

Project title: “Designing and producing a model of two seat hybrid car serving training bachelor programs in mechatronics and automotive engineering”

❖ **Objectives:**

1. Studying, manufacturing a model of hybrid car.
2. Designing experimental sessions helping students to gain knowledge and skills to use the models
3. Gaining a method of programming to control the model.

❖ **Contents:**

1. Building technical requirements of hybrid car serving research and training.
2. Calculating and designing the a model (mechanical part)
3. Manufacturing the model
4. Designing and manufacturing electronic circuit.
5. Writing control program
6. Testing the model
7. Writing the guidance
8. Writing experimental sessions
9. Reporting the project

❖ **Implementation period:** 4/2012-4/2013

❖ **Implementation person:**

Nguyen Van Dinh, Faculty of Mechanical Engineering

❖ **Results:**

1. A model of two seat hybrid car
2. Experimental sessions
3. An artical published on a recognized journal

Applied Place:

1. Faculty of Mechanical Engineering.