

Best Practices - 1

Title of the practice: **Outcome Based Education (OBE)**

Object

In Rajamahendri Institute of Engineering & Technology, apart from the methods of teaching, Outcome Based Education (OBE) is also practiced. Activities are course seminar, course project, quiz, subject proficiency test that comes under the Outcome Based Education help a faculty member to assess the student on continuous basis. Even some of the engineering colleges around the country do not show interest to conduct the quiz, course seminar and course project facilities which are essential to the students.

The Context:

In Rajamahendri Institute of Engineering & Technology, internal assessment test, practical examination and university examination are the only possible ways of evaluating the academic performance of the student as per the university guidelines. These activities based on the education can make the transition between academic to work environment and life easy. It not only boost students' employment prospects but also the confidence level among students to meet in real life challenges.

The Practice:

Based on the schedule of academic calendar provided by the University, RIET college prepare its own calendar of events. In order to bring change in the skill levels of the students RIET college conducts competitions, workshops, presentations and organizes guest lectures to make the students familiar with the working principles of the corporate world. College conducts number of motivation classes to the student to encourage them to focus on their OBE along with the theoretical knowledge. RIET's mission of imparting quality education with an emphasis on OBE and social relevance strategically has transformed the campus environment through its curriculum infrastructure and emphasis on more labs, major projects, workshops etc which gives students hands on experience.

Evidence of success:

RIET created an excellent infrastructure in terms of spacious labs, equipped with state-of-the-art facilities, and trained faculty. The Management conducts training programmes to the students as well as to the faculty with frequent intervals. Regular motivational classes are conducted to make students aware about the importance of developing practical skills. Faculty members are allowed to attend relevant training programmes conducted by the Universities, IIT's and NIT's from which they can learn new methods and techniques and the same can be imparted to the students. Students are also motivated to attend various training programmes and certificate courses to improve their practical knowledge in one or the other field.

Problems Encountered and Resources Required:

The management is committed to perceive their students improving some practical skills which facilitate them to settle in their lives, there are so countless obstacles faced by both students and the staff members. For example, Students background, time constraints, lack of supporting staff, classroom management, adjustment problems to the students, High cost of training, students involvement and interest, the teacher student synchronization, and appraising the skills of the students are some of the problems we encounter with. In order to evade these problems we could do with fully equipped laboratories, trained faculty, library facilities to know the needs of the present world, follow up programmes to evaluate students perfection and etc.

Best Practices - 2

Title of the practice: **Enhancing the Employability Skills and Placements of Graduates**

- Pre placement training programs on aptitude skills, verbal, reasoning skills to enhance, guide and support students employability skills.
- To help students communicate more effectively with employers about their skills, subject knowledge and carrier and potentiality.
- Carrier counseling and guidance are provided to the students.
- Explicitly linking learning outcomes with employability skills
- The skill and other quality that enhanced application of subject knowledge the ability to critically analyze synthesize and challenge information.
- To develop practical skill and professional awareness among students.
- To provide awareness on latest technologies to make the students ready to face the challenges of modern world.

The context:

English has become a global language today. Communication skill in English along with technical knowledge enhances the employability skills of students. All the students inspite of Telugu medium or English medium background must possess good communication skills. To get equipped with good communication skills students require to undergo regular soft skills, communication skills, inter personal skills etc., right from their first year.

Ever changing Technological Advancements in engineering and technology urges the students to expose themselves to latest software tools and gain knowledge on latest developments in their core subject. Further exposure to the industry in the form of training and projects, helps the students to gain knowledge on industrial Technology and development.

The Practice:

A good personality and proper attitude is essential for a student to achieve their successful career. The foundation for a professional carrier is laid in student life itself. Our college provides many training programs for the students like CRT training, aptitude, soft skills, motivational classes etc., These programs built the critical thinking and decision making capabilities of a student. These CRT skills help the students in better way to achieve good placements in reputed organizations. These CRT skills help the students to prepare for competitive exams of government jobs, also help the students to crack the entrance exams like CAT, GRE, GMAT, TOFFL etc.,

By conducting personality development programs regularly, monitors the development of soft skills and inter personal skills. Mock interviews by industry experts are conducted to instill confidence among the students by providing necessary inputs to face the interviews.

To get placements in multinational companies college provides programming skills for the students. College conducts branch wise workshops for enhancing student growth towards their core subject. By conducting special classes and arranging training by industry expert enhances their programming skills. These skills provide the opportunity to strengthen their knowledge in their field and develop their programming skills.

Providing hands on training on latest software tools such as MATLAB, PSPICE design, PHYTON, HADOOP, CATIA etc., in pre final and final year by the resource experts. Organizing workshops on emerging Technologies such as Cloud Computing, Robotics, PCB layout designing, solar power energy etc., from second year onwards by eminent academicians and resource persons.

Evidence of success:

These development programs strengthen the students so that they can build their mental ability and communication skills. Skills are learned capacity to carry out specific tasks. They are competences of the talents to do things.

These proficiencies include critical thinking, outdoor and PPT presentation, or Technological skills are special abilities that are acquired through training and experience.

The building block of successful carrier development is comprised of four components: skills, values, Interests and personality traits. Our college develops these four components in the students by the rigorous training programs and keen observation.

Providing hand-on experience to the students on the latest software tools which has made them ready to face the latest challenges of the present industry ready. Exposing the students to latest technologies so that they can chose a particular filed and on a related technology and secures suitable employment for their bright future.

Problems Encountered and Resources Required:

Management made a decision and divide the faculty into teams and encourages faculty to go to reputed organizations to know their enhancement. This is an initiative step that was laid by our college management which enhances good results are needed to conduct various training programs, personality development programs and workshops on emerging technologies requires huge funds. Arranging internships in the industry to all the students is a challenging task to the administration. College need to recruit more number of faculties and professional trainers to conduct these programs.

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