

Chapter 1

Introduction

1.1 Host Institution Description

The Indonesia International Institute for Life Sciences (i3L) is a prestigious higher education institution situated in Jakarta, Indonesia, that was established in 2012. Its primary mission is to provide top-tier education and conduct advanced research in the fields of Science and Technology. i3L presently provides six undergraduate programs through the School of Life Sciences, which include Bioinformatics, Biomedicine, Biotechnology, Food Science and Nutrition, Food Technology, and Pharmacy. Additionally, the School of Business offers four undergraduate programs: Business and Entrepreneurship, Creative Digital Marketing, International Applied Accounting, and International Business and Management. Furthermore, there is a master's program available in Biomangement. Alongside these degree programs, i3L also delivers professional training and courses in the fields of life sciences and management.

i3L has a vision to become a leading interdisciplinary higher education institution that is globally connected and directly impacts the society through science and innovation. To achieve this vision, i3L has established four missions: 1) To deliver an inter-, multi-, and transdisciplinary education in life sciences at an international level, as well as to support the development of our students' scientific and entrepreneurship thinking in accordance to their disciplines, 2) To conduct collaborative research and development activities in life sciences and business with other higher education institutions, the business sector, and the government, 3) To develop innovations in life sciences and implement to improve Indonesia's quality of life, and 4) To maintain a continued collaboration with the government and both local and international higher education institutions in order to implement the Tridharma activities. i3L's three core values are grit, role-model, and integrity.

1.2 Department Description

The Pharmacy study program at i3L is internationally recognized and strives to equip students with the expertise to address a wide range of medical issues effectively. The study program's primary objective is to prepare future pharmacy graduates that possess both research and clinical proficiency, as i3L recognized the need for highly skilled research pharmacists in Indonesia. Therefore, i3L's Pharmacy program provides practical, hands-on exposure to advanced laboratory methods, semi-independent projects, clinical case analyses, and optional courses that foster interdisciplinary understanding in the field of life sciences. This program employs the triple-helix framework, involving academia, industry, and government, to strategically plan and execute community-oriented pharmaceutical research and development that is highly pertinent. The current Head of Department of i3L's Pharmacy program is apt. Fandi Sutanto, M.Si., Ph.D., who reports to the current Dean of School of Life Sciences (apt. Pietradewi Hartrianti, M.Farm., Ph.D.). The Head of Department is responsible for faculty members that may include assistant professors and lecturers. Assistant professors and lecturers are responsible for teaching the students.