**To whom it may concern**

This is to certify that \_\_\_\_\_\_\_\_\_\_\_\_\_ was awarded the

Degree of **Doctor of Philosophy** with a specialization in

**Materials Science and Engineering** together with all the honors, rights, and privileges belonging to that degree. His Ph.D. dissertation was entitled **“\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_”** and all the courses were delivered in English.

Based on the recommendation of the Faculty of the Department of Materials Science and Engineering, College of Engineering, the degree was issued by the University President with registration number \_\_\_\_\_\_\_\_\_\_\_in June, two thousand and twenty four.

Best Regards,

Professor and Chairman

Department of Materials Science and Engineering

National Taiwan University of Science and Technology