

# **Guidelines for Industrial Training - ITE5621 and Industrial Application Development Project – ITE5622**

**Note:** Students are allowed to register for Industrial Training (ITE5621) or Industrial Application Development Project (ITE5622) only at Level 5.

## **01. Industrial Training Course - ITE5621**

### ▪ **Course Aim/s**

- ✓ Expose the students to actual working environment and enhance their knowledge and skill, and to teach the good qualities of integrity, responsibility and self-confidence.

### ▪ **Programme Learning Outcomes (PLO)**

- ✓ **PLO1:** Practical Knowledge and Application  
Analyze complex, real-world problems to identify and define computing requirements and apply computational approaches to the problem-solving process.
- ✓ **PLO2:** Communication  
Communicate effectively with diverse audiences the technical information that is consistent with the intended audience and purpose.
- ✓ **PLO3:** Teamwork and Leadership  
Exhibit independent and collaborative responsibility to function effectively as an individual and in teams, and enhance situational leadership and team player capability in the working environment.
- ✓ **PLO4:** Creativity and Problem Solving  
Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the IT discipline.
- ✓ **PLO5:** Managerial and Entrepreneurship  
Function effectively on teams and employ self- and peer-advocacy to address bias in interactions, establish goals, plan tasks, meet deadlines, manage risk, and produce deliverables.
- ✓ **PLO6:** Information Usage and Management  
Identify and analyze user needs and consider them during the selection, integration, and administration of computer-based systems.

✓ **PLO7: Networking and Social Skills**

Exhibit adequate soft skills in social engagement and ability to corporate with the society improving positive connections, social responsibility and ethics.

✓ **PLO8: Adaptability and Flexibility**

Regulatory responses to academic novelty, uncertainty, and change that lead to enhance the learning process, and integrate new information technologies and draw conclusions to develop personalization.

✓ **PLO9: Attitudes, Values and Professionalism**

Make informed judgments and include unique perspectives of others in computing practice based on legal and ethical principles.

## 02.Industrial Application Development Project Course - ITE5622

- **Course Aim/s**

- ✓ To give industry application development familiarity with full software development lifecycle experience targeting future entrepreneurship.

- **Programme Learning Outcomes ( PLO)**

- ✓ **PLO1: Theoretical Knowledge**

Establish the fundamental and specialized knowledge in the area of Information Technology for critical analysis of problems, designing and proposing solutions.

- ✓ **PLO2: Practical Knowledge and Application**

Analyze complex, real-world problems to identify and define computing requirements and apply computational approaches to the problem-solving process.

- ✓ **PLO3: Communication**

Communicate effectively with diverse audiences the technical information that is consistent with the intended audience and purpose.

- ✓ **PLO4: Teamwork and Leadership**

Exhibit independent and collaborative responsibility to function effectively as an individual and in teams, and enhance situational leadership and team player capability in the working environment.

- ✓ **PLO5: Creativity and Problem Solving**

Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the IT discipline.

- ✓ **PLO8: Networking and Social Skills**

Exhibit adequate soft skills in social engagement and ability to corporate with the society improving positive connections, social responsibility and ethics.

- ✓ **PLO9: Adaptability and Flexibility**

Regulatory responses to academic novelty, uncertainty, and change that lead to enhance the learning process, and integrate new information technologies and draw conclusions to develop personalization.

- ✓ **PLO10: Attitudes, Values and Professionalism**

Make informed judgments and include unique perspectives of others in computing practice based on legal and ethical principles.