

# **GUJARAT TECHNOLOGICAL UNIVERSITY**

## **DIPLOMA IN FABRICATION TECHNOLOGY**

### **SEMESTER: V**

**Subject Name: Professional Practices – I**

#### **Rationale:**

Most of the Diploma holders join industries; the selection for the job is based on interview (written/PI) or competitive test while selecting candidate as normal practice adopted is to see general **CONFIDENCE, ABILITY TO COMMUNICATE EFFECTIVELY** and **ATTITUDE** in addition to basic technological concept.

The purpose of introducing professional practice is to provide opportunity to student to undergo activities which will enable to develop confidence. **Seminar, presentation, group discussion, quiz competition are planned in a semester.** So, that there will be increased participation of student in learning process. Co-curricular and extra curricular activities are planned for overall development of students over and above the following are the areas suggested for student developments.

#### **Conduct the activities through active participation of students:**

- Surveying for local social problems, environment protection, unemployment, illiteracy, cleanliness.
- Conduct attitude, general knowledge test , IQ test
- Arrange training on YOGA, fire fighting equipment and first aid, maintenance of domestic appliances etc.
- Modular courses may be organized internally on personality development, entrepreneurship and self development, soft skill development, life skill, employability skill development, reading skill and expectation of industries.
- Develop leadership quality through sports activities and give focus on student achievements
- Prepare training plan for industrial training.
- Prepare career development plan by understanding concept of career development process (self awareness, occupational information, professional development, application). Career development is a life long process.
- Exposed students to creative and innovative thinking, critical thinking, and thinking process.
- Develop students through learning experiences with help of :-  
(1) Book      (2) Direct talk      (3) Mentoring

- |               |                |                                 |
|---------------|----------------|---------------------------------|
| (4) Classes   | (5) Panels     | (6) Bulletin board              |
| (7) Speakers  | (8) Web sites  | (9) Seminars                    |
| (10) Journals | (11) E-mail    | (12) Colloquium                 |
| (13) Course   | (14) shop talk | (15) Professional/Service group |

## **Skills Acquired Through Professional Practice -1.**

Potential Employers seek specialized skills and qualifications that suit a particular job profile. Obviously, these skills will vary depending on the job description. However, there are certain skills requirements that employers tend to cite across all disciplines for most jobs. These skills are useful in practically any job profile one might opt for. Listed below are some skills one can expect to possess as a result of professional practices-1, They are:

### **Communication**

- The ability to speak effectively to individuals and groups.
- The ability to use various forms and styles of written communication.

### **Critical Thinking**

- The ability to identify quickly and accurately the critical issues when making a decision or solving a problem.
- The ability to analyze the interrelationships of events and ideas from several perspectives.

### **Human Relations and Interpersonal Dynamics**

- The ability to generate and maintain group cooperation and support.
- The ability to interact effectively with peers, superiors, and subordinates.

### **Leadership and Management**

- The ability to motivate and lead people.
- The ability to organize people and tasks to achieve specific goals.

### **Investigation**

- The ability to identify problems and needs.
- The ability to identify information sources for special needs or problems.

### **Planning**

- The ability to identify alternative courses of action.
- The ability to predict future trends and patterns.

### **Personal/Career Development & Learning**

- The ability to identify one's values, beliefs, strengths and weaknesses.
- The ability to accept and learn from criticism.

All of these and more can contribute to a well-rounded and forward thinking student as well as successful hire. This not only helps the students to see and achieve things at hand, but looks beyond them and makes decisions based on the big picture.

Professional practices-1 gives the tools to create a well-rounded view of your world and the lessons that the students learn from it.

An education in professional practices prepares students to assume positions of leadership and to be flexible in the marketplace. They may acquire specific job skills while in the institute, but with a solid education in professional practices, an individual is not limited to a

particular niche, but prepared for a wide range of opportunities for the rest of their life. A broad-based professional practices education does more than prepare the students for a job. It lays the foundation for a future career and also prepares a student to succeed in the global world.

Employers realize that a degree in professional practices prepares students to be involved in the process of learning and build their leadership skills, whether internally in their capabilities or sharing wealth of knowledge with others. Professional practices gives students tools beyond mere textbook information. What is learned from tutorials of discussion, debate, controversy, presentations, assignments and critical thinking all prepare one for the world ahead. It is this; a professional practice teaching that lends itself more tools than an employer can pass up.