

TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES

WEEKLY LESSON ACTIVITY PLAN
(WLAP)

Grading Period : Prelim
Week : 5
No. of Hours :
Lecture : 2
Laboratory : 3

Course/Subject : CPE 132 / ELECTIVE 2 - ARCHITECTURE OF EMBEDDED SYSTEMS

Intended Learning Outcomes (ILOs)	Topics	Teaching and Learning Activities (TLAs) and Assessment Tasks (ATs)	Instructional Materials (Text, Ref. Media)	Remarks/ Suggestions for Improvement
1. Create an idea on how the embedded system connects to human and physical interfaces 2. Evaluate the functionality of LED and Liquid Crystal display 3. Discuss the interfacing of embedded system into the physical world	LECTURE 1. Human and Physical Interfaces a. Human interface definition b. Conversion of switches to keypad c. LED display d. Liquid Crystal display 2. Interfacing to the physical world LABORATORY Experiment # 3: Toggle an LED	Teaching and Learning Activities (TLAs): Lecture Group discussion Assignment Assessment Tasks (ATs): Recitation Short Quiz	Reference book Power point presentation	

Prepared by: <u>ENGR. RONNIE M. DYSANGCO</u> Faculty Member's Printed Name and Signature	Noted by: <u>ENGR. MARIA CECILIA A. VENAL</u> Department Chair	Approved by: <u>DR. JESUSA N. PADILLA /</u> <u>DR. CYNTHIA C. LLANES</u> Dean/VPAA
Date:	Date:	Date: