

**Nguyen Huu That**  
[thatnh@ntu.edu.vn](mailto:thatnh@ntu.edu.vn)

Faculty of Mechanical Engineering  
Nha Trang University,  
02 Nguyen Dinh Chieu St.,  
Nha Trang city, Vietnam

## **EDUCATION**

*National Kaohsiung University of Applied Sciences*, Taiwan  
PhD degree about Mechanical Engineering , 2013-2017

*Hochiminh City University of Technology*, Vietnam  
Master degree about Manufacturing Engineering , 2002-2005

*Nha Trang University*, Nha Trang, Vietnam  
Engineer of Manufacturing Engineering , 1996-2001

## **RESEARCH INTERESTS**

2013-2017: Study on dynamic of machine tool and optimization of machining parameters in hard milling.

2008-2009: Study on design of watertight electric motor for the quaculture.

2002-2005: Study on hydrodynamic bearings.

## **TEACHING RESPONSIBILITY**

### **Undergraduate**

1. Tolerances and fits
2. Fundamentals of manufacturing engineering
3. Material-removal processes
4. Engineering metrology and inspection

## **PUBLICATIONS AND PRESENTATIONS**

### **Journals and Presentations**

1. Quang-Cherng Hsu and **Huu-That Nguyen**. Study on cutting forces in the hard milling of hardened SKD 61 steel using Taguchi and response surface methodology. The International Conference on Computing and Precision Engineering, November 27-30, 2015, Taiwan.
2. **Huu-That Nguyen** and Quang-Cherng Hsu. Surface Roughness Analysis in the Hard Milling of JIS SKD61 Alloy Steel. Applied Sciences, Vol. 6, No. 6 (2016): pp.172, 2016.
3. **Huu-That Nguyen**, Quang-Cherng Hsu and Chun-Hung Liu. Study on Preform Design of Multi-Stage Forging for Connecting Rod to Upgrade Material Retention Ratio, 2nd Annual 2016 International Workshop on Materials Science and Engineering [IWMSE2016], Aug. 12~14, 2016 Guangzhou, Guangdong, China.
4. **Huu-That Nguyen** and Quang-Cherng Hsu. Study on Cutting Forces and Material Removal Rate in Hard Milling of SKD 61 Alloy Steel. Journal of the Chinese Society of Mechanical Engineers, Transactions of the Chinese Institute of Engineers - Series C 38(1):41-51, March 2017.
5. Anh-Tuan Do and **Huu-That Nguyen**. Optimizing on Surface Roughness and Materials Removal Rate for Milling SKD61 Hardened Steel with Taguchi Methods and Response Surface Methodology, Journal of Science and Technology, ISSN 2354-0575, No. 14, June - 2017.