We held a laboratory-based joint global PBL program which assigns a laboratory to each student in ERICA campus, Hanyang University (HYU), Korea. In this program, HYU gave an international environment to conduct a research, and each student joined a laboratory. Laboratories are assigned by us and HYU’s professors based on their research plans and research fields. Therefore, the program requires basic research skills for participated students because they need to conduct their research and to discuss with the assigned professor in English. In this year, 4th grade barchelor course student and 1st grade master course student joined this program. One student conducted a research to control unmanned aerial vehicle (UAV) for the disaster recovery scenario. another student conducted a research to evaluate speech quality using deep learning for speech communication systems. In addition, Sepulur Nopember Institute of Technology (ITS) joined this gPBL program, and two ITS students participated. However, since they are 1st or 2nd grade student, they studied the basic content of interested research topics such as 5th generation mobile networks. In the period of this program, each student joined and stayed at the assigned laboratory, and they discuss the details of their research with the HYU’s professors and other students. Since their research plan has already been shared before the period, they could communicate with professors and proceed their research smoothly. As a result, they could learn how to tell and discuss their research in English as well as the English communication skills.