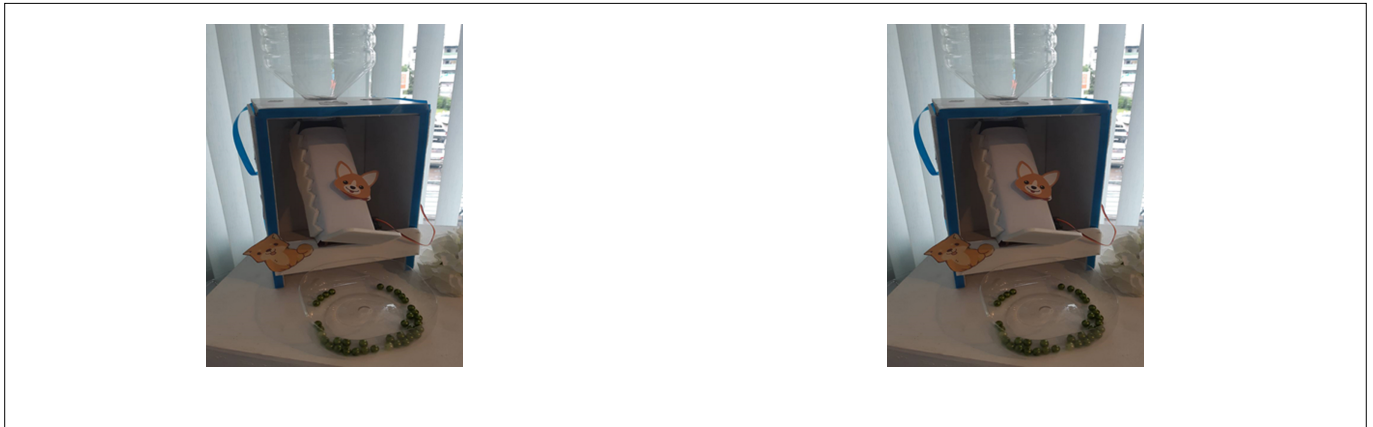




Smart Automatic Feeder



Name of College Khonkaen Vocational College

Type of English Presentation Innovation and Invention Based on Research Methodology Contest

<p>Abstract :</p>	<p>The objectives of this study were: 1) to develop the Smart Automatic Feeder, 2) to find the performance of Smart Automatic Feeder. The machine was developed by SDLC (System Development Life Cycle) methodology. The instruments used were 1) Development tools: ESP32 electronics board that coding by C language programming, 2) find the performance by collecting data with a five-point Likert scale questionnaire adopted from BlackBox design taxonomy to find the efficiency of Smart Automatic Feeder. The samples were selected from 3 expertise and 9 cases of the animal lover. The quantitative data were analyzed using the descriptive statistics of arithmetic mean and standard deviation. The results of the study revealed that Smart Automatic Feeds is working well, and the performance is high.</p>
<p>Features and Benefits :</p>	<p>the Smart Automatic Feeder is an animal feeding machine that controls via WIFI or Internet. The results of the study revealed that Smart Automatic Feeds is working well, and the performance is high. The efficiency of Smart Automatic Feeder is feeding an animal via WIFI or Internet.</p>

Advisor

Name
1. Dr.Arthit Kleebrung
2. Dr.Kittkhan Patipant
3. Mr.Chalermrach Chaidech
4. Mrs.waranee Chaisaen
5. Mrs Napaporn Gonmanee

Inventor

Name
1. Mr.Apsit Suksangrat
2. Mr. Keatitkun Supakornkul
3. Miss. Ratchanee Selea
4. Mr. Apipong Antawong
5. Mr. Tanawat Leakol