

TITLE OF ACTIVITY: Self Stabilizing Platform

SDG Description: 4,8,9

Venue: Electrical Engineering Department NUTECH

Mode: Physical

Date: July/ August 2024

Duration: One Year



Brief Explanation of the Activity:

The self-stabilizing platform signify an advancement in the fields of engineering and technology, with deep implications for sustainability and innovation. A self-stabilizing platform refers to a system that can autonomously adjust its position, orientation, and functionality in response to external forces, without requiring manual involvement. In this innovation we applied innovative algorithms, sensors, and feedback mechanisms to maintain stability in vigorous environments. This makes it ideal for applications in renewable energy, autonomous transportation, health, military and disaster response. This program is the first in its nature locally and will help a lot for the indigenous solutions. The program will be a beam of light for many industries.

Pictorial Evidence:

