

7.2.1 DESCRIBE TWO BEST PRACTICES SUCCESSFULLY IMPLEMENTED BY THE INSTITUTION AS PER NAAC FORMAT PROVIDED IN THE MANUAL

PRACTICE A:

Title: Systematic Upgrading of students.

Objective: With an objective of a holistic development of students both morally as well as academically is essential for the survival in the professional field. Thus, it is the duty of the college to provide a systematic upgrading facility for the students so that he or she may survive latter in their profession. Thus, along with the prescribed curriculum the students require extra guidance and moral mentoring so as to become a successful person.

Context: Systemic upgrading is brought about by

- Good Teaching learning facility
- Mentoring system, the good teaching learning facility involves
- Good support of teaching staff with a balanced knowledge of industry and academics.
- Standard learning aids to make the learning process more interactive.
- Efforts given beyond the curriculum
- Building an interface between professional experts and students. On the other hand, mentoring system developed
- Improve the teacher student relationship
- Proper vigilance of the students
- Taking up the important problems of the student to the higher authorities
- Providing a moral boost for the student

Practice: The college has tried to create an academic environment which presents a curriculum without prejudice to the fundamentals of any subject which are required.

- The curriculum offers courses like term paper, mini project, major project where the topics are self-selected or based on guide suggestion. The component of self-learning is evaluated in these courses.
- Every student has to submit a home assignment in every course which has been evaluated for 5 marks. Some of these tasks are beyond syllabus to encourage outstanding students to develop their self-learning capabilities.
- The program planned weekly time table and facilities in such a way that the students have space and time to explore and implement their ideas.
- MOU with advanced online mode of teaching (Great Learning Olympus) and acquiring 6 months registration with ZOOM.
- **Computer Lab** with well-equipped and internet facility opened throughout college hours for students.
- **College library** with sufficient number of volumes on core and application areas, pharmaceutical and allied biomedical sciences awareness journals are opened during college working hours and students can access all kinds of journals and reference books.
- A robust **mentoring system** is developed at Bengal School of Technology and involves a monthly meeting between the faculty (Mentor) with the students. All aspects of the academic development of the students are noted and the improvement areas for each of the students are discussed.
- **Number of faculty Mentors:** 15 Approximate number of students per Mentor: 20±5 Frequency of meeting: Once in a month. (30 days) A faculty member (Mentor) is assigned for a group of 20±5 students to help them to clarify their doubts and improve their technical aspects of the courses. An information database of the students is maintained by each faculty mentor for specific details like

- A. Information about the student.
- B. Previous Record of the student (including exams cleared)
- C. Academic Performance in the college
- D. Competitive Examination details
- E. Cocurricular activities the mentors meet the students periodically and review their performance in Sessional examinations, class tests and other academical activities. Guidance is given to the individual student with respect to their academic problems.

Evidence:

- Improved teacher student relationship.
- Improvement in students' attendance.
- Improvement of academic performance of the students.
- Improvement in participation in extracurricular activities.
- General awareness about Ragging increased.
- Improvement in Students' discipline.
- Improvement of self-confidence of the students.

Problems encountered and resource required: The collection and analysis of feedback especially from students is a mammoth task. Moreover, the analysis involves concern of accuracy of results obtained. As a solution IQAC have decided to go for "Google Forms" with links shared to the students.

PRACTICE B:

Title: Training and placement with IIPC (Industry Institute partnership cell)

Objective: The main motive or aim of a professional college is to train the students by exposing them to the work culture of the outside professional field followed by placing them in suitable jobs. A good institute not only places the students in a good position but also assure the sustainability and adaptation to profession.

Context:

- Providing industrial training necessary for an initial exposure to the would-be profession.
- Sustainability with the problems in the working environment
- Hand on experience with the machinery tools and the environment of the industry.
- Providing good placement as a door to be successful in the life

Practice:

- The Training Placement Cell firmly believes in 'Industry Institute Interaction'. In order to accomplish the same, it organizes seminars and talks to provide a platform for the budding and upcoming pharmaceutical technologists to interact with professionals from various industries.
- It encourages visits to the industries by the institute students and arranges industrial problems to be worked out by students as part of their projects.
- It also takes suggestions from members of the industry regarding designing/changing of curriculum.
- The students regularly visit the pharmaceutical industries like Bengal Chemicals and Pharmaceutics Limited, Dey's Medical Ltd, Martina Biogenics, Caplet India, Albert David Ltd., Pasteur laboratories Private Ltd, Gluconate Health India Ltd, Strassenberg Pvt Ltd, Indian Drug Private Ltd, East India Pharmaceuticals Ltd, Palsons Derma, Diamond drugs, Stadmed Ltd. and Standard Pharmaceuticals.

- Outside the state the training has taken place at some major pharmaceutical companies such as Microlabs Ltd, Medo pharma Pvt Ltd, Wockhardt Ltd, HeteroDrugs, Zydus Cadila, Alkem Ltd and Drakt International etc. for a first-hand experience about the working of pharmaceutical industries.
- The committee also actively seeks consultancy work from industrial houses to enhance the industry institution bonding. Beside these, it also connects with the various hospitals and Clinical Research Organizations for employment.

Evidence of Success:

The Institute is able to send students for Industrial training / Hospital training to the industries. All final year students for the given academic year had completed their industrial / Hospital training at least one or else some more than one. The students have gone for placement drive and have joined in Marketing, Production, Pharmacovigilance.

Problems encountered and resource required:

Due to pandemic situations Industrial training was difficult to be managed. Most of the plants were not allowing to do training. Thus, as a solution College had driven for Hospital training at most.

.