

Students undergo UMS science-based programme



The assessors testing the students' electric fan invention.

Participant together with the committee members of Rural Science and Technology Community Program.

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KOTA KINABALU: Thirty-six students took part in the Rural School Community Programme at SMK Mat Salleh in Ranau, recently.

The one-day programme was jointly organised by students of the Universiti Malaysia Sabah Centre for

External Education and Faculty of Psychology and Education.

Program Supervisor Dr Siew Nyet Moi said the participants were from SMK Mat Salleh and SMK Agama Ranau.

"The main objective of this programme was to enhance the student's skills in invent-

ing and programming based on Science, Technology, Engineering and Mathematical (STEM) as well as to stimulate their creative and innovative thinking.

"Among the activities in the programme was the creation of an electric fan and automated cars using Arduino programming and other basic

materials," she said in a statement yesterday.

Dr Siew said all participants were divided into six groups and briefed on the concept of sustainable development.

"They were given three hours to complete each assignment while UMS students doing their masters degree in education acted as facilitators,

evaluators," explained Dr Siew.

She added that in the first STEM assignment, students were given a task to create an automated electric fan that will function using sound sensors and learn how to reduce electrical waste that often occurs at home or in the office.

"Meanwhile the second ac-

tivity requires each group to design an automated electric car that can help to overcome the problem of traffic congestion," she said.

Also present were Programme leader, Noraidah Suratman representing SMK Mat Salleh Principal and Deputy Program Leader, Winralela Wainin.