

**Format to compile “Best Practices in Student Admission Process”**

Title of the Practice:	Career in Engineering education and enhancement of Engineering admission
The Context:	<p>Now a days it is found that flow of students towards engineering is reduced due to low salary jobs and more number of engineering graduates available in market. So, it is a challenge for engineering institutes to attract the student towards engineering education. A strategy is designed by our institute to overcome the issue of increasing the interest of students to engineering education and hence to improve the admissions.</p>
Objectives of the Practice:	<p>Goals:</p> <ol style="list-style-type: none"> <li>1. To attract students from nearby area for engineering education</li> <li>2. Students to be financially supported by the opportunities available through various scholarship scheme for higher education</li> <li>3. Preparing students to be more industry ready</li> <li>4. To increase in girls admission from rural area</li> </ol> <p>Objectives:</p> <ol style="list-style-type: none"> <li>1. To increase students interest towards technical aspects of subjects.</li> <li>2. To make students understand the requirement of engineering graduates in near future.</li> <li>3. To make students aware about various placement opportunities available during and after Engineering.</li> <li>4. To aware the rural students of various Scholarship schemes available.</li> <li>5. To aware the parents about security and equality given to</li> </ol>

	<p>girls students in all sectors of education and job opportunities</p> <p>6. To provide best education to rural students</p>
<p>The Practice:</p>	<p>The admission process serves as an interface to many higher education opportunities and future career options. At this junction, young minds need proper counseling at the beginning for a well defined path that will lead them to a promising future. So, it is the need of the hour to connect with the students as well as parents for proper counseling.</p> <p>In our Institute(<b>N B Navale Sinhgad College of Engineering, Solapur</b>) admission process is a core activity. A special committee named '<b>Admission Committee</b>' is formed to carry out the following activities throughout the year.</p> <p>A. Initially we contact the Junior Science Colleges (12<sup>th</sup> std.) for conducting technical workshops and to develop critical thinking skills among these young students.</p> <p>B. Once we develop a good rapport with the students, we then start creating awareness about Higher Technical Education, following which seminars are conducted for both students and parents regarding:</p> <ol style="list-style-type: none"> <li>i. The future scope of Engineering</li> <li>ii. Opportunities as Interns for gaining hands on experience and learning management skills during their Engineering</li> <li>iii. Branch wise opportunities in private sector after Engineering</li> <li>iv. Opportunities available in public sector</li> </ol>

	<ul style="list-style-type: none"><li>v. Higher Education after completing B.Tech</li></ul> <p>C. As most of the students come from rural area having low socioeconomic background we provide them the details about the process of Common Entrance Test , the admission rounds and various scholarship schemes. Also, to encourage the girl students to take the admissions we talk about the achievements of our colleges' girls students. WE also provide the feedback of our students who resides in hostel so that students feel safe in campus away from their home.</p> <p>D. We invite the faculty members and students of schools as well as other colleges to visit our college during project exhibition, technical events or to perform high end practical experiments of Diploma Engineering as well as 12<sup>th</sup> standard. During this visit we explain:</p> <ul style="list-style-type: none"><li>i. Our Teaching Learning process</li><li>ii. Placements of our Institute</li><li>iii. Training and Placement Activities</li><li>iv. Entrepreneurship Development Cell</li><li>v. Incubation Center</li><li>vi. Startup</li></ul> <p>E. Institute follows a scheme of Teacher Guardian where a faculty member is assigned as a mentor for every 15 students. The Teacher Guardian visits the student's home twice in a semester to discuss their wards achievements, result or any important issues. It makes them understand that we have personal attention on students and they</p>
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	<p>spread this as a positive note among the society, which definitely helps us to fetch good quality of students for successive years.</p> <p>F. As per the changing needs of the technical education and the industry needs reformation in syllabus is done continuously in cycles. To acquaint the students with these changes, new languages in vocational courses such as python have been introduced. We have planned a course in teaching '<b>Data Science using Python</b>' with an engineering perspective so that students develop an interest in problem solving skills.</p> <p>G. As our stake holders are our brand ambassadors, we continuously take feedback from them for improving pedagogy.</p>
<p>Obstacles faced/Problems encountered:</p>	<ol style="list-style-type: none"> <li>1. Reaching rural students during their ongoing schedule of schools.</li> <li>2. More students are interested towards non-professional courses due to financial problems.</li> <li>3. Access to students from more remote area.</li> <li>4. To adjust the time table of faculty member during regular college schedule.</li> <li>5. Parents want their ward especially girls to study in their village.</li> <li>6. Students' attraction towards big cities like Mumbai, Pune for admission in engineering colleges.</li> </ol>
<p>Impact of the Practice/Evidence of Success</p>	<ol style="list-style-type: none"> <li>1. More number of schools and colleges are benefited in terms of practical approach of subjects.</li> <li>2. A good liaising between the staff members of schools and colleges with our staff members is</li> </ol>

	<p>established.</p> <ol style="list-style-type: none"> <li>3. More number of rural area students are taking admissions in our institute.</li> <li>4. A good number of girls students have taken admission</li> <li>5. All eligible students have taken the benefit of various scholarships.</li> <li>6. Parents and our passed out students are appreciating about our efforts in their villages to educate students.</li> <li>7. More number of students are appearing for CET and JEE examinations</li> </ol>
<p>Resources required:</p>	<ol style="list-style-type: none"> <li>1. All teaching and non teaching staff members are involved directly and indirectly in this process.</li> <li>2. LCD projectors are carried by our staff members to present the power presentation for college overview, placement details, scholarship schemes, achievements of admitted and passed out students. Also to show animations of their current subjects (ex. Chemistry, Physics etc.) LCD projectors are used.</li> <li>3. Vehicles are provided by institute to almost all rural areas (up to 100 km) for Mock CET/JEE examinations conducted at institute's premises</li> <li>4. Stationary for paper setting and printing of question papers are Bourne by institute depending upon the number of students appearing for Mock CET/JEE</li> <li>5. Travelling allowance are provided to teaching and non teaching staff members for their visit to nearby schools and colleges to create awareness among students for engineering education</li> </ol>

	6. To take care of all the resources expenditure of around Rupees of 4 to 5 lakhs is done every year.
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