

Bharati Vidyapeeth's College of Engineering, Kolhapur
Year 2019-20

Best Practices

1. Title of the practice: Academic Monitoring System

- **Goal:** Improve the quality education with the help of regular, in time teaching and learning process in depth. The context: The problems of understanding and clarity in the subject were raised by the students. In such cases the faculty members are advised to open the subject with the models, kits, equipments and visualized the things form the real ground, in order to improve conceptual thinking of the students.
- **The practices:**
 1. Conducting the meetings with students of all department and discussing their difficulties
 2. Surprise visit in the classes (theory and practical)
 3. Academic audit is conducted by IQAC.
 4. Conducting the meeting of all departments in order to motivate and realize the responsibilities of the teacher form the academic point of view.
- **Evidence and Success:**
 1. Attendance of the subject is improved.
 2. Discipline is improved
- **Problems Encountered:** We raised questions in the class in connection with understanding of subjects as well as methodology used in teaching, depth of technical knowledge and exercise in connection with University examinations but, however, students are not responded as per our expectations.
- **Resources Required:**
 1. Teaching aids should be improved
 1. More emphasis should be on communication skill.

2 Title of practice:

An Educational website “www.simgraph.wordpress.com” for the First Year Engineering subject Engineering Graphics.

- **Goal:**

- Enhancing student-to-student and faculty-to-student communications.
- Enabling student centered teaching approaches.
- Providing 24/7 accessibility to course material
- Providing just-in-time methods to assess and evaluate student progress.

- **Context:**

Today, the role of educational technology in teaching is of great importance because of the use of information and communication technologies. With the help of various applications of the internet, teachers and students see the advantage of educational technology. The presence of educational technology is growing in the classroom. The new generation of students is ready to work with these new technologies, which play an important role in students learning and acquiring knowledge. In this context, internet website for learning finds great benefits to students.

- **Practice:**

To get benefitted by internet technology, a website “www.simgraph.wordpress.com” for first year engineering subject Engineering Graphics has been developed by Mr. M. S. Shinge, faculty from Mechanical department.

The features of website:

- Notes for each topic containing engineering drawings drawn by using Auto-Cad software.
- Topic notes are made interesting by using animated pictures.
- Question bank for each topic is uploaded.
- Useful links of other websites and youtube videos for particular topics are provided.

- **Evidence of success**

This website is started from academic year 2016-17. Impact of this activity is reflecting in the result of subject Engineering Graphics. 10 students got distinction in university examination.

User students of this website are increasing continuously.

Year	No. of views
2016	2367
2017	1298
2018	6778
2019	20429
2020	9387(till August 2020)
Total	40259

- **Problems encountered and Resources required:**

- Requires strong time management skills and self-motivation
- Internet and technology-dependent—susceptible to network connections, browser compatibility issues, etc.