

Quality Assurance of Chemistry Department through students' participation in NAAC Accreditation

Snehal R. Khandekar¹, D.M. Chavhan²

¹Assistant Professor, Department of chemistry, Indira Mahavidyalaya, Kalamb, Dist. Yavatmal

²Assistant Professor, Department of chemistry, Indira Mahavidyalaya, Kalamb, Dist. Yavatmal

Email : snehalkhandekar18@yahoo.com Mob. 8698666107

Abstract :

This research paper basically focused on the feedback system conducted for the students through which we can make the quality development in the chemistry department which is very important for the quality assurance while facing the NAAC.

Keywords: Feedback system, Quality Assurance.

Introduction :

As India has the second largest educational system in the world, so focusing on quality, access and relevance of higher education to achieve the sustainable economic development of the country should be our prime national priority. To improve the experience of the learning communities NAAC plays a larger role in quality assurance of the chemistry department. To achieve this goal, while the participation of all stakeholders is essential, the involvement of student participation in the departmental quality enhancement processes is decisive and invaluable. The NAAC plays the role of a catalyst which combines the efforts of all stakeholders, namely- the government, the management, the teacher, the parents, the society and the student. NAAC always promotes the participation of students in the teaching-learning process. By the direct involvement of students participation in the various activities evidences about the betterment of the department. Students participation includes to help the students to understand their importance in quality assurance, to participate in developmental activities and to maintain its quality, and to be a dynamic players in creating an environment favorable for various innovations and initiatives for an sustained campus life and development of quality culture within the department. With respect to above subject its our prime responsibility to advance or to develop our department, we should get the student involved in feedback mechanism by using the best practices.

Students are the prime stakeholders, so the feedback system is a best practice through which students' response help the institute in teaching faculty particularly in understanding their requirements, keeping the courses and course contents up to the mark by which we can fulfill their teaching-learning demands. Students can evaluate the strengths of the teacher and the chemistry department for their academic and infrastructural facilities. Online student feedback mechanism is another scheme through which there is the quality enhancement of the chemistry department. In this scheme we have to focus on the various activities of the department and to implement and improvising it. Then the students give the feedback by contributing to the various activities. They give new ideas and suggestions and monitor the academic and research activities and yearly improvement. Because of the feedback scheme we can make the analysis of teaching and research and measuring of quality aspect on the parameters of NAAC. Their feedback provided additional information relating the Career Advancement Scheme of departmental faculties. Ward-tutorial system is the another concept in which the departmental faculties mostly focus on the personality development, academic

excellence, skill orientation of the students. As a faculty it is our responsibility to help the students to sharpen their skills and use this talent for the betterment of the department. We should give them a practical knowledge of management, group behavior, planning, finance etc. so that they face the job-market with confidence. Student can be a part of the student council and enlarged students council which play a key role in the fulfillment of goals and objectives of the college. They serve as a link between the management and the student community. They take responsibility of organizing celebrations of all the national and religious festivals.

Interactive Quality Education Management is the another scheme under which we can know the ideas of the students. This ideas are very helpful in deciding which curricular and co-curricular activities are essential for the betterment of the department. To encourage the students we should appreciate the work done by them. We should publish the achievements of the teachers and students in the departmental magazine and in newspaper. The department should make their own academic calendar to have enough space for activities other than college activities such as seminar competition, chem.-quiz or science fair. Another practice that we can prefer for the betterment of our department is the formation of chemical society. Under this a students group is made which includes principal, Vice-principal, Secretary, Treasurer, chairpersons, in charge. All the members are allotted a specific responsibility. They are given many opportunities to participate in team events. These members are felicitated by the principal of our college on the day of inaugural function of chemical society. This scheme provides smooth functioning of academic events. Other scheme involves the concept of open house where all students of a class and the teachers of the chemistry department assemble to evaluate the functioning of the department. During this meeting students get chance to give their feedback on various activities undertaken by the department. We can thus find out solutions for the problems if any in the department and can vent out the grievances of the students. It facilitates us to plans about the future programmes which will make the department more efficient. To make students aware of new career trends in the job market new skill-based courses can introduce to generate better job opportunities. Through collective feedback mechanism we can evaluate the present system and bring a qualitative changes in the educative plan and methodology of the department. It involves collective participation and efforts of management, faculty, students, parents and well-wishers which brought enhancement of the department. During the teaching of various syllabi, the students came across the names of famous scientists, thinkers, philosophers, names like Newton, Kepler, Ramanujan, Woodrow Wilson, Gregor Mendel, Charles Babbage etc. Students do not study about their life, their contribution, their inventions and the awards they received for their work. Thus the department decided that in addition to the celebration of the birthdays of great National leaders, the birthday of these Scientist, Philosophers, and other personalities can be celebrated by the students under the guidance of the faculty member. As a result of this, students came to know about their struggle in life to achieve success. The students thus improve their communication skill, debate, quiz, writing talents and group discussion and they refer latest journals, books and internet for details about the person. The greenery in the lawns and garden provides us a better learning atmosphere. Thus the garden is prepared and maintain by the student members of the Nature Club under the supervision of chemistry department faculty members. Student Quality Circles term quality control. This group identify the problems and find solution to problems they face. Quality circles, goal orientation the crown and value-orientation the investiture forms the basis of discipline due to which we can enhance the quality of our department through students' participation. Formation of the departmental library provides students a large number of reference books required for their study. Along with this we can provide phone coin booths, a Photostat machine and a cafeteria in the library. Thus the students are very much satisfied with this scheme. So along with this we can refer other practices which will help in the enhancement of the chemistry department.

Conclusion :

We should consider some set assumptions during starting collection and advertising good practices in Indian higher education. Firstly this is entirely a western concept processed in the Indian context. Secondly this practices are induced by NAAC's Assessment and Accreditation process in higher educational institutes. We experienced a different type of opinion and mixed suggestion from various department as well as institution as a whole. But some of the department go on operating this practices of student feedback mechanism which proved to be catalytic in quality improvement.

References :

1. Dr. Sanjaya Mishra .Quality Assurance in Higher Education (NAAC),2006
2. http://www.naac.gov.in/best_practises.asp

