

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response: Based on state level merit, the entire admission process is controlled by Pravesh Nyantran Sameeti, Government of Maharashtra. Institute organizes student induction program for newly admitted students. The allotted seats to this institute have diverse learning styles and wide range of low merit to high merit students. Thus, need exists to identify the learning style and to develop a common platform catering to the need of all learners, as they progress in graduation. In order to achieve this, the students are first classified on the basis of their qualifying mark, which involves student capability analysis. Class a teacher, subject in charge and mentors analyzes the students for their learning level and identify them into three categories viz advanced, average and slow learners. Well-designed course manual is made available to all students, which also address the need of average learner.

Response to special educational/learning needs of advanced learners:

- Additional self-learning material on advanced topics and topics beyond syllabus is provided.
- The institute encourages advanced learners to take-up mini projects; undergo internships in industry and industry sponsored projects.
- Providing extended facilities to file a patent or product design.
- Institute promotes advance learners by organizing and participating technical events held at national level.
- Encourage student for civil service examinations such as UPSC and MPSC.
- EDC cell has been formed at institute level to aware students about Entrepreneurship.
- Promoting students for GATE, GRE, TOFEL, GMAT, CAT and PSU.
- Promoting interdisciplinary projects at BE level, PG level as well as interdisciplinary competition such as TIFAN, SUPRA, BAJA and GO-Karting etc.

Response to slow learners:

- Pre-requisite content is covered before starting the topic.
- First year department organizes training programs for handling engineering aids like drafting tools, scientific calculator and basics of computer.
- Based on the performance in internal tests, assignments practice sessions and remedial lectures are conducted to ensure learning up to required extent.
- One extra hour per week is allotted in the timetable for analytical subjects to enhance the problem solving skills of slow learners.
- Personal counselling on academics by subject teacher and counselling by Mentors on other stress related issues.

The facility of self-learning lab equipped with department library, Virtual lab, NPTEL videos, and Recorded video conference lectures at VC room on various topics are available