**INDUSTRIAL CHEMISTRY**

**WHAT IT ENTAILS?**

Through quantitative and qualitative analysis, an industrial chemist studies physical and chemical properties to determine the composition of various organic and inorganic substances. This information is then used to create new substances and products for all types of industry. Depending upon their level of education, this chemist may conduct research, teach, or work in a lab for a company or other organization. One of the responsibilities of an industrial chemist may include experimentation to identify the composition of various types of chemicals and chemical compounds. Sharing specialized knowledge, new product development and market research may also be a part of the industrial chemist's duties.

The chemist may also develop or improve products, formulas, analytical methods, and processes. Some industrial chemists work to improve product efficiency or to create better building materials, plastics, textiles, or petroleum products. They may help to set new industry standards, improve production techniques, and increase the effectiveness of various chemical processes.

* The goal of the program is to produce graduates who are well-grounded in chemistry and skilled in industrial chemistry.
* As well as relevant chemical engineering knowledge to meet the needs of industry, academia and society.
* It is a blend of chemical engineering and pure chemistry. It includes Unit operations and Unit processes.

**Career opportunities**

* Based on this course, you can get job in any chemical industries, pharma industries, polymer industries, paint & varnish industries, Petroleum industries and you can also join any chemical laboratory.
* After completing this course you can also join academics (Teaching field).

**Expected Earnings As At 2022**

* Entry level industrial chemists make about 47k naira every month.
* Mid-level industrial chemists make about 105k naira every month.
* Senior level industrial chemists make about 147k naira every month.