

Best Practice I

1. **Title of the Practice:** Free Quality Technical Education to Economically Weaker Students
2. **Objectives of the Practice:** To spread the benefits of quality technical education to the students who are from economically and financially weaker sections of the society and are from underprivileged class but are meritorious, intelligent and brilliant otherwise, so that they can contribute to the upliftment and betterment of their own families and then society at the large.
3. **The Context:** Punjab government started a scheme under which students from poor families and economically weaker sections and government schools of Punjab who secured good marks in their secondary classes were admitted to meritorious schools, where they were provided the free higher secondary education, but there after that they were left in lurch by government. Our institute admitted 73 such students from meritorious schools and provided them with the free education, doing it as a noble cause because of its philanthropic vision.
4. **The Practice:** Students from meritorious schools of Punjab Government were provided free education in Khalsa College of Engineering and Technology, after they were left in puzzled and confused situation by the Punjab Government. Government which promised these students to borne their admission and tuition fees for their higher studies in technical colleges, later on stepped back.

However, since our institute has the benevolent vision of spreading the benefits of quality technical education to the youth of Punjab irrespective of their class, creed, colour, financial and social status, so we stood up for the same. These students were allowed to continue their education in the college free of cost, despite of not receiving any kind of single penny or grant from the government. In our institute our expert and experienced faculty has provided them requisite standard of education with good academic ambience so as to prepare them for earning their livelihood in a dignified way as qualified engineers and to make them feel elated in the society.

Once they have entered our institute they are treated at par with all other students. They are provided education without any discrimination and difference and provided with conducive atmosphere so that they don't face any kind of problem. They are motivated and given equal chance like all other students for the participation in all kind of ongoing various activities in the college whether it be academic, co-curricular and extra-curricular.

5. **Evidence of Success:** As a result of this practice, many of these students have secured top merit positions in various university examinations with the support and motivation of faculty members. Students have also performed well in co-curricular, extra-curricular and cultural activities which further brushed up and enhanced their overall personality. Also, students have also got placed and secured good jobs in various companies which

was the main motive of this practice so that they can earn their livelihood in respectable way and ultimately can help in the upliftment of their family.

- 6. Problems Encountered and Resources Required:** Some of the students were from out of the town and they had to stay in Hostel and had to pay for the same, as well as mess and food charges. Since these students, belonged to underprivileged class and were from economically weaker sections, so their parents and family could not afford the expenses for the same. Faculty and staff pooled up the resources and helped them with these expenses, so that these students can get the benefits of the quality education.

Best Practice II

- 1. Title of the Practice:** Appreciation for Academic Excellence
- 2. Objectives of the Practice:** The main aim of this is to gradually improve the academic results of the institute and to motivate and persuade students so that they excel in their studies. Toppers and brilliant students are given reward in the form of fee concessions so that they get motivated to study more hard so that they outshine academically.
- 3. The Context:** Being a part of Khalsa college charitable Society, Khalsa College of Engineering and Technology focuses on the academic excellence and perfection of its students. Students from each semester and branch are given appreciation in the form of cash prizes or scholarships or fee concessions for their academic achievements so that they get more and more inclined and get motivated to studies.
- 4. The Practice:** Students are given fee concessions as per the rules and norms of society as given below.
 - **Topper in the University Exams**
 - (a) 100% Tuition Fee concession to university Toppers in each branch in the immediate previous semester (for one semester only).
 - (b) 75% Tuition Fee waiver for standing 2nd in university in each branch in the immediate previous semester (for one semester only).
 - (c) 50% Tuition Fee concession for standing 3rd in university in each branch in the immediate previous semester (for one semester only).
 - **College Topper in University Exam**

25% Tuition Fee Concession to College Topper in each branch in each semester (for one semester only)
- 5. Evidence of Success:** College results have improved. The number of students securing merit positions in University Examinations has increased gradually over the time. There were 12 students in merit positions for November 2018 IKG PTU examinations with one student at first position and three students' bagged 2nd position. 21 students of the college secured merit positions in April-2019 Examination with three students at first position, one at second and three students at third position in various branches. 28 students stood

in merit in Nov-2019 examination with seven students securing the first position in various branches and semesters.

- 6. Problems Encountered and Resources Required:** These benefits and fee concessions are provided by the Khalsa College Charitable Society itself as per the society rules and norms.

Best Practice III

- 1. Title of the Practice:** Virtual Parenting
- 2. Objectives of the Practice:** Main objective of this practice is to form a trusted and firm bond between a teacher and a student so as to help students to achieve their aims by providing students with a comfortable and supportive environment. As clear from the name of the practice, Teacher acts as a parent to the students. Since this is the developing and shaping time of a student so it is very important that proper guidance is provided to them so that they not only excel in academics but in every test of life.
- 3. The Context:** A mentor is assigned to each student in the very first year of the degree. Teachers, who acts as virtual parents create a better environment for the open communication of students. Teachers look after the students' performance and help them to improve in their academics as well as be the guide for their future. Regular meetings are held where the faculties equally monitor the personal, academic and psychological well-being by constant interaction with students and their parents and help them to understand their roles and responsibilities.
- 4. The Practice:** Appointed teacher regularly monitor the overall performance of the students and provide them a good ambience where they can learn, grow and flourish. All details are noted down by the mentor in a register for a reference. Repeated counseling sessions are held so that students can express their problems easily. Students are made to believe that they can achieve anything and a sense of confidence is inculcated in them. Also slowly and gradually a sense of belongingness starts developing in the student.

In our institute our expert and experienced faculty has provided them requisite standard of education with good academic ambience so as to prepare them for earning their livelihood in a dignified way as qualified engineers and to make them feel elated in the society. Students are regularly updated with the competitive exams patterns and higher studies as well.

Once students enter our institute they are treated equal. They are provided education without any discrimination and difference and provided with conducive atmosphere so that they don't face any kind of problem. Students are motivated by their mentors to participate in extra-curricular and co-curricular activities also for their overall personality development.

5. **Evidence of Success:** During the stay in the college many students were able to tackle their problems themselves after counseling from their virtual parents. Also students who were very shy and introvert were confident enough to participate in various activities. Communication skills were also improved as well better results in MSTs. In a nutshell students who were initially not confident and hardly used to be the part of discussions turned out be confident and elated graduates and placed in reputed companies.
6. **Problems Encountered and Resources Required:** Since students are from diverse backgrounds, so sometimes students especially from economically weaker sections have very timid behavior and cannot express themselves easily. Lots of effort of virtual parent is required to build the confidence in such students.
7. **Notes:** For details of meetings and reports related to virtual parenting click www.kcet.co.in/virtualparent.php

Best Practice IV

1. **Title of the Practice:** Ray of Hope
2. **Objectives of the Practice:** Main objective of this practice is to help the needy students at the time of financial emergency so that they do not face any kind of stress due to monetary issues during their studies. The financial aid is provided to those students who are not covered under any scholarship scheme run by our charitable society or government.
3. **The Context:** “Ray of Hope”, a kind of charity was started by the faculty of the college in 2016 when 73 students from meritorious schools were admitted in our institute without any fee and were deprived by Punjab Government for any kind of financial aid. The students were left in the lurch. These students belonged to very poor families and were from rural areas. These students were not covered under the domain of various scholarship schemes. Few students were not even able to pay the hostel mess charges. So college faculty decided to start a volunteer club to help such kind of students.
4. **The Practice:** Under this practice, college faculty willingly decided to help the meritorious students from economically weaker classes and those who are not covered under any scholarship scheme of our charitable society. Whenever some of the students face a financial crunch and are unable to pay the college fee, at that time the fees may be full, or partial is paid from the fund of Ray of Hope. Some alumni and other donors have also started contributing donations to this charitable fund. This is according with the vision and mission of the college where we believe in providing the access to education to everybody. This also helps in checking the drop out of the college rate due to financial constraints. Through this graceful gesture of helping the needy students we are trying to empower the aspirants of technical education and there by transforming the society.

In accordance of our core values of the college i.i. kindness, compassion and welfare and well-being for all, we have another student welfare Insurance scheme, started w.e.f. Dec 01, 2017 under which in case of any unfortunate demise of the earning parent, our management bears the total college fee for 2/3/4 year till the completion of course with the maximum limit of Rs. 3,00,000/-.

5. **Evidence of Success:** So far 14 students have been benefitted through this scheme with amount of Rs. 3,66,850/-.
6. **Problems Encountered and Resources Required:** During the time of Covid-19 Pandemic large number of students faced financial crisis and approached for help and due to our own financial constraints we were able to help our students partially.

Best Practice V

1. **Title of the Practice:** Organic Farming
2. **Objectives of the Practice:** To gradually move towards the organic and pure farming within the campus to motivate students and faculty for adopting organic agriculture products for their better health and sustainable development of society. To familiarize the students with the techniques of organic farming and to work for eco-friendly practices in our day to day life.
3. **The Context:** Use of excessive sprays of pesticides and insecticide area ruining the health of modern generation and in lure of money un-mindful use of sprays and injections is being done by the farming community. In this context the college started the practice of organic farming to apprise the students of the college and the nearby communities. Also students are being familiarized with modern organic farming techniques.
4. **The Practice:** The institute took the initiative to produce the organic and healthy food in college campus. Organic farming has been practicing by the students under the guidance of faculty, supervisor and gardeners. They grow the organic food without the use of insecticide and other chemicals to keep the soil healthy, maintain the environmental integrity and health of the consumer. Faculty, staff and students are motivated to adopt the culture of organic farming for a healthier lifestyle.
5. **Evidence of Success:** The organic food produced in the campus, is consumed by the college faculty and staff members. Furthermore, sometimes mess contractors of the hostel also buy the vegetables for the students at the cheapest rates.
6. **Problems Encountered and Resources Required:** Preserving food quality while trying to increase productivity is the main challenge we face during this practice. Also the quantity produced is not so high that it can be marketed outside.