





**MEMORANDUM OF UNDERSTANDING**  
**ACADEMIC COLLABORATION**  
**Between**  
**SCIENCE EDUCATION CENTER**  
**NATIONAL TAIWAN NORMAL UNIVERSITY (NTNU)**  
**And**  
**STUDY PROGRAM OF CHEMISTRY EDUCATION**  
**FACULTY OF MATHEMATICS AND SCIENCE**  
**UNIVERSITAS NEGERI MALANG (UM)**  
Nomor: 17.3.69/UN32.3/KS/2023



The Science Education Center, NTNU, and the Study Program of Chemistry Education, Faculty of Mathematics and Science, UM, believe that mutual benefits can be derived by bridging their two institutions, achieving a closer relationship by linking their scholars, and personnel for academic collaboration. Both institutions share the strong conviction that mutual understanding among people can be promoted through the establishment of academic links. Therefore, both institutions agree to enter into this Memorandum of Understanding (MOU) on Academic Collaboration.

1. Each institute will make an effort to promote and develop cooperation in the following activities, upon the principles of equality and reciprocity.
  - a. Exchange of faculty members and research fellows.
  - b. Exchange of academic materials, publications, and information.
  - c. Promote links in teaching and research activities on chemistry education.
  - d. Other activities agreed upon by two institutions.
2. Each institute does not assume any financial responsibilities by this agreement. Nothing in this agreement constitutes any relationship of employer or employee, principal and agent or partnership between the institutes. No institute shall have any authority to bind the other in any manner whatsoever. This agreement is not an exclusive arrangement. Each institute is at liberty to enter into agreements or arrangements with other educational institutions.
3. Any technology, invention, creative work, research outcomes or related intellectual property developed in the joint project shall belong to both institutes.
4. Institutes will consult each other in relation to revisions or additions to the agreement. Both institutes commit themselves to inform the other promptly about necessary changes in the agreement.
5. The agreement shall come into effect on the date of the signatures to the agreement and shall be valid for a period of five years. The validity of the agreement may be extended after mutual consultation.

This agreement has been read and approved by:

  
  
Prof. CHUN-YEN CHANG  
Director  
Science Education Center  
NATIONAL TAIWAN NORMAL UNIVERSITY

Date: 17 / March / 2023

  
  
Prof. HADI SUWONO  
Dean  
Faculty of Mathematics and Science  
UNIVERSITAS NEGERI MALANG

Date: 17 / March / 2023