



### Contact Info

|                   |                                     |
|-------------------|-------------------------------------|
| Name              | Le Quang Vu                         |
| Academic Position | Lecturer                            |
| Academic Degree   | Master                              |
| Office            | Department of Automotive Electronic |
| Building          | Automotive Electrical Workshop      |
| Phone             | +(84) 973777077                     |
| Email             | Vulq@hcmute.edu.vn                  |

### Fields of Expertise / Research Interests

Automotive Electronical and Electrical systems

### Education Career

2007: Engineer Degree, major “Vehicle Engineering” in HCMUTE (VN)

2014: Master Degree, major “Vehicle Engineering” in HCMUTE (VN)

### Publication

| No | Project title/Field of research and application   | Date of completion | Project level   | Responsibility |
|----|---|--------------------|---|----------------|
| 1. | A study on fuel pump control circuit for engines used carburetor  | 2007               | HCMUTE University distinguished project (GV61-2007)   | Director       |
| 2. | Research on testing system controlled by computer for 01-cylinder engine                                  | 2008               | HCMUTE University distinguished project. (T52-2008)   | Director       |
| 3  | Research on the teaching model of digital information systems on vehicle                                  | 2010               | HCMUTE University distinguished project (T2010-28)    | Partner        |
| 4  | A study for IDL speed control of some engine types in Viet Nam  | 2010               | HCMUTE University distinguished project. (T2010-25)   | Director       |
| 5  | Designing and manufacturing teaching model of body electric system  | 2010               | HCMUTE University distinguished project. (T2010-65)   | Director       |
| 6  | Research and manufacturing the communication circuit of fuel injection engine model for distance practice | 2011               | HCMUTE University distinguished project. (T2011-13TĐ) | Partner        |

|    |  |      |  |          |
|----|--|------|--|----------|
|    | teaching   |      |  |          |
| 7  | A study on building the theory of hybrid ignition system   | 2011 | HCMUTE University distinguished project (T2011-46)   | Director |
| 8  | Research, design, manufacturing the control system to provide fuel on Commonrail diesel engine used CNG-diesel dual fuel | 2012 | Ministry level project (B2012-22-01)                 | Partner  |
| 9  | Research, evaluate and propose ways to recovery the waste heat from exhaust of IC engines                                | 2013 | HCMUTE University distinguished project (T2013-73)   | Director |
| 10 | Research, manufacturing model of thermoelectric generator using exhaust heat from the engine                             | 2014 | HCMUTE University distinguished project (T2014-23TĐ) | Partner  |
| 11 | A study and making the small dynamometer for motorbike engine  | 2014 | HCMUTE University distinguished project (T2014-69)   | Director |

| No | Publications  | Author  | Publisher   | Publishing date |
|----|---|---|---|-----------------|
| 1. | Research to determine the waste heat from the exhaust of gasoline engines through Lambda coefficient                | Do Van Dung,<br>Le Quang Vu,<br>Huynh Phuoc Son | National Conference of Viet Nam Association for Fluid Mechanics | 2013            |
| 2. | the study on application of the seebeck effect to the energy recovery from exhaust gas by thermo-electric generator | Do Van Dung,<br>Le Quang Vu,                    | Journal of Technical and Education Science                      | 2014            |
| 3  | A study on application seebeck effect to waste heat recovery from exhaust gas of internal combustion                | Do Van Dung,<br>Le Quang Vu,<br>Huynh Phuoc Son | National Conference of Viet Nam Association for Fluid Mechanics | 2014            |
| 4. | Building the ignition timing advance map of gasoline engine by signal   | Do Van Dung,<br>Le Quang Vu,<br>Nguyen          | National Conference of Viet Nam Association                     | 2015            |

|  |                            |            |                     |  |
|--|----------------------------|------------|---------------------|--|
|  | of Electronic Control Unit | Hoang Phuc | for Fluid Mechanics |  |
|--|----------------------------|------------|---------------------|--|