

UPM 'NURTURES' SOCIETY

UPM HIGH IMPACT PROJECTS E-BULLETIN (JANUARY - JUNE 2020)

EDITORIAL

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COMMUNITY PROGRAMME

University Community Transformation Centre (UCTC), UPM serves as the coordinator for university community programmes under the University for Society (U4S), Ministry of Education, Malaysia. UPM recognizes UCTC as a premier facilitator for extension activities. Based on UPM's Strategic Plan 2014 - 2020, UCTC is responsible for leading UPM's Third Goal: Upscaling Industry and Community Engagement.

UCTC has always maintained a strategic and symbiotic relationship with the community and the larger society to be a leading university that contributes meaningfully towards sustainable development, development of the people, creation of wealth, and involvement at the international level.



**Community
Transformation
Program/ Knowledge
Transfer**

**Demonstration/
Showcase**

**Professional
Advancement
Development (Training
to Local & International
Community**

**Extension
Services /
Consultancy**

**Expert Clinics & Putra
Extension Clinic (Bus)**



The infographic features a central black diamond with a teal border containing the text 'KEY FOCUS AREAS'. Surrounding this central diamond are six dark grey circles, each with a red border, containing the following text: 'AGRICULTURAL COMMUNITY', 'CHILD EDUCATION', 'LOCAL COMMUNITY', 'INDIGENOUS COMMUNITY', 'CANCER PATIENTS', and 'SENIOR CITIZENS'. The word 'YOUTH' is positioned between the central diamond and the 'INDIGENOUS COMMUNITY' circle. The background of the infographic is a faded image of a young child's face.

**AGRICULTURAL
COMMUNITY**

**CHILD
EDUCATION**

**LOCAL
COMMUNITY**

**INDIGENOUS
COMMUNITY**

**CANCER
PATIENTS**

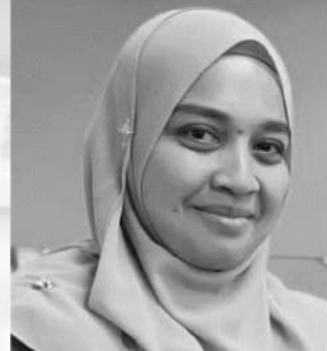
**SENIOR
CITIZENS**

YOUTH

**KEY FOCUS
AREAS**

COMMUNITY ENGAGEMENT

UPM's community engagement mission is to ensure impactful engagements through the building of strategic relationships that will mutually benefit numerous stakeholders. UCTC spearheads and coordinates the community service networks for UPM in various fields of expertise.





ENTREPRENEURS TRANSFORMATION PROGRAMME AMONG ASNAF COMMUNITIES IN TOKAI, KEDAH

The *Asnaf* Entrepreneurship Programme is an entrepreneurial development programme which was conducted within a selected group level based on certain criteria.

This programme was held in collaboration with the School of Business and Economics UPM and QSR Brands. It aims to transform thinking as well as forming entrepreneurial attributes among selected *Asnaf* groups.



Assoc. Prof. Dr. Anuarshah Bin Bali Mahomed
School of Business and Economics





THE TINY FINGER PROJECT

The Tiny Finger Project aims at increasing the awareness of the general public, especially children and staff at kindergartens and parents concerning the hand, foot and mouth disease (HFMD) and the impact of proper handwashing in minimizing the spread of the disease.

The targeted community was successfully able to do proper handwashing technique was able to practice it at the kindergarten and at home. After four months of monitoring, there is no new cases of the HFMD which was reported in the kindergarten.



Dr. Rima Anggrenah binti Dasrilsyah

Faculty of Medicine and Health Sciences





DEVELOPMENT OF YOUTH PSYCHOLOGICAL CHALLENGES THROUGH RABBIT THERAPY

The Rabbit therapy provides opportunities for participants to explore life through rabbit rearing. This will allow the participants to learn about love, to be more sensitive, to have patience, to take responsibility and to develop self-motivation.



Assoc. Prof. Dr. Siti Raba'ah Hamzah
Faculty of Education



WATER CONSERVATION PROJECT AT SEKOLAH KEBANGSAAN CONVENT INFANT JESUS 1, MALACCA

A rainwater harvesting system has been successfully installed in the school's toilet. A few 'Training of Trainers' sessions on water conservation involving the schoolteachers have been conducted. The project has managed to reduce the school's water bill by up to 58.3%, a month after the installation of the rainwater harvesting system.

The water audit findings indicated an average of 75 times flushing total for six toilets per week. With a total of 1,892.71 litre of rainwater stored in two polyethylene storage tanks in the rainwater harvesting system, this leads to a water saving efficiency of 100% in the school's toilet. Installation of rainwater harvesting system has reduced the overall total water bill of RM1,152.00 with reductions in treated water usage between 24 m³ and 278 m³ in school.



Assoc. Prof. Dr. Sarva Mangala Preveena
Faculty of Medicine and Health Sciences



AGRICULTURE AND LIVESTOCK MODULE DEVELOPMENT PROGRAMME, REGIONAL DA'WAH CENTRE

In this module, the programme focuses on the development of a knowledge transfer module on poultry and crop management, sustainable farm practices and agricultural marketing.

Participants are expected to understand and practise all knowledge learned and to constantly apply the knowledge even after the completion of the module.



Dr. Syari Bin Jamian
Faculty of Agriculture



FIMALIFESAVER

This programme aims at providing the basic cardiopulmonary resuscitation (CPR) technique to the community with the goal of creating a pool of community advocate/trainers.

The National Mosque (Masjid Negara) community and Chow Kit Community Learning Centre were introduced with the CPR knowledge transfer sessions. The sessions were conducted face-to-face and through practical engagements.



Dr. Aizad Azahar

Faculty of Medicine and Health Sciences





PROBLEMS CONCERNING SUNGAI INKI


A knowledge transfer programme organized by the Department of Environment, Faculty of Forestry and Environment with the collaboration of Pusat Khidmat Masyarakat DUN Hulu Bernam, Persatuan Sahabat Sungai Bernam, Majlis Daerah Hulu Selangor and other related river stakeholders along Sungai Inki regarding self-monitoring of river water quality and the importance of preserving and rehabilitating the river ecosystem among the local communities.

The programme had successfully involved and strengthened the cooperation of relevant parties through hands-on river monitoring activities, focus group discussions and the programme ended with a comprehensive presentation and exhibition during the National Environment Day celebration at Hulu Selangor district level.



**Dr. Zulfarzaana Zulkeflee and
Dr. Ferdaus Mohamat Yusoff**

Faculty of Forestry and Environment



PHYSICS NETWORKING PROJECT: NEW TEACHING STRATEGIES TO BOOST INTEREST IN SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)

The objective of the Physics Networking Project is to transfer physics creative teaching and learning techniques to the communities by using the developed module.

The results clearly indicate that all trained teachers can apply the techniques that they have learned effectively.



Assoc. Prof. Dr. Yap Wing Fen
Faculty of Science





Knowledge Transfer Training



INTERNATIONAL WORKSHOP ON ENTREPRENEURSHIP

The International Workshop on Entrepreneurship is meant for the members of the Nigerian Union of Teachers in collaboration with the UCTC and Nigerian Union of Teachers, Ijebu – Ode. The Nigerian delegates were given training on language competency and also visited the agricultural plantation site at the Faculty of Agriculture, UPM.



VILLAGE CHICKEN LIVESTOCK

UCTC continues to conduct community services in line with the University for Society concept under the initiatives of U4S@Northern Zone programme through the implementation of the Knowledge Transfer Programme (PUTRAPiL), Village Chicken towards the development of the community in Tuba Island, Langkawi.

Program **PUTRAPIL** PUTRA PEMINDAHAN ILMU

PENTERNAKAN AYAM KAMPUNG KE ARAH PEMBANGUNAN EKONOMI KOMUNITI PULAU TUBA, LANGKAWI

SIRI 1:
POTENSI DAN CABARAN PENTERNAKAN AYAM KAMPUNG

| 27 FEB 2020
 | 2.30 - 5.00 PETANG
 | DEWAN KOMUNITI PULAU TUBA,
 LANGKAWI

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  @uputramalaysia
  instagram.com/uniputramalaysia
  youtube.com/uniputramalaysia

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BERILMU BERBAKTI
WITH KNOWLEDGE WE SERVE



9 TIPS MUDAH SANTUNI KOMUNITI SEMASA PERINTAH KAWALAN PERGERAKAN (PKP)
#kitajagakita #komunitijagaahli

- Saling mengingatkan komuniti untuk mematuhi arahan semasa PKP
- Penjarakan sosial seperti yang dicadangkan dan elak ke lokasi yang sesak
- Elakkan stigma terhadap ahli komuniti dan keluarga yang dijangkiti COVID-19
- Berikan penghargaan kepada petugas di barisan hadapan (frontliners)
- Elakkan pembelian secara tidak terancang dan dahulukan komuniti yang lebih memerlukan
- Hubungi polis yang berdekatan jika terdapat individu atau kumpulan yang meragukan
- Gerakkan bantuan ke komuniti yang terjejas dan memerlukan
- Kongsi berita yang positif dan berinspirasi di kalangan komuniti

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PERTANIAN • INOVASI • KEHIDUPAN

AGEN PENGEMBANGAN TANI: 8 TIPS SOKONG JAMINAN MAKANAN SEMASA PERINTAH KAWALAN PERGERAKAN (PKP)
#kitajagakita #santunkomuniti

- Jalin kerjasama antara petani, agensi pembangunan pertanian dengan komuniti untuk usaha bersama dalam menghadapi situasi yang semakin pelbagai akibat PKP.
- Berita pertanian yang sukar diakses oleh komuniti. Manfaatkan media sosial untuk menyampaikan berita pertanian.
- Langkah ke arah berkolaborasi antara petani di dalam kawasan di dalam satu petak.
- Beriklan dan laka jomari kepada orang ramai yang berminat.
- Berita pertanian interaktif berkesan kerana dapat diakses oleh petani yang sukar mengakses berita pertanian.
- Terdapat platform untuk petani menjual hasil pertanian.
- Beriklan dan laka jomari kepada orang ramai yang berminat.
- Beriklan dan laka jomari kepada orang ramai yang berminat.

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6 TIPS KUKUH KERJASAMA DENGAN KOMUNITI SEMASA PERINTAH KAWALAN PERGERAKAN (PKP)
#kitajagakita #santunkomuniti

- TANYA KHADAR DENGAN MENGHUBUNGI PEMEGANG TAJUK (AGensi/KOMUNITI)
- KUMPUL MAKLUMAT SEMASA SITUASI DI KAWALAN KOMUNITI UNTUK RANGKAIAN BANTUAN/KEPERLUAN
- BERTUKAR SOKONGAN DAN CADANGAN UNTUK MENGEKALKAN HUBUNGAN DALAM PROJEK YANG DIJALANKAN
- HUBUNGI BANTUAN SEKUTUPA DIPERLUKAN DALAM BENTUK YANG BOLEH DICAPAI
- AMBIL LANGKAH PROAKTIF AGAR PEMINDAHAN ILMU DAPAT DITERUSKAN DALAM TENGAH PKP
- DORONG KOMUNITI UNTUK PERKARA DENGAN BANTUAN YANG DISEDIAKAN OLEH KERAJAAN

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6 TIPS AKTIVITI PEMINDAHAN ILMU SEMASA PERINTAH KAWALAN PERGERAKAN (PKP)
#kitajagakita #santunkomuniti

- Kenal pasti situasi semasa & kemudahan capaian teknologi di tempat komuniti
- Sediakan video bagi pemindahan ilmu secara praktikal
- Pilih topik yang relevan & tidak melibatkan sensitiviti mana-mana pihak
- Sediakan nota yang ringkas, padat & berilustrasi untuk memudahkan pemahaman pembaca
- Guna saluran berseamuka secara atas talian seperti Zoom, Skype, Cisco Webex dan lain-lain.
- Guna terma/bahasa yang mudah difahami komuniti

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MENDAYAUPAYA PENTERNAKAN RUMINAN
8 TIPS PENTERNAKAN RUMINAN SEMASA PERINTAH KAWALAN PERGERAKAN (PKP)
#kitajagakita #santunkomuniti

1. Jalin kerjasama antara petani, agensi pembangunan pertanian dengan komuniti untuk usaha bersama dalam menghadapi situasi yang semakin pelbagai akibat PKP.
2. Beriklan dan laka jomari kepada orang ramai yang berminat.
3. Beriklan dan laka jomari kepada orang ramai yang berminat.
4. Beriklan dan laka jomari kepada orang ramai yang berminat.
5. Beriklan dan laka jomari kepada orang ramai yang berminat.
6. Beriklan dan laka jomari kepada orang ramai yang berminat.
7. Beriklan dan laka jomari kepada orang ramai yang berminat.
8. Beriklan dan laka jomari kepada orang ramai yang berminat.

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TIPS & LANGKAH SEMAIAN BIJI BENIH CILI
Oleh: Muhammad Adip Mohd Tamami
Pusat Transformasi Komuniti Universiti (UCTC), Universiti Putra Malaysia

Facebook.com/UniPutraMalaysia Instagram.com/uniputramalaysia Youtube.com/user/jppupm

PERTANIAN • INOVASI • KEHIDUPAN

UCTC'S TIPS FOR THE COMMUNITY

UCTC provides several tips that can be applied by the community and practitioners throughout the Movement Control Order (MCO) period. The tips can be published in the social media platform.

6 TIPS MUDAH BANGUNKAN LAMAN PERTANIAN BANDARAN
Sempena Perintah Kawalan Pergerakan (PKP)
Oleh: Muhammad Adip Mohd Tamami
Pusat Transformasi Komuniti Universiti (UCTC), Universiti Putra Malaysia

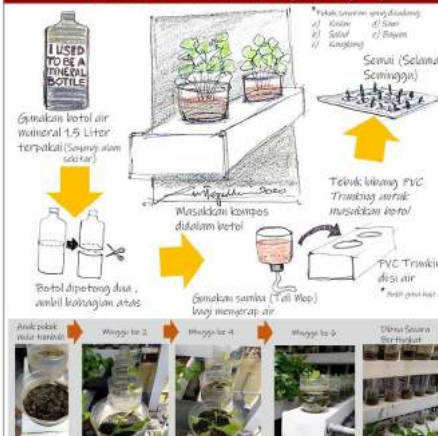
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PERTANIAN • INOVASI • KEHIDUPAN

TIPS AMALAN BULAN RAMADHAN
Semasa Perintah Kawalan Pergerakan
(PKP)



**TIPS Ringkas Menyediakan Sistem Akuaponik di Rumah
(Tanpa siraman harian)
Semasa Perintah Kawalan Pergerakan (PKP)**



BAHAN KAWALAN
SERANGGA PEROSAK SECARA BOTANIKAL
DI MUSIM PKP



TIPS PENANAMAN POKOK



Tips PENGHASILAN KOMPOS SECARA MUDAH GUNA



UCTC'S TIPS FOR THE COMMUNITY

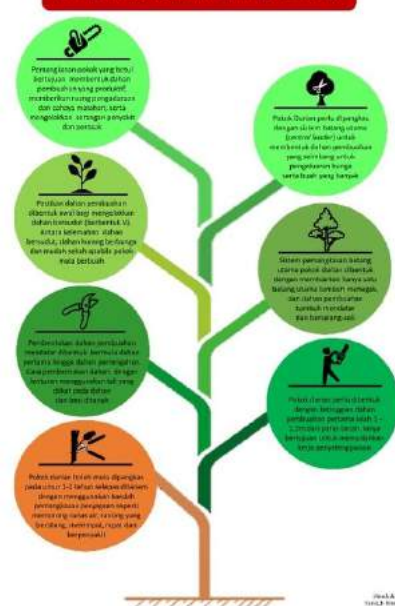
**LANJUTAN PERINTAH
KAWALAN PERGERAKAN (PKP)**



PEMBAJAJAN TANAMAN



TIPS PEMANGKASAN POKOK DURIAN



**POKOK HIASAN YANG BOLEH DITANAM DI
DALAM RUMAH SEPANJANG PERINTAH
KAWALAN PERGERAKAN BAGI TUJUAN
PEMBERSIHAN UDARA**



TAHUKAH ANDA?

Pokok-pokok berikut bukan sekadar kiasan malah membantu dalam membereskan udara di rumah kita segera semulajadi. Oleh itu, ringankan tangan untuk bercuak taman supaya udara dalam rumah kita lebih bersih.

#stayathome
#stayhealthy
#googreen

PENGEMBANGAN DIGITAL: APLIKASI UPM FARM TRACK



TIPS PEMILIHAN ANAK POKOK



A few initiatives by UCTC in implementing community development and knowledge transfer programmes through the online application have been conducted to benefit the communities, despite the COVID-19 pandemic that has hit the country.

JINM DIGITAL SHOWCASE 2020

JINM Showcase has now entered its second year whereby all the project leaders will present all the high impact projects in 2019. This year, the JINM Showcase will be conducted using the online platform due to the Movement Control Order (MCO) which was expected to end on 9 June 2020. The evaluation of the projects is done for the ICAN2019 ceremony. This programme is jointly organized by the Deputy Vice Chancellor (Industry and Community Relations) Office, UCTC and CiRNeT.



JINM Digital Showcase 2.0

Jaringan Industri & Masyarakat

18-20 Mei 2020 | 9.00 Pagi - 5.30 Petang

Zoom Online

Anjuran:

Pusat Transformasi Komuniti Universiti (UCTC)
Pusat Hubungan dan Jaringan Industri (CiRNeT)
Universiti Putra Malaysia

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@uputramalaysia

instagram.com/uniputramalaysia

youtube.com/user/bppupm



Knowledge transfer on proper farm management towards compliant husbandry of goats in small holder farms

1 Jan – 31 Dis 2018 (Negeri Terengganu)

Ketua : Prof Madya Dr Hafandi Ahmad
Projek : 1) Prof Madya Dr Hasliza Abu Hassim
2) Prof Madya Dr Mohd Hezmee Mohd Noor
3) Dr Tengku Rinalfi Putra Tengku Azizan
: Fakulti Perubatan Veterinar

PENGENALAN

Malaysia, terdapat kurangnya ilmu pengetahuan bagi rusan ternakan kambing tenusu terutamanya bagi ternak kecil. Ini berdasarkan laporan Jabatan Perkhidmatan veterinar yang menunjukkan pengurangan pengeluaran susu kambing di Malaysia sejak beberapa tahun kebelakangan ini. Ini mungkin disebabkan oleh ketidakpatuhan terhadap kebajikan haiwan ternakan seperti kawalan penyakit, pemakanan dan pengurusan ternakan. Walaupun penternak sudah mengikuti SOP yang



Sesi ceramah kepada para peserta



Forum U4S

A series of University for Society forums (U4S) have been conducted via online platforms, such as the Webinar platform. It is hoped that the community has benefited from the knowledge transfer programme and will transfer the knowledge to other communities.

FORUM U4S

MELALUI APLIKASI Cisco webex LIVE SIRI 4

PENYELIDIKAN BERIMPAK TINGGI UMT: CABARAN MENANGANI ISU SEMASA KOMUNITI DALAM SEKTOR AKUATIK

PANEL	PANEL	MODERATOR
DR. AMIN AL HAADI BIN SHAFIE KORDINATOR UNIT ACBEDA USIM	PROF. DR. MOHD IKHWANUDDIN ABDULLAH KETUA PROJEK TRANSLASIONAL UDANG GALAH	PROF. DR. FAUZIAH HAJI ABU HASAN PRO NAIB CANSOLOR (HAL ENHWAL KORPORAT DAN JARINGAN INDUSTRI)

JUN 2020 (SABTU) • 11.00 PAGI - 12.30 TENGAH HARI

#stayathome #staysafe #wewishyouwell

13 Jun 2020 (Sabtu) 11 Pagi - 12.30 Tengah Hari

Moderator
YBhg. Profesor Dr. Mohammad Hamiruce Marhaban
Timbalan Naib Canselor (Penyelidikan & Inovasi) USIM

Melalui Aplikasi :
 zoom & LIVE usimofficial

Memperkasakan Kepimpinan dalam Mewujudkan Komuniti Bebas Dadah

Prof. Madya Dr. Amin Al Haadi Bin Shafie
Kordinator Unit ACBEDA USIM

"Pelajar, Komuniti dan Potensi Melestarikan Warisan Budaya"

Prof. Madya LAr. Dr. Khalilah Zakariya
Pengarah Program LIGHT (IUM)

"Kepimpinan berteraskan Nilai"

Dr. Muhammad Nizam Awang
Pengarah Program LIGHT (USIM)

"Memperkasakan komuniti ke arah mengupaya OKU menurut Perspektif Islam"

Dr. Haji Norakyairee Mohd Raus
Pengarah, Pusat Penyelidikan Ibnu Ummi Maktum (UMMI), USIM

Pekak (jurubahasa isyarat)
I. Amalina dan Sdri. Amna

Anjuran :

Participants in the online forum include: MAM @ SUBRA, Law Tek Hua, Kathleen Chew, and others.

JOINT VENTURE COMMUNITY DEVELOPMENT PROGRAMME BETWEEN UPM AND THE MALAYSIAN DEPARTMENT OF PRISONS AND CORRECTIONS – KNOWLEDGE SHARING BY UPM EXPERTS

A site visit to the Tapah Prison and at the Kamunting Correctional Centre has been carried out in June 2020 to explore in greater depth the potential of conducting the knowledge transfer programme at these two prison/correctional centres for the inmates and the prison officers. This knowledge sharing session involves 151 detainees and 30 prison personnel who provided some ideas and suggestions for the collaboration, especially on the technical and entrepreneurial expertise in the field of agriculture.





NEWS CUT

Kajian asal dan penyakit manusia

Oleh LAUPA JUNUS

PADA 1991 hingga 2003, saintis telah berjaya menyempurnakan Projek Genom Manusia (HGP) dan antara...

dengan majo daripada k peratus daripada

Ini kerana katan untuk tujuan danat

OLEH AFIZ REDZUAN

SHAH ALAM - Karnival Sukan Badan Berkanun (SUKANUN) menjadi landasan terbaik untuk kakirangan dan ahli Persatuan Badan Berkanun Malaysia (PBBM) menilai bakat bagi diketengahkan ke peringkat lebih tinggi. Dato' Menteri Besar, Amirudin Shari berkata, dengan semangat kesukanan yang tinggi, ia juga akan menjadi asas bagi meningkatkan keharmonian dalam kalangan atlet selaras dasar sukan untuk membentuk generasi yang sihat dan cemerlang.

Lessons in conserving water in schools

A rainwater harvesting system which can collect almost 3000 litres of rainwater built for SK Air Baruk in Melaka recently, will help decrease tap water usage at the school by 50 per cent. It will also be used for the "Tiny Forest" area and gardening activities in the school.

The project was part of the World Water Day 2019 celebration organised together with Universiti Putra Malaysia (UPM), Melaka State Education Department and Green Growth Asia Foundation, which took place in Melaka last month.

Attended by 300 students from 13 schools, the celebration aimed to raise awareness on the importance of water resources protection and the need of water conservation in school environment.

UPM water scientist and main coordinator of the celebration Associate Professor Dr Sarva Mangala Praveena said: "Teaching young children on the importance of water resources allow them to learn this information at a young age and will also benefit their family members. This behavioral change will take some time but continuous awareness programmes will help."

Students also participated in the Eco Code competition where they built water-saving sculptures and submitted a video presentation on Facebook before presenting how their creation can help save water in front of three judges.

SK Dato Demang Hussin and their "Gayung" (a container with a handle used for taking up water) sculpture was announced as the grand winner followed by SK Air Baruk and SK Bukit Lintang. Their videos which bring water saving message in conjunction with World Water Day have reached almost 85k views on the official Facebook page for this celebration. SK Bukit Lintang also walked away with the Most Creative Visuals under the Young Reporters for The Environment



Winners of the Eco Code competition with their teachers.

[YRE] Malaysia Programme award.

Year 6 student Mohd Danish Fathurrahman Mohd Rasidi from SK Bukit Lintang said joining the celebration has helped them build awareness on how to save water in their daily activities.

"Joining Eco Code Competition helped us to learn new tips on water savings which will be useful for us not only in school but also at home. Our teachers also helped us collect newspapers, articles from the Internet, environmental magazines and related books to prepare us for the competition.

For SK Convent Infant Jesus 1

student Tan Ying Xuan, participating in the activities for the celebration also gave her the chance to not only learn about the importance of water for humans but also animals and marine lives.

"At the same time, as we gain more knowledge on water conservation we were also able to improve our presentation skills."

SK Air Baruk headmaster Nizam Aziz who believes that environmental education should take place outside the classroom said schools are one of the platforms for the children to learn about environmental awareness in a fun way.



The winning team from SK Dato Demang Hussin explaining their "Gayung" sculpture to the judges.



UPM
UNIVERSITI PUTRA MALAYSIA
BERSILU BERSAKTI

PUSAT
TRANSFORMASI
KOMUNITI UNIVERSITI
UCTC



UNIVERSITY COMMUNITY TRANSFORMATION CENTRE (UCTC)



www.uctc.upm.edu.my



Official Facebook: <http://www.facebook.com/uctc.upm>



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