching). Even Nobel laureates have recognized the contributions of this School.