

## **Repositioning industry R&D units into tertiary education research laboratories**

Stephen Oluwatobi, Adedeji Afolabi, Patience Tunji-Olayeni, Afolashade Oluwatobi  
and Onyeka Emebo

Published Online: 16 Feb 2023

### **Abstract**

Research and development (R&D) play a crucial role in the development and sustainability of many economies. Therefore, world leaders in developed and developing countries have consciously engaged R&D activities to improve their cities, standard of living of its citizenry and installation of adequate military defence systems. Global spending on research and development (R&D) has reached a high of almost US \$1.7 trillion dollars in 2017. The study posits that public and private firms can reposition its R&D units into research laboratories in tertiary institutions which can result in mutual benefits for both institutions. The study showed how industry R&D units can be interpolated with existing tertiary education research laboratories by developing a framework for successful integration and migration. In addition, the study showed that there are drivers and barriers in the collaborative framework between Industry and education research labs.

### **Keywords**

collaboration, industry, research and development, R&D, research laboratories, tertiary education