

Best Practice 1

1	Title of the Practice	Open House Programme for Future Engineer's
2	Goal	Highlighting the important role of Engineers play in everyday life and demonstrating creativity behind Engineering career.
3	The Context	<ol style="list-style-type: none"> 1. To introduce the intermediate students about the practical knowledge of Engineering. i.e. in the form of a field trip. 2. Showcasing the talents of the students so that heart for machine learning would be brought into light. 3. Awareness of various branches and find out which branch is suitable for them to opt. 4. To make them understand about the Engineering under graduation. 5. Environment variation and unique approach for various activities.
4	The Practice	Generally, in higher education the practical aspects of Engineering are not given the importance as in the western countries. So, to make the students think on original prospects it is necessary to encourage hands on experience at all levels. The intuitiveness of the students must be answered by arranging various innovative schemes in the laboratories. Even in theoretical classes, emphasis has to be given for improving the creativity of the students. Usually, the questions asked in the written examination give importance to memory-based answers. This approach needs to be modified so that the ability of the student to adapt to questions which have more practical relevance. For example, instead of describing the operation of a power station, they could be asked to design or modify an existing design with the scope of improvement of certain specific parameters.
5	Evidence of success	By having regular orientation programs and series of creative design classes it has found that most of the students could think of Engineering projects with relevance to the needs of the society. In the process, of such training it was found that the eagerness to learn and zeal to develop projects under own had increased. Even though the college, was not in position to provide all the facilities as per their requirements. Sufficient care was taken to direct them through various external agencies which could satisfy their desire to learn.
6	Problems Encountered and Resources Required	It is necessary to have some specific equipment to cater to the needs of the questions raised by interested students. As per the present situation, there is some scope of some improvements in our Lab capabilities to meet the required position.
7	Notes (Optional)	It is required to have staff visits to premiere institutes such as IIT's and NIT's for developing our in-house capabilities.

Best Practice 2

1	Title of the Practice	Demonstrations (Entry level test on minor projects)
2	Goal	<ol style="list-style-type: none"> 1. The basic objective is to test the students of the entry hood so that a classification can be done to take care of them in future accordingly to their abilities as well as deficiencies. 2. Initiating the hands-on experience so that students would be tuned to do new experiments on and off. 3. Pioneering for research-oriented training and focus on exploring hidden talents working from the existing projects.
3	The Context	For the foretaste of Engineering knowledge and Small projects are taken up for comprehension. Questions are asked to test their grasping ability as well as skill of communication. Improves analytical skills and helps in team spirit.
4	The Practice	The students are exposed to innovative ideas, relevant questions based on thought provoking concepts are asked for evaluating their basic intellectual abilities. By this quick learners and slow learners can be identified. Extra ordinary talented and students who need special attention can be segregated for proper mentoring.
5	Evidence of success	Such tests are followed in many western countries with great deal of success. We too are enjoying the benefits by making proper arrangement for the creative minds and as well as the other so that every one would be benefitted according to their abilities.
6	Problems Encountered and Resources Required	Often, some errors, judgments come as many of the students try to be introvert in the beginning.
7	Notes (Optional)	We have to be cautious in making the evaluation which should not deter the proper follow up.

Best Practice 3 & 4

1	Title of the Practice	Independence Day & Republic Day (Flag hosting by academic topper among girls on independence day and Flag hosting by academic topper among boys on republic day)
2	Goal	The students must be encouraged by a morale boosting approved to excel in students
3	The Context	On the national days in Independence Day and Republic Day most of the college have flag hoisting by eminent persons. we have given chance to students by selecting the best among the boys and girls to do flag hoisting as well as to address the gathering.
4	The Practice	As a unique practice, the students become VIPs depending on their meritorious credentials. They are honored by being the chief guest for the flag hoisting. The guest of honor is given to them. For their extraordinary talent, this becomes unforgettable event of their career.
5	Evidence of success	This practice has led to tremendous competition for securing high marks. The students feel as if they are being honored in the capital itself as a Minister or VIP. The students feel elected and encouraged as we invite the parents to witness the function
6	Problems Encountered and Resources Required	It leads to jealousy and stiff competition. If a good student is not scoring marks, he or she feels dejected, if the offer is not made available.
7	Notes (Optional)	Other colleges should follow this model practice

Best Practice 5

1	Title of the Practice	Induction Programme
2	Goal	To make fresher's feel comfortable and how to get adapted to this new environment with practical and creativeness.
3	The Context	Entry level knowledge for the new engineering aspirants. Creating a platform for meditation, recreation, ethical values, awareness about anti ragging, practical learning, communication skills to the all the fresher's for 3 weeks before the actual class begun.
4	The Practice	This unique practice builds confidence among the students and makes them introduced to the current environment. Student enters with a positive spirit and would imbibe the required qualities needed for the programme.
5	Evidence of success	Improves confidence and removes stage fear. It inculcates team spirits and hands on experience from the beginning of the programme.
6	Problems Encountered and Resources Required	All the students may not involve in all the actively. But there is always a scope for competitive spirit.
7	Notes (Optional)	Authentic and active execution of the programme is mandatory.

