

## **Appendix D: Questionnaire sample and the survey result**

### **Questionnaire sample:**

#### **Survey on the interactive lab activity**

Thank you for taking the time to complete the following evaluation of lab activity. The information you provide will be used to help us improve the content of the lab and monitor the quality of our program.

1. Which of the following best describes your knowing to the jigs and fixtures?
    - ☐ Haven't seen any of the actual jigs and fixtures
    - ☐ Have a little knowing of the jigs and fixtures
    - ☐ Know well of the jigs and fixtures
  2. Was it difficult to get to know the jigs and fixtures through the 2D/3D drawings?
    - ☐ Yes
    - ☐ No
    - ☐ Maybe
  3. Was it clarified to have an observation of the actual jigs and fixtures with a brief description?
    - ☐ Yes
    - ☐ No
    - ☐ Maybe
  4. How the flash improve your understand the function and structure of the jigs and fixtures?
    - ☐ Greatly helpful
    - ☐ Not so helpful
    - ☐ Cannot help me
  5. Was the interactive lab activity making you learn more knowledge of the jigs and fixtures?
    - ☐ Yes
    - ☐ No
    - ☐ Maybe
- If not, could you please list your question here?

6. Overall, could you rating the lab activity related with the jigs and fixtures?
  - ☐ Good
  - ☐ Average

- ☐ Poor  
☐ Terrible

7. Would you recommend the type of lab activity for your study?

- ☐ Yes  
☐ No

If not, could you please list any reasons?

### Survey result

Class: 1PD and PEM2 (05003)

Question / Answer	1	2	3	Total
1	5.9%	76.5%	17.6%	100.0%
2	11.8%	11.8%	76.5%	100.0%
3	70.6%	0.0%	29.4%	100.0%
4	64.7%	35.3%	0.0%	100.0%
5	88.2%	0.0%	11.8%	100.0%
6	35.3%	64.7%	0.0%	100.0%
7	94.1%	5.9%	0.0%	100.0%

Class: HD2 and PIT2 (45086 / 73027)

Question / Answer	1	2	3	Total
1	0.0%	100.0%	0.0%	100.0%
2	64.3%	14.3%	21.4%	100.0%
3	71.4%	0.0%	28.6%	100.0%
4	42.9%	57.1%	0.0%	100.0%
5	64.3%	0.0%	35.7%	100.0%
6	28.6%	57.1%	7.1%	92.9%
7	92.9%	0.0%	0.0%	92.9%

Class: BEng (45090)

Question / Answer	1	2	3	Total
1	13.5%	70.3%	16.2%	100.0%
2	35.1%	32.4%	32.4%	100.0%
3	73.0%	27.0%	0.0%	100.0%
4	64.9%	32.4%	2.7%	100.0%
5	75.7%	2.7%	21.6%	100.0%
6	45.9%	51.4%	2.7%	100.0%
7	94.6%	5.4%	0.0%	100.0%