

Annex A

NTU's history in the Shell Eco-marathon

This is the fifth time NTU has participated in a Shell Eco-marathon event. The first NTU Venture solar car debuted in the marathon held in Germany on 7-9 May 2009, coming in fourth out of eight in the prototype solar category and winning the off-track award for safety.

The second time NTU participated was at the inaugural Shell Eco-marathon Asia in 2010 at Sepang, Kuala Lumpur, Malaysia. The NV3 car clinched the top prize in the solar category and was the only one out of five solar cars to qualify.

In 2011, NTU took home two awards at the second Shell Eco-marathon Asia with its new NV4, dubbed the "Batmobile". It won in the diesel category with 564 km per litre fuel efficiency and also bagged the off-track award for safety.

NTU continued its winning streak in 2012, when both the NV3 and NV4 won silver in their respective categories of prototype battery electric and diesel. In addition, NV4 also beat 118 other international entries to win the off-track award for safety.

NTU also participated in the biennial World Solar Challenge in Australia where solar cars raced down a gruelling route of 3,000 kilometres across the Australian outback. NV2 took part in the 2009 race and came in 11th out of 31 participating teams. In the 2011 race, NV5 emerged 12th out of 37 teams beating teams from MIT, UC Berkeley and Cambridge amongst others.

Last year, NTU emerged the best performing university, clinching four awards. Hand-built by students from wood, the diesel-powered NV6 – the "Wooden Wonder" – won three awards which included the off-track award for safety. This marked NTU's fourth time winning the award. NV3, 2010's champion in the solar category, now converted to an electric-powered solar assisted car, clinched the Award of Technical Innovation.