

# ***Mechanical Design for Weakness Proof***

*Mentor: Hung-Wen Huang*

*Location: TW Hsinchu*

*Duration: 6 months or above is preferred*

## **Overview**

Mechanical Design / Mechanics Analysis on weakness points finding and improvement

## **Objectives**

- Idea discussion and related information searching
- Collection / finding on possible scenarios
- CAE on some of our real cases in previous project
- Build up control group by experiment
- Results and Conclusion
- Output Guideline and Lesson Learnt

## **Requirement**

- Strong knowledge on CAE tools such as Ansys / Nastran
- 3D CAD / Pro Engineering or Solidworks
- 2 or 3 full days per week, 6 months or above period
- Interested in problem debug and finding solution
- Strong organizer / planner