



BAPATLA COLLEGE OF PHARMACY

(Sponsored by Bapatla Education Society), (Recognized by A.I.C.T.E&PCI)

(Affiliated to Jawaharlal Nehru Technological University, Kakinada)

Bapatla, Bapatla (Dist), Andhra Pradesh -522101

Best Practice I

1. **Title of the Practice:** STUDENT SKILL DEVELOPMENT AT IN-HOUSE TEST LICENSING CENTRE

2. **Objectives:** A research and Development centre is established in connection with Bapatla College of Pharmacy

- a) To provide industrial training to the students.
- b) To create awareness and opportunities in research, Innovation and Development among the faculty and students
- c) To promote Interdisciplinary research
- d) To stimulate practitioners and students to access research and to be educated consumers of scientific literature.
- e) To create and encourage a research culture among the teaching faculty.
- f) To organize seminars/conferences/workshops on research topics and training programs in research methodology.

To reach the goal, we provided planned infrastructure in a separate building and had a memorandum of understanding with prominent industries to carry out their activities at our campus. It involves researching the market and customer needs and developing improved products and services to fit the needs. It aims at research and experimental development to enhance student's practical knowledge.

3. **The context:** The contextual factors include time, scope, capability and diversity. The other factors include institutional and funding patterns and social values. Some factors such as approvals from the statutory bodies are not within our control. However by overcoming all these constraints, we established a R&D cell with the installation of advanced equipment following the norms framed by the body. We also got approval from the Andhra Pradesh State Drug control department to develop a number of formulations. It will work collaboratively with cross functional teams to design and develop robust formulations for various pharmaceutical products. It is one of the endeavors to promote the quality of education and research among the students and faculty. It undertakes various initiatives such as promoting faculty members for writing proposals to government and agencies for projects, conducting skill development program for students based on innovation and building interdisciplinary research activities. Getting involved in research as an undergraduate can have significant benefits such as enhancing a student's ability to think critically, increasing their understanding of how to conduct a research project and improving the odds that they'll complete a degree program in science and technology. The most challenging part of the research program is to select a drug to be developed to suit the present day need of the society.

4. **Practice:** Educational practices are activities and curriculum that are intended to increase the quality of education and student outcomes. It enables personal development and promotes technical change, exchange of knowledge, research and innovation and prepares the students with the skills needed to meet the ever changing challenges. The exposure to higher education leads to the development of analytical and problem solving abilities. Poor infrastructure is another challenge to higher education in some of the institutions. But to satisfy our goal to impart quality education to the students, we have state-of-the art infrastructure in our laboratories and R&D cell. Skill development is a vital part of higher education and it is prioritized in our institution. We have a good number of faculties with vast experience and teaching prowess to guide the students. As we believe that education is an instrument for the holistic development of a student, we reschedule the laboratories with the updated and sophisticated equipment, access to all students and encourage them to involve in immense research activities. The partnership with range of organizations provides a comprehensive suite of services to students and delivers exceptional results.
5. **Evidence of success:** We conduct a self-evaluation or review of the research in the form of validity, reliability and its nature of purpose. The research must provide the best evidence for all types of queries based on the findings of studies that were identified in the literature. As our students were indulged in extensive research activities by operating the complicated machinery provided in our institute, they got placement in multinational companies and are now enjoying crucial executive posts. Some of our alumni are working overseas. Learning with practical knowledge helped them to get placed in well reputed companies. The faculty also has published their research papers by doing their research work utilizing the sophisticated equipment provided in the Testing centre.
6. **Problems encountered:** The main problem is uncertainty and ambiguity. One of the main characteristics of R&D is that they are based on unproved ideas or markets. It carries an element of risk because it involves trying out new or modified products proving more difficult or costly to develop. Sometimes it is not commercially successful in market. Another concern is the significant rise in operating costs, material costs and production costs. Reliable cost prediction and reduction are both important in R&D. If the R&D process is late, costs will be larger as well. It is also difficult to find skilled staff to recruit in the department. We also need to find ways to make our research lab more positive environment for all the students. The main set back is that our institute is located in a rural area where industries are not likely to be established. But still it helped for effective integration of research projects with the regular curriculum implementation and enrichment activities for the benefit of students.



T. Gopalakrishna
PRINCIPAL
PRINCIPAL
Bapatla College of Pharmacy
BAPATLA - 522 101



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Best Practice II

1. **Name of the Practice: Implementation of SURYODAYA SOCIETY FOR AWAKENING COMMUNITY (SAC) Activities,** A charitable society was formed by a group of students from Bapatla College of Pharmacy.
2. **Objectives:** It is formed with a motto "No child working, Every child in school & Learning well". The main objective was to bring a small change in and around Bapatla to help the under privileged children by providing their basic needs.
 - a) To provide libraries and conducting science exhibitions.
 - b) Rescue and survey operations for freeing working children.
 - c) Creating awareness among the citizens in villagers about the importance of education.
 - d). Donating blood to the people in need.
 - e) Residential shelter homes for children in vulnerable situations.
3. **Context:** The society was established by the students in 2008, inspired by the quotes of Swami Vivekananda, "Youth is not useless, they are used less" and Mother Theresa, "Helping hands are better than praying lips". There are nearly 2000 children in and around Bapatla, those who are in stream of working condition in shops, as beggars in railway stations and bus stations. In the age of learning and gaining knowledge, they moved along the path of child labour. Arise and awake for the nation can be possible only by the strong, energetic and intellectual youth. This is a nonprofit organization, with a zeal to serve the needy and a vision to transform India, it is a timeless concept that aimed to shape society and provide support and assistance to those in need.
4. **The Practice:** The society is divided into different teams assigned with diverse tasks such as hostel team, village team, blood grouping team, Plantation team, monitoring and accounting teams. The SAC helps and supports people who are ill or very poor and with disability. It also fills the gaps and provides dedicated resources to help the most vulnerable. The hostel team strives to curb the child labour and educate the poor and street children. Village team educates the people and creates awareness in them on their social responsibilities and their common rights as citizens. As part of this program, 7 villages were adopted like Asodivaripalem, Muthaipalem, Jammulapalem etc. thereby promoting tolerance and understanding above and beyond our political, cultural and religious differences, putting special emphasis on the protection of human rights, the protection of ethnic minorities and the most vulnerable groups, and the conservation of the environment. The blood grouping team arranges blood donations to the needy to avoid so many undesirable practices that plague blood donations. Plantation team conducts awareness on keeping our environment clean. The information team supervises all the programs and the information is updated to all the members of the SAC. Thus all the teams work with noteworthy coordination.

The students also conduct beach cleaning, medical camps and render hands to differently disabled. All these acts improve empathy and create a more focused community.

5. **Evidence of success:** A charity with good impact practice is more likely to have a good strategy that achieves results. This in turn can attract good people and keep them motivated, while good leadership, staff and governance strengthens results and will ensure good financial and operational management. The success of this society is remarkable which we can observe by the new donors added to the charity and the donation growth in the last few years. The rate of success can be viewed in the accounts submitted by the accounts team. One important internal factor to consider when measuring success is happiness and fulfillment. These two factors include pursuing your passion, having positive relationships, and having a sense of purpose. They're considered internal factors because the happiness is up to the members of the SAC-it comes from within. The scope and success of the society can also be measured by means of the number of programs they have organized in a year and the number of beneficiaries. The donation reactivation is also another factor for its success. A hostel was also constructed under the name Manavata SAC, Saradapur Colony, Bapatla, in which nearly 30 children are as semi residents. Three teachers were appointed and paid by the SAC members to help those children in their studies.

6. **Problems encountered:** The most challenging issue in implementing this practice is an increase in program costs. Possible budget deficit is also another factor. A change in the mind of the donor due to the increase in cost of living hampers the implementation of this practice. The day to day increase of the needy is not in par with the donations received. Political changes and changes in legislation may also affect the practice. They must consider creating an effective growth strategy, revising their mission statement, exploring donor patterns, planning fundraising tactics and working with other charities.

One of the most common challenges is fundraising, as charities rely on donations and grants to fund their programs and services. The society must provide exclusive satisfaction for the regular donors. To upgrade your internal systems to deliver a high standard of service before scaling up, they should have a big picture plan of what they could achieve with a funding boost. Setting up and running a charity can be extremely fulfilling and sometimes challenging. Threats might include competition from similar organizations, economic downturns, or changes in regulations that affect the nonprofits operations.

Convincing road side children and some of the parents to send their children to school is a major problem. Awareness and motivational sessions were to be conducted to such parents and bring their children back to school. But still it was a unique practice and service rendered by our students with great humanity and duty for the society.



T. G. Subrahmanya
PRINCIPAL
PRINCIPAL
Bapatla College of Pharmacy
BAPATLA - 522 101