



The students with their wooden bicycles.

## UMS students turning wood waste into bicycles

BP 11.12.13 4

**KOTA KINABALU:** A total of 24 students from the Wood Technology and Industry Programme of School of International Tropical Forestry, Universiti Malaysia Sabah completed wooden bicycles of various designs for their Project Bike.

The bicycles produced were made from fresh round Acacia logs which the students converted into usable bicycle components using woodworking equipments. They applied what they have learnt in the subject Wood Industry Processing where this subject taught them the know-how of the different wood

processing methods and gearing into the concept of "waste-to-wealth".

Dr. Liew Kang Chiang, the lecturer for this subject mentioned that the students designed their own bike and making sure certain guidelines being fulfilled like no nails to be used, must use only sawn timbers, sawn timbers to be profiled, use of joints and wood glue.

He also said that the School is very proud of their achievement.

The students were also taught the practice of safety precautions,

implement cleanliness and neatness of workplace, time management, discipline, planning and organization, team work and communication. These skills would be beneficial when they go out into the workforce later.

There are four programmes available in School of International Tropical Forestry, Universiti Malaysia Sabah such as International Tropical Forestry (HG19), Nature Parks and Recreation (HG20), Plantation and Agroforestry (HG23), and Wood Technology and Industry (HY11).