

CRITERIA 7

SUB 7.2.1 (Best Practices)

Internship

1. Title of the practice - Internship

2. Objectives of the practice - An internship, aids engineering students to learn and sharpen in-demand technical skills, helps to learn professional ethics or etiquette and helps in polishing the soft skills.

3. The Context - An internship is a professional learning experience that offers meaningful, practical work related to a student's field of study or career interest. An internship gives a student the opportunity for career exploration and development, and to learn new skills.

4. The practice - Internships provide exposure to the real world. You can learn how to apply the knowledge you have acquired during an internship to your future workplaces. In addition to this, it is an excellent learning curve for young graduates and students while meeting new people and making connections in the professional world. The first and most important advantage of pursuing an internship is that you get to integrate the knowledge and skills that you learned in the classroom with actual work experience. Internships help you in testing out the practical aspects of what you know and focus on how to do a particular job.

5. Evidence of Success - The students exhibit their skills and talent along with the knowledge gained through internship by coordinating with their curriculum ,during exposure to the real time practice as Engineers, supervisors, Business owners and when working with various agencies including government and private sectors.

6. Problems Encountered and Resources Required:

The most faced difficulty is to allocate the time during academic hours and time management.

7. Notes (Optional): Nil

Student Counselling

1. Title of the practice - Student Counselling

2. Objectives of the practice - To provide holistic services and moral support to the students. To help them to resolve their emotional and behavioural issues.

3. The Context - The counselling cell comprises senior faculty to address the issues of both the gender. The cell is active in offering opportunities to the students to air their grievances, seek remedy through self introspection and it is successful in finding solutions to many complex issues posed by the students of both the genders.

4. The practice - By mentoring through individual counselling. By conducting workshops in the areas of stress management, emotional intelligence, self awareness etc.

5. Evidence of Success – With the help of Counselling sessions, students develop a strong psychological mindset, their problem solving skills are improved. Their perspective on how to behave with the society, in the society and for the society.

6. Problems Encountered and Resources Required:

The difficulty is to attract the students by which their focus and attention could be drawn during their leisure hours and time management among the students.

7. Notes (Optional):

Nil

Hackathon

1. Title of the practice: Hackathon

2. Objective of the practice: Objective of hackathon is to engage the students in rapid techniques and ways to emerge with engineering thoughts.

3. The context: The awareness among hackathons in students' circles. Product development should be unique and should be developed by the students for their knowledge .

4. The practice: The education system of India is forced on discipline, self-confidence and respecting all other creation. Even in holy places the education is preached, the system is focused on the moral, physical, spiritual and intellectual aspects of life. Compulsory education is one of the best modern education systems in the country. As a drawback there no creativity for the students compare to other countries as the learn on practical basis this system can be implemented

5. Evidence of the practice: Many hackathons are converted into real time projects and succeed to greater extent, hackathons are governed and many schemes are introduced for financing the project and also scholarships are provided for the students depending upon the projects. Patents are approved for some projects. During the hackathon there is a heavy competition among students and helps in a healthy competition.

6. Problem Encountered and Resource Required: The procedure and objective of hackathon is not clearly justified. The need for proper guidance, financial support, timely award and recognition is required for the student. Skilled trainers, space to establish the ideas and availability of resources for making the products on the market. The awareness about hackathon is spread up to some extent and not completely among institutions of India.

Mini Project

1. Title of the practice: Mini Project

2.Objectives of the practice: Objective of a mini project is to strengthen the understanding of your fundamentals through effective application of theoretical concepts.

3. The context: The environment and availability of sources has issues with the project. Selection of project ideas based on the factors and current technologies, innovation should be brought out through the project.

4. The practice : The education system of India is forced on discipline, self-confidence and respecting all other creations. Even in holy places the education is preached, the system is focused on the moral, physical, spiritual and intellectual aspects of life. Compulsory education is one of the best modern education systems in the country. As a drawback there no creativity for the students compare to other countries as the learn on practical basis this system can be implemented

5. Evidence of the result: Many mini projects are converted into real time projects and succeed to greater extent, mini projects are governed and many schemes are introduced for financing the project and also scholarships are provided for the students depending upon the projects. Patents are approved for some projects.

6. Problem encountered and resource required: The need of proper guidance, financial support, timely award and recognition are required for the student. Skilled trainers, space to establish the ideas and availability of resources for making the project on the market.