



(Top) The first runner-up team from SMK Paya Kemunting showing one of the creations from their project titled 'Constructing Sustainable Components'. (Left) The winning team from SMK Simpang Kuala with their main project titled 'Organic Residue Composting'.

SMK Simpang Kuala in Alor Setar, Kedah won first place in the final competition of the "Pintar-UKM Sustainability and Green Technology through iG-Home Module" programme with its composting project.

The first runner-up was SMK Paya Kamunting while SMK Muadzam Shah won third place.

iG-HOME is a multi-disciplinary programme by Pintar Foundation and Universiti Kebangsaan Malaysia (UKM) which inculcates interest in environmental sustainability through implementation of science and technology.

The initiative funded by Yayasan Hasanah aims to raise awareness among students, their families and local communities about environmentally-friendly production and consumption practices as well as sustainable living.

The final competition saw the top six schools presenting their unique projects to the panel of judges comprising UKM lecturers specialising in green technology education.

The panel also awarded the Best Presenter Award to SMK Muadzam Shah and Special Award to SMK Abdul Malik.

"I am happy that Pintar secondary schools in Kedah were able to

Green minds show their creativity in competition

Students present unique projects to help create sustainable homes

participate in the iG-HOME Programme, a project which is funded by Yayasan Hasanah. "It marks an important step in the foundation's effort to provide opportunities for students of Pintar schools to explore new fields of interest which cannot be taught in the confines of a classroom," said Pintar Board of Trustees chairman Tan Sri Arshad Ayub.

"The three secondary schools that won the main awards in the final competition are excellent examples of how persistence, determination, commitment and strong partnership between the students, their teachers and advisers can produce innovative, environmentally-friendly products," said Arshad.

"Through this competition, the aim to develop more great ideas that innovatively tackle climate change issues through the prism of the construction industry can be achieved.

"This experimental learning process is also a holistic approach to further develop Malaysian students, in line with the mission of Pintar.

"Above and beyond academic achievements, we seek to nurture future generations who are as creative as they are knowledgeable, with a high sense of social responsibility and moral integrity," he said.

With the Yayasan Hasanah grant amounting to RM260,000, they produced two books – *Buku Teori*

iG-HOME Inovasi Rumah Lestari and *Buku Aktiviti iG-HOME Inovasi Rumah Lestari* – which were used throughout the duration of the programme by 1,200 students and 60 teachers in 30 secondary schools in Kedah, said UKM vice-chancellor Prof Tan Sri Dr Noor Azlan Ghazali, adding that the programme required both students and teachers to innovate and create a sustainable home.

"The iG-HOME programme is an excellent platform that combines both of Yayasan Hasanah's key pillars – education and environment," he said.

Phase 1 of iG-HOME was held from May to November 2017 and saw 25 teachers from 13 Pintar and non-Pintar secondary schools in

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Tan Sri Arshad Ayub

Kedah attending a Training of Trainers session by UKM.