



"Empowerment through quality technical education"
Dr D Y Patil Educational Enterprises Charitable Trust's

Ajeenkya D Y Patil Group of Institution's Technical Campus
Dr D Y PATIL SCHOOL OF ENGINEERING

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)
AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720
(Accredited by NAAC)

VISION: "EMPOWERMENT THROUGH QUALITY TECHNICAL EDUCATION"

MISSION:

- M1: To excel as a center of excellence in technical education
- M2: To impact skill based education to meet the needs of industry and society
- M3: To achieve excellence in teaching, learning and research
- M4: To inculcate social and ethical values among the students

Best Practices

1. Project Based Learning:

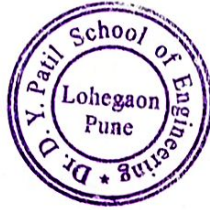
The one of the best practice in first year engineering is the implementation of Project Based Learning (PBL) in order to enhance the employability of students & also to enhance their practical problem solving abilities and equip them for success in the modern world. The PBL is implemented through Lab experimentations, design experiments, minor & mini projects, industrial sponsored projects, internships and various cells initiatives (EDC, III, R & D, TBI). The student preparing the projects spanning the areas from soft skills & technical skills and interview skills for enhancing technical skills and by virtue of which our students are representing the institute & presenting their innovative ideas at various project competitions at state & national level. More profoundly said entrepreneurship, innovation and knowledge are interrelated, due to which institute cultivate students toward entrepreneurship.

2. Think- Pair- Share Activity for Slow & Fast Learners:

In first year classrooms faculty have to deal with different types of students; some are very intelligent who learn very fast and some are quite weak who learn very slowly. Therefore we determine the abilities of the students in the class. Based on the ability determined, we observed that some students need only guidance and some students need a hard work and regular attention. Generally on the basis of their learning speed, students are classified in two groups; advanced learners and **slow** learners. In these groups, students think, pair and then share the outcome of task given by the faculty. Each type of students has different learning attitudes and learning habits. Our faculty has adapted a teaching methodology such that he/she may not lose the attention of the slow learners and bore the advanced learners. We keep records based on student progress and observation. This activity helps directly for improvement in the academics.

3. Remedial Classes for weaker students:

The environment in the first year engineering provides an ecofriendly atmosphere conducive for the development of the average & below average students. Remedial classes are conducted for first year students to improve the performance of weaker students in all subjects. These classes are conducted in three stages. During remedial classes subject content are again taught with more numerical with simplification and student's difficulties are solved. These classes facilitate one to one interaction between teacher and students. It has resulted in increased transition rate. Various teaching-learning tools are used for content delivery of syllabus. Blended M-Tutor and MOOCs along with Coursera, NPTEL, Virtual Labs, were conducted for quality delivery of the few contents of different courses.



A handwritten signature in blue ink, appearing to read "Ashok Kasnale", written over a horizontal line.

Dr. Ashok Kasnale
Principal

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