

### ***2.2.1: The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners***

At SIESGST, we believe in outcome-based learning processes, where we identify students as slow learners and advanced learners based on the prerequisite tests, class interaction, test performances.

We at the institute, give emphasis on improving the performance of slow learners by providing remedial programmes which are conducted outside regular classes. Specifically, for difficult subjects like Applied Mathematics, Engineering Drawing and Engineering Mechanics, Basic Electrical Engineering, extra classes are taken for students who have failed in the exam where the faculty spares time to sit with those students individually to cope up with the subject.

Through a mentor-mentee system also all kinds of support are provided to the slow learners. The strenuous efforts taken by the faculty towards the slow learners has resulted in students' understanding in their chosen domain, improved results and pass percentage. The mentor also identifies other skills and strengths and encourages them to hone them which helps build self-confidence resulting in improvement in academic performance also. The mentor takes extra effort to understand the socio-economic backgrounds also which is sometimes a reason for poor performance. All necessary emotional and professional counselling is also provided whenever required. The mentor also connects the weak learners for the subject teachers with whom they are comfortable for extra support. The Institute ensures that a slow learner clears all his courses within stipulated four years of Engineering and also provides extra attention to build additional skills which makes them employable. Parents of students are informed in case of poor academic performance and psycho-social problems whenever necessary.

Advanced learners are given opportunities to be part of innovative projects and other technical initiatives of the institute. The toppers of each class are appointed as Class Representatives and HoD Nominee for the department who are part of students' council so as to give a chance to develop their communication, leadership & team building skills.

They are also given an opportunity to be office bearers of student council and various professional bodies and lead professional activities at University and National Levels. This initiative teaches them to strike a perfect balance between academics and extra & co-curricular activities which goes a long way in achieving success in their professional career.

They are given the opportunity to participate in Hackathons, Paper Presentations, Project Competitions and participate in Summer Projects and Internships. They also help slow learners through peer learning. We also encourage advanced learners to conduct workshops and seminars to share their knowledge. They are also part of the institute's social responsibility where they support the faculty members by teaching and providing skills to the underprivileged students.