

# **DEVELOPMENT OF COLLABORATION BETWEEN UNY'S CHEMISTRY EDUCATION AND THE USD FACULTY OF PHARMACY UNDERGRADUATE STUDY PROGRAM THROUGH DRAFTING PATENTS AND COPYRIGHTS IN THE FIELD OF GREEN CHEMISTRY**

**by Prof. Dr. Dra. Eli Rohaeti, M.Si./NIP. 19691229 199903 2 001 Prof. Dr. Dra. Isana Supiah Yosephine Louise, M.Si./NIP. 19610923 198812 2 001 Prof. Dr. Endang Widjajanti L.F.X., M.S./NIP. 19621203 198601 2 001 Dr. Suwardi, S.Si., M.Si./NIP. 19670722 199512 1 001 Dr. Kun Sri Budiasih, M.Si./NIP. 197202**

## **ABSTRACT**

Collaboration is carried out with partner universities that have quite a large number of research activities and have the potential for patents and other types of IPR. The problems encountered in partner PTs are the low number of research types with patent potential and the low number of research outputs in the form of patents, simple patents and copyrights. In this way, collaboration can be carried out through selection activities of various research that have been carried out by partner PTs and analysis of research that has potential for patents and other types of IPR, as well as technical guidance on patent drafting. The solution to the problems faced by PT partners is through the development of research ideas based on local natural resources as well as assistance in selecting research activities that have the potential to be patented. Furthermore, the solution to the problems of PT partners related to the low number of research outputs in the form of IPR (patents, simple patents, copyrights, and the like), is through technical guidance activities for drafting patents. PPM activities that have been carried out can provide knowledge about research in the field of green chemistry based on local natural resources of partner PTs that have the potential for patents and other types of IPR so that partners can create various green chemistry research themselves, adding insight for partners on how to carry out drafting. patents based on research that has been carried out are shown by an increase in pre-test and post-test scores, can foster enthusiasm and independence of partner students to make products based on local natural resources and are environmentally friendly based on the suggestions given, and increase partner awareness to care more about the environment by utilizing local natural resources into something useful.

*Kata Kunci: drafting of patent, green chemistry, IPR, and local natural resources*