

SWOC ANALYSIS OF THE INSTITUTE

Strengths:

1. Experienced and highly motivated faculty in each departments, which gives a better teaching atmosphere with deep insight of understanding.
2. Innovative teaching and learning methodologies are being adopted.
3. Modern well equipped laboratories are available in context with the recent advancements.
4. Faculty publications in National and international conferences and in referred journals.
5. Institute has good academic records with university rank holders from various departments.
6. Students and faculty are motivated to participate in ISR activities like NSS, which emphasizes on ethical, moral values and exemplary professional conduct in day today working
7. Teacher guardian cell for building the relation between student and staff
8. Strong Alumni which help department.
9. Best infrastructure facilities in campus with pollution free Environment.
10. Faculty involvement in University curriculum design.
11. Strong Industry Collaboration (Zensor, Seed InfoTech)
12. Encouragement of the faculty members in pursuing research projects and higher education (Ph.D.)
13. Curricular and extracurricular development through various Karandak (cultural and sports), Firodiya, Project competition, paper presentation etc.

Weakness:

1. Less placement and campus selection to be improved.
2. Less number of Ph.D. qualified faculties.
3. The faculty members and students needs to be motivated for several patents, copyrights, disclosures and technology transfers.
4. The quality of incoming graduate students has declined over the years.
5. Less funded projects and consultancy.

Opportunity:

1. To inculcate best research culture in the department.
2. To promote the culture of industry institute interaction, national / international collaborations, education and training.
3. To develop training program in collaboration with industry to fulfill current market requirement.
4. To encourage research culture for increasing R&D activity.
5. Involvement of faculty members in research work.
6. Improvement in placements.
7. Opportunities for student and staff acquiring of higher qualification.

Challenges:

1. Attracting high merit students.
2. To build strong alliances with national and international, Government or private organizations for academic and R&D consultancy projects.
3. The placement should be improved in the current scenario by building strong bond with industries.
4. To develop center of excellence for promoting R & D activities and consultancy work.
5. Improving the writing and communication skill ability of students.
6. Encouraging students for selection of industry funded projects.