

## **Criterion – VII**

### **7. Best Practices**

#### **Practice 1**

##### **a) Title :**

Industry-Academia Interaction through Society of Petroleum Engineers Student Chapter.

##### **b) Goal :**

The purpose of a Student Chapter is to supplement students' formal education and enhance their professional development by establishing a link with the Industry Experts.

##### **c) The Practice**

Under the Society of Petroleum Engineers Student Chapter, the students organize various activities through out the year. In an effort to advance practical knowledge and attitudes toward the oil and gas business, the NWC SPE SC organized plethora of technical events, professional events, invited talks, cleanliness drives, donation drives, industry-academia interactions, field visit, workshops, and an annual festival called OLEUM.

The topics covered in the technical events include workshop sessions on Drilling Optimization, Drill Bit Basics and Applications, Geothermal Energy, Remote Operations and LWD and a guest talk on qualitative opportunities and research. The chapter emphasized on promoting cleanliness and awareness through Cleanliness drives. To encourage sportsmanship a badminton competition was also organized at the college level.

During a six-day event called "Geo Week," we demonstrated the Chandrayan mission (India's moon mission) and the locations of several conventional energy sources found throughout the world. The event also showcased rock and core samples.

Field trip to Kutch, Gujarat was organized in January. Kutch is a basin, has preserved sedimentation record from middle Jurassic to Quaternary. The field-trip helped to understand sedimentary environments.

In the annual festival Oleum, number of competitions and exhibitions were organized for overall growth of students which included quiz, memory-game, photography, rock painting, poster, and geo-cinema, etc. These activities helped to learn

about teamwork. Exhibition was organized to showcase the student's sample collection from field trip. Quiz competition for specially-abled students was conducted.

The student chapter's activities have provided insightful information about the sector and assisted in bridging the knowledge gap between theory and practice..

##### **d) Evidence of Success**

These interactions with the industry experts and hands on training by professionals have helped students in cracking interviews in National and International Companies.

With the help of the Student Chapter, we succeeded to bridge the distance between students and professional members of SPE. Apart from that, every individual gained an opportunity to develop communication skill which is most crucial to forging relationships thereby building our confidence. It also helped in developing decision-making skills and ability to work in team. The Chapter received an Excellence Award for its performance for the year 2022-23.

#### **e) Problems encountered and Resources Required**

The SPE Student Chapter is allotted for Engineering Courses and at Internationally acclaimed institutes. Establishing a SPE Student Chapter for a college offering a Science course was an herculean task. The illustrious performance of the alumni and reputation established in the industry over 30 years has been instrumental in establishing the chapter at Nowrosjee Wadia College.

#### **f) Context**

The students learn management skills as well as technical expertise required in the Oil and Gas industry.

#### **Practice 2**

**Special Assistance to Visually Impaired Students:** Nowrosjee Wadia College is a prime destination for higher education to visually impaired students. Visually impaired Students from various districts of Maharashtra come to study in Nowrosjee Wadia College. The number of visually impaired students studying in Pune city under S.P.P.U is highest in Nowrosjee Wadia College. Admission fees of visually impaired students are waved by college or very nominal fees are taken from the visually impaired students. Many facilities are provided to the visually impaired students. A separate space is provided to handicapped and visually impaired students. Ramps are constructed in all buildings for easily access to visually impaired students. Audio clips of various subjects are installed in the computer centre. As a part of their social assurance, writers for visually impaired students have to be provided by the parent institution.