



UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

LCTC
PUSAT
TRANSFORMASI
KOMUNITI UNIVERSITI

UPM 'NURTURES' SOCIETY

UPM HIGH IMPACT PROJECTS E-BULETIN (JULY- DECEMBER 2019)



AGRICULTURE • INNOVATION • LIFE

BERILMU BERBAKTI
WITH KNOWLEDGE WE SERVE

EDITORIAL

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COMMUNITY PROGRAMME

University Community Transformation Centre (UCTC), UPM serves as the coordinator for university community programs under the University For Society (U4S), Ministry of Education, Malaysia. It recognizes UPM as a premier facilitator for extension activities. Based on UPM's Strategic Plan 2014-2020, UCTC UPM is responsible to lead UPM's 3rd Goal: Upscaling Industry and Community Engagement.

UCTC UPM has always maintained a strategic and symbiotic relationship with the community and the larger society in its effort to be a leading university that contributes meaningfully towards sustainable development, development of the people, wealth of the nation 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)



**AGRICULTURAL
COMMUNITY**

**CHILD
EDUCATION**

**LOCAL
COMMUNITY**

YOUTH

**KEY FOCUS
AREAS**

**INDIGENOUS
COMMUNITY**

**CANCER
PATIENTS**

**SENIOR
CITIZENS**

COMMUNITY ENGAGEMENT

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



‘Teddy Bear’ Hospital

‘The clinic which was established by Islamic Medical Association of Malaysia, Children and Teen’s Super Team (IMACATS) and UPM in training the medical students and doctor to be independent volunteers. The aim of TBH is primarily to reduce anxiety among children, especially pre-school children on medical staff and medical equipment that are found in health institutions.’



Dr. Aneesa binti Abdul Rashid
Faculty of Medicine and Health Sciences



Awareness on Care and Cleanliness of the Environment Programme

'The disposal of waste is a serious social problem which is faced by the residents of Kampung Changkat in Gombak, Selangor which is due largely to the lack of interests and care by the community. The Institute of Social Science Studies (IPSAS) in UPM feels obligated to assist in enhancing the awareness of the local community on the danger of the Aedes mosquito and steps to dispose the mosquito. The outcome of the program is hoped to be able to curb the spread of the dengue fever among the community.'



Prof. Madya Dr. Haliza Abdul Rahman
Institute for Social Science Studies



Empowerment of Rural Farming Agriculture Community Putra@Badeng Koyan

‘Civilizing agricultural activities to empower the rural farming community in the safety of food supply has been conducted by the UPM Bintulu Campus in Sarawak in collaboration with the Lepo Badeng, Sungai Asap-Koyan and Belaga communities through the Basic Agricultural Extension project is seen to be able to enhance the knowledge of the farming community concerning the proper planting techniques and in the management of plantation through the use of information technology.’



Philip Lepun

Faculty of Agriculture and Food Sciences



The Orphanage Resilience, the Marginalized Orphanage Association and the Marginalized KLIA Quarters Mosque Program (RESKOM)

‘The program which is aimed at providing skills in self grooming, building self trust and changing of perception and behavior has been realized through the use of the Neuro-Linguistic Programming (NLP) technique. This project has successfully created enthusiastic and motivated participants. A total of 19 Junior Coach has successfully been created through the transfer of knowledge in this NLP program.’



Nurul Akhtar binti Kamrudin
Institute for Social Science Studies

Knowledge and Economic Enhancement Among Onshore Fishing Community



‘Knowledge and economic enhancement encompasses areas in fisheries, agriculture, small and medium scale enterprises (SMEs) as well as development of rural community in Ulu Lepar, Kuantan’



**Assoc Prof Dr. Faez Firdaus
Jesse Abdullah**
Faculty of Veterinary Medicine





Empowerment of Fishing Community In Order to Conserve and Preserve Ecosystem of Lakes

The increase number of fish population and the ongoing activities among the fresh water fishing community of Kampung Makmur, Sungai Galah, Tanjung Tualang Perak has given an added advantage to sustain the income generation of these communities and has resulted in the increase in the level and quality of life among the fishing community in the surrounding areas of the project.



Dr. Zulfarzaana Zulkeflee
Faculty of Environmental Studies



The S4SPutra@SERISEN Program

‘This project is aimed at enhancing the capabilities and well being of the minds of students at Sekolah Rendah Islam (SERI), Seremban, Negeri Sembilan. The enhancement of knowledge concerning green practices, skills in managing, maintaining cleanliness and environmental happiness and managing self emotion and values are given focus and attention in this project.’



Zamre Yaacob

Institute for Social Science Studies





Buddy Program

A total of about 60 Alumni of Sekolah Seri Puteri, Cyberjaya members have become Trained 'Buddy' to Educate Students In Overcoming Stress.



Dr. Normala Ibrahim
Faculty of Medicine and
Health Sciences





Knowledge Transfer Training



Culinary Course (AADK) – UCTC

- 27 – 30 August 2019 – Skilled Development Programme AADK – UCTC UPM. The production of variety of noodles and cooking (home made) which was attended by 24 culinary staff from the National Anti-Drug Agency. This is a joint-venture programme between University Community Transformation Centre (UCTC UPM) and L'apprenti UPM and the Faculty of Food Science and Technology UPM which focuses on the production of noodles, food paste, cooking and preparation of a variety of noodle types with interesting culinary presentation.

TRADEC'19

- Trading Entrepreneurship Challenge (TRADEC'19) has officially ended at the Hi Tea Reception which was held on 12 September 2019 at Seroja Hall, Tenera Hotel, Bandar Baru Bangi.
- This 6th TRADEC programme which was organized by Universiti Putra Malaysia through the University Community Transformation Centre (UCTC UPM) has involved:
 - Champion:
KHAIRUL AMIRIN B. KHAIRUDIN, Kaorin Resources Company
 - First Runner-Up:
MUHAMMAD FAWWAZ AZHAR
Big Shark Music
 - Third Place:
MOHAMMAD ARIF B. RAMLY
Arif Agro Industry
 - Jury Special Award:
KHAIRUL AMIRIN B. KHAIRUDIN, Kaorin Resources Company



UPM LCTC

KURSUS
PENGURUSAN
LADANG TERNAKAN
ayam pedaging
&
AMALAN
PERLADANGAN
BAIK
(GOOD ANIMAL HUSBANDRY PRACTICE)

16-17 Disember 2019 | D'Khairan Farm Sdn. Bhd. Sungai Besar, Selangor

Dengan Kerjasama:
Fakulti Pertanian
Fakulti Perubatan Veterinar

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PERTANIAN • INOVASI • KEHIDUPAN

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Management of Poultry Farm

16-17 December 2019: The Management of Chicken Poultry Farm and Good Animal Husbandry Practice course. The knowledge sharing session by UPM experts with the management staff of D'Khairan Farm Sdn. Bhd. Mr. Khalidin Alang has also participated in sharing his experiences and challenges in managing the livestock. It is hoped that the knowledge that has been shared and delivered during the session has benefited the farm management and the local community.



PUTRA4LESTARI

Universiti Putra Malaysia, through the University Community Transformation Centre (UCTC UPM) through the cooperation of its strategic partner, Department of Veterinar Services (JPV) at the State of Perak has conducted the 2nd Phase of the PUTRA4LESTARI programme on 9 October 2019.

The PUTRA4LESTARI programme is a monitoring programme to evaluate the effectiveness of the knowledge transfer programme which has been conducted by JPV and UPM through the Putra Knowledge Transfer Programme (PUTRAPIL) which was held in April 2019.

The main focus of the programme is to enhance the output and the quality of the ruminen farming and poultry in the state of Perak through the effective management of farms. A total of 8 individuals from UPM, comprising of experts and secretariats from the various disciplines have attended the programme to help and to transfer knowledge to the targeted poultry entrepreneur community.





NEWS CUT

UPM Cultivates Sustainable Extension Programs via Knowledge Transfer

Projek perintis IPSAS tingkat keyakinan diri bekas penagih dadah

Serdang: Modul Bimbingan Kepemimpinan Diri Institut Pengajian Sains Sosial (IPSAS), Universiti Putra Malaysia (UPM) dengan kerjasama Agensi Antidadah Kebangsaan (AADK) terbukti memulihkan masalah ketagihan dadah. Program dijalankan ke atas 20 pengguna dadah selama setahun berupaya meningkatkan keyakinan diri bekas penagih berhadapan masyarakat dan membina hidup baharu.

Ketua Laboratori Kewarganegaraan dan Kepimpinan Beliau Institut Pengajian Pengasas Modul Bimbingan Kepimpinan Diri, Prof Madya Dr Hanina H Hamdul, berkata projek perintis ini membabitkan individu orang kesen, perkataan OKP).

Beliau berkata, program dijalankan 12 bulan membabitkan beliau berusia antara 20 sehingga 40 tahun, antaranya memerlukan mereka menulis jurnal tiga hari bangan diri sepanjang tiga hari pertama.

Catatan sedemikian, katanya, bertujuan memastikan peserta sedar siapa diri mereka dan apa yang dilakukan sepanjang tempoh pemulihan.

"Tahap kesedaran penagih tidak seperti orang yang tidak berada di bawah pengaruh dadah. Selepas tiga hari, mereka sedar bahawa mereka dan kenapa perlu berubah," katanya.

Dr Hanina berkata demikian pada Program Kampus Bebas Dadah di UPM di Serdang, baru-baru ini. Yang turut hadir, Pengarah AADK Selangor, Dr Nazira Sadi-ron.

Katanya program itu tidak membabitkan sebarang penggunaan ubat kerana lebih tertumpu kepada kebingungan diri untuk berubah tetapi mempunyai sokongan rawatan sedia ada seperti meta-done bagi mengatasi ketagihan selepas Perjumpaan diadakan selepas sebulan dan tiga bulan yang membina keyakinan mereka berjaya mengubati ketagihan dadah.

"Program ternyata membina apabila peserta berjaya membina hidup lebih bermakna seperti menjadi penggerak masyarakat dan berniaga," Dr Nazira berkata, 118 pelajar sekolah menengah di Selangor dikehendaki mengambil dadah menerusi ujian saringan yang dijalankan AADK negeri sepanjang Januari hingga Disember 2019.

Salah satu peserta, 13 tahun, menceritakan pengalaman menyalahgunakan dadah dan bagaimana dia kini menjalani kehidupan yang lebih baik.

UPM BASMI KELADI BUNTING

Nelayan lega tiada lagi halangan untuk aktiviti menangkap ikan

Fazurawati Che Lah
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Seramai 75 nelayan di Kampung Makmur, Sungai Galah, Tanjung Tualang, Perak menarik nafas lega apabila masalah pembalakan keladi bunting di tasik perairan berakir selepas sekumpulan penyelidik dari Universiti Putra Malaysia (UPM) berjaya mengatasi masalah ini.

Penyelidik dari Jabatan Pengajian Alam Sekitar diketuai Dr Zulfarazana Zulkiflee berjaya membersihkan keladi bunting yang membiak di 80 ekar perairan perkampungan itu menerusi projek Love Our Lake (LOL2018).

Keladi bunting atau dikenali sebagai tumbuhan makrofit invasif yang tumbuh melat di tasik perairan perkampungan itu sejak tiga tahun lalu menyebabkan pendapatan nelayan merosot sehingga 70 peratus kerana ikan makin berkurangan.

Dr Zulfarazana berkata, pelbagai kajian komprehensif dijalankan di kawasan tasik perairan itu seperti kualiti air, pembalakan keladi bunting, masalah pengairan, saliran dan isu penggunaan tanah berdekatan perairan.

Katanya, rebakan keladi bunting menyebabkan oksigen di tasik perairan itu berkurangan sehingga ikan tidak dapat membiak. "Selain itu, aktiviti nelayan juga

sukar dijalankan kerana mereka sukar melalui rebakan keladi bunting dengan bot dan berdepan kesukaran untuk membiak. "Pelbagai masalah dihadapi nelayan sehingga menyebabkan punca pencarian terjejas ekoran tidak dapat menjalankan aktiviti menangkap ikan," katanya.

Selepas beberapa kali kajian dijalankan penyelidik UPM, usaha pembalakan keladi bunting dilakukan secara mekanikal menggunakan mesin penul rumpai.

"Selain itu, gotong royong perdana pembalakan keladi bunting turut membolehkan pembersihan secara mamail oleh penduduk.

Kami berjaya membersihkan hampir 80 ekar kawasan tasik perairan itu dalam tempoh setahun. Pada masa sama, beberapa jenis ikan laut turut dilepaskan," katanya.

Sementara itu, Yang Dipertua Persatuan Nelayan Ikan Air Tawar (PENIAT), Kampung Makmur, Sairul Nizam Mohamad Saleh berkata, penduduk bersyukur dengan bantuan UPM kerana mereka kini boleh melakukan aktiviti nelayan seperti biasa.

"Pendapatan nelayan juga makin stabil. Mereka tidak lagi runsing memikrkan nelayan untuk turun menangkap ikan," katanya.

PENERIMA anugerah ICAN 2019



HARIAN METRO
ISNIN 3 JUN 2019



GOTONG-ROYONG perdana pembalakan keladi bunting turut membolehkan pembersihan mamail oleh penduduk.



PEMBALAKAN keladi bunting secara mekanikal menggunakan mesin penul rumpai.



DR ZUFARAZANA bersama Sairul Nizam (kiri) dan Mohd Nazir Huda menerima trofi serta sijil yang dianugerahkan.

Katanya, penduduk kampung itu rata-ratanya nelayan dan pendapatan bergantung kepada hasil laut untuk menyara keluarga.

Kajian Dr Zulfarazana memuai hasilnya apabila projek komuniti itu menerima Anugerah Projek Jaringan Komuniti (Pegawai Akademik) Terbaik pada majlis Anugerah Jaringan Industri dan Komuniti Berimpak Tinggi (ICAN 2019) UPM di Mines Resort City, Seri Kembangan, Selangor, baru-baru ini.

Sementara itu, Timbalan Ketua Pengarah Kementerian Pendidikan, Prof Dr Mohd Calirul Iqbal Mohd Amin ketika merasmikannya berkata, majlis itu mampu menjadi motivasi untuk mereka yang terbalik kerana kerja yang dihasilkan selain hubungan terjalin diberi penghargaan.

Pada majlis itu, amguruh ICAN disampaikan kepada Rakan Industri, Rakan Komuniti, Pusat Tanggungjawab (PTJ) Staf dan Pelajar UPM yang menyertai dalam aktiviti Jaringan Industri dan Masyarakat (JINM).

Wanita & Keluarga

UPM sedia khidmat terapi berkuda

Tawar kemahiran jadi pengemudi pulihkan kanak-kanak istimewa

Oleh Mahani Ishak
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Kuala Lumpur: Sekumpulan sukarelawan Universiti Putra Malaysia (UPM) sedia menyalurkan khidmat kepada Persatuan Menunggang Bagi Orang Kurang Upaya Malaysia (RDA), bertujuan membantu anak berkeperluan khas menjalani proses pemulihan.

Naib Canselor UPM, Prof Datuk Dr Aini Ideris, berkata usaha murni itu diterjemahkan menerusi Kelab Equestrian Putra UPM di-sertai 15 hingga 20 ahlinya.

Beliau berkata, pihaknya sedia menyumbangkan kemahiran dengan bertindak sebagai pengemudi kuda, pembantu pengemudi dan khidmat kejurulatihan kepada persatuan berkenaan.



Aini bertukar dokumen dengan Dr Abd Aziz sambil disaksikan Azureen di Royal Selangor Polo Club, Ampang, baru-baru ini.

(Foto Zunnur Al Shafiq/BH)

pasti dapat berkongsi kepakaran selain menambah baik elemen penyelidikan universiti dan memperkasakan kemahiran insanlah penuntut menyumbang dalam

nak-kanak palsy serebrum, autisme, sindrom down dan lambat perkembangan dapat dipulihkan," katanya.

Beliau berkata demikian ketika

Yang turut hadir: Dekan Fakulti Perubatan Veterinar UPM, Prof Datuk Dr Mohd Hair Bejo dan Setiausaha Kehormat RDA, Johari Lee.

Aini berkata, cadangan mem-

pelajar UPM menyumbang kepakaran dan pengetahuan dengan mempelajari teknik terapi berkuda seterusnya menjadi kumpulan sokongan kepada insan istimewa



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