

โครงการหุ่นยนต์เตือนภัยพิบัติ
The robot warning to the disaster project.



โรงเรียนร่องคำ อำเภอร่องคำ จังหวัดกาฬสินธุ์

Rongkham School

Rongkham District, Kalasin Province, THAILAND.

สำนักงานเขตพื้นที่การศึกษามัธยมศึกษา เขต 24

Educational office of Secondary school area 24

กระทรวงศึกษาธิการ

Ministry of Education.



Submission Form of SEAMEO-Japan ESD A Ward

The robot warning to the disaster project.
Rongkham School, Rongkham district, Kalasin Province, Thailand.
Educational office of secondary school area 24.
The type of robot project: autonomous robot.
The level of education: secondary school level.
The name of team project: The yellow-gray students of Rongkham schools.

Part 1 : Details of Your School

1. Name of your school : Rongkham school, Kalasin Province, THAILAND.
2. Full address : 100 Moo 13 , Rongkham District, Kalasin Province, THAILAND.
3. Postcode : 46130
4. Country : THAILAND
5. Telephone number : +884389-7030
6. Fax : +8843897-7295
7. Name of the Head Master/Principal/School Director : Mr.Prapan Tuksino
8. Name of Teacher coordinator : Miss Klomjit Donpirom
9. Email address : Ugly_duck2550@hotmail.com
10. School website : [Http://www.rongkham.ac.th](http://www.rongkham.ac.th)
11. Educational level : secondary school (Mattayommasuksa 1 to 6).
12. Number of teachers in your school : one hundred teachers
13. Number of students in your school : two thousand and one hundred fifteen students
14. Please provide the name of teachers and students who were/have been involved in the planning and implementation of this school activity/program on Education for Disaster Risk Reduction.

Teachers :

1. Miss Klomjit Donpirom Telephone +66 862 217 604
E-mail: ugly_duck2550@hotmail.com.
2. Mrs. Jetsudaporn Yubolsai Telephone + 66 819 767 321
E-mail: Yubolsai@yahoo.co.th.
3. Mr. Jaturong Kamonlert Telephone + 66 8345 01327

The trainer and translation in English's presentation.

1. Mrs. Jetsudaporn Yubolsai Telephone + 66 819 767 321
E-mail: Yubolsai@yahoo.co.th.

Students :

1. Mr. Supattachai Radasai : Muttayommasuksa 5
2. Mr. Nares Srichai : Muttayommasuksa 5
3. Mr. Kittichai Homepan : Muttayommasuksa 5
4. Mr. Keattisuk Pukdikeaw : Muttayommasuksa 5

Part 2 : Information about the School's Activity / Program on Education for Disaster Risk Reduction. The information of part 2 from 1 to 11 should be no longer than eight pages long (A4 type, Arial font, size 11 point). A half to one page A4 of the project summary should be included.

The title of activity on Education for Disaster Risk Reduction :

The robot warning to the disaster project of Rongkham School, Rongkham district, Kalasin Province, Thailand. Educational office of secondary school area 24.

The type of robot project: autonomous robot.

The level of education: secondary school level.

The name of team project: The yellow-gray students of Rongkham schools.

1. The background and the idea of the hand control's robot or the autonomous robot.
The natural disaster is starting to become more serious. And to spread.
Every part on the world. Part of our lives have been affected by the natural disasters such as floods , storms into the fire, which caused substantial damage to the environment to life with the man of the day and in the occupation. various Equipage The various products.
To prevent damage to the housing and other equipment. The group has adapted the system board automatically. Make the robot project for flood warning, wind warning alarm fire. Moisture alarms. And burglary alarms. The system pumps water from the pond. The peace of mind in which no one controls the water level in wells. There is also a flood warning system with audio / lighting. All of the flood warning system will automatically transmit an electromagnetic wave to the pit to the robot to move out to warn the people who live nearby. Before you get all these disasters. People are prepared on time and people's lives will be safe from the disaster.
2. Purpose of the mobile robot design project. The project Robot. What are the elements.
 - 2.1 To create an automated flood warning system. Robotics and automated alarms.
 - 2.2 To study the operation of the robot's alarm system that is driven by amphibians.
 - 2.3 The design of the project, the robot hand. The project Robot. What are the