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UWI STUDENTS DISPLAY HIGH TECH ELECTRONIC PROJECTS AS PART OF SPICE PROGRAMME



This robot goes on a "mission".

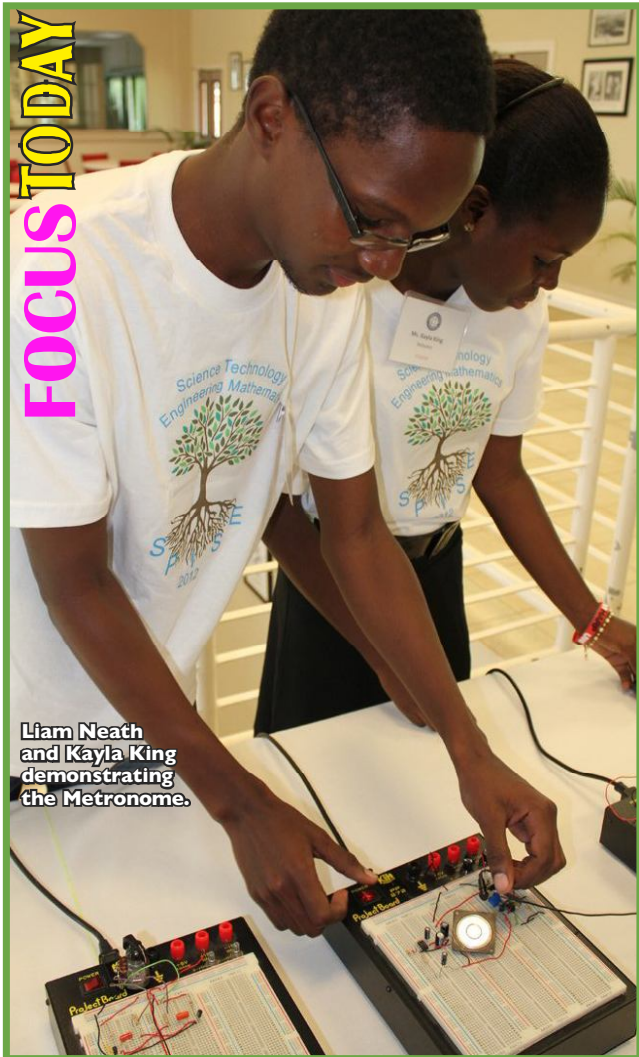
At the University of the West Indies Cave campus this afternoon enthusiasm filled the air and ingenuity went on display.

And as part of the 2012 Student Program on Innovation in Science and Engineering, 10 students from Barbados, Belize, Jamaica, St. Lucia, Nevis and Trinidad were hailed for their creativity.

Executive Director of CSF, Professor Carole Wardle, noted that the SPICE programme was a programme offered at the Massachusetts



Managing Director of the Light and Power Co., Peter Williams greets Governor of the Central Bank, Dr. DeLisle Worrell.



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Liam Neath and Kayla King demonstrating the Metronome.



Giving an insightful history on the Kalina.

ed for creativity

of Technology in the United States.

So, he stated, it was creditable to note that 15 to 17-year-olds were able to achieve in four weeks what those at MIT did in six.

For four weeks under the tutelage of Senator Orlando Marville, Stephen Mendes and Dr. Ramon Sargeant, the students learnt about humanities, electronics and robotics. Today was their day to show off their skills – and they did.

Participants displayed electronic projects which they assembled themselves and were able to clearly explain how these systems functioned for the many parents, sponsors and friends present.

Some of the projects were said to be very high tech, such as the **Knight Rider** display, a red bar which moves back and forth and from side to side. It was the brain child of Isaure Milian and Reaiah Harris, and was also said to be the most technical project.

Liam Neath and Kayla King created a **Metronome**, a device that produces timing "clicks" for musicians, while Yavniel Yatali and Kesan Samuel designed an **Amplifier**.

Ravindra Manger created an **Interval Timer**, which activates another system after a certain time delay.

Zackary Gurdon-Cobham and Sorayah Jitta produced an **Audio Oscillator** which could be used musically with a little skill, while the **Electronic Seat Belt Interlock** was conceived by Tishoneth Jeffers. This device prevents a car engine from starting unless occupants were belted up.

Though all the students' handiworks were ingenious, those which caught the most attention were the robotics projects.

The students made four underwater robots, which were placed in a tank on the field at the 3 W's Oval. They commanded the robots with home-made remote controls to perform demonstrations like: diving, travelling forward and backward, turning left and right and navigation through several obstacles placed in the tank.

SPICE was established to help broaden the economic base of the region which is primarily dependant on tourism and natural gas. **(KC)**



Ravindra Manger tried to get his robot to work- but he forgot to plug it in.

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The participants.



Saying their names and goodbye in Mandarin Chinese.

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