

NO.	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
1	Rusaslina Idrus	Faculty Of Arts And Social Sciences (FASS)	My Voice, My Story: A Digital Storytelling Project to Empower Orang Asli Youth Children	Orang Asli	Digital storytelling is both about enabling people to tell stories and enabling others to listen to those stories. The digital storytelling process allows a reflective space that not many people are given, or able to take)me for. Beyond that, the act of telling one's story can be healing and empowering because when these stories are shared, it helps provide the narrator the feeling that she/he is being actively listened to. This can be an especially powerful experience for marginalised groups.	<ol style="list-style-type: none"> 1. Orang Asli youth trained in creating a storyboard and narrative arc to tell their stories (reviving oral tradition). 2. A series of digital stories narrated by Orang Asli youth and children. 3. Film screenings in the village and for the public. 4. An interactive website with the stories and a study guide for teachers how to use this website/ the stories for discussion. 	<ul style="list-style-type: none"> • SDG 4: Quality Education
2	Nurshuhada Zainon	Faculty of Built Environment (FBE)	Community Empowerment for #Msi And Dengue: Fighting Dengue through Sustainable Environment	Islamic Medical Association Malaysia	Fighting the root causes of dengue, this research will add significant value on mitigating other mosquito-borne diseases such as Zika, malaria, and Chikungunya. Through this knowledge, it will benefit the global community; it could save 1.8 billion (more than 70%) people at risk, hence could reduce the economic burden caused by mosquito-borne diseases, worldwide.	Promote togetherness in preventing dengue fever. The sharing information on how to combat dengue by learning how to "search and destroy" dengue hotspots. The external and internal building condition assessments report definitely will prevent aedes breeding in the long run, hence, creating a sustainable environment the pre-school module is aimed to educate children, whereby these children grow up by taking dengue issues seriously in their daily life.	<ul style="list-style-type: none"> • SDG2 3: Health & Wellbeing • SDG 11: Sustainable Cities & Communities
3	Rodiah Zawawi	Faculty of Built Environment (FBE)	Training The Trainers on Repair and Maintenance Historic Masonry Building in Melaka	Perbadanan Muzium Melaka	<ol style="list-style-type: none"> 1. To maintain the authenticity of heritage building 2. To prolong the lifespan of historic building 3. To form competence workforce in building conservation 4. To create job opportunity in building industry 	<ol style="list-style-type: none"> 1. To maintain the authenticity of heritage building 2. To prolong the lifespan of historic building 3. To form competence workforce in building conservation 4. To create job opportunity in building industry 	<ul style="list-style-type: none"> • SDG 11: Sustainable Cities & Communities

NO .	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
4	Unaizah Hanum Obaidellah	Faculty of Computer Science And Information Technology (FSKTM)	Technological Application In Quran Lessons For Special Needs Children	Yayasan Pendidikan Al-quran bagi anak Istimewa	Develop mobile apps following the special needs of the children for learning the Quran. Understand the interest, habits and behaviour of the special needs children in technological devices for future research collaboration. Promote awareness among community/parent to this special children's ability and potential in reciting, memorising and (in some cases) writing verses of the Quran.	Develop mobile apps following the special needs of the children for learning the Quran. Understand the interest, habits and behaviour of the special needs children in technological devices for future research collaboration. Promote awareness among community/parent to this special children's ability and potential in reciting, memorising and (in some cases) writing verses of the Quran.	<ul style="list-style-type: none"> • SDG 4: Quality Education
5	Nazean Jomhari	Faculty of Computer Science And Information Technology (FSKTM)	We Care Their Spiritual Needs (Oku)	Yayasan FAQEH	Provide an opportunity for university students to gain knowledge and increase their knowledge in teaching Quran and Ibadah to special needs children. Later on, the students could teach the special needs children in their hometown or become mobile asatizah.	Provide an opportunity for university students to gain knowledge and increase their knowledge in teaching Quran and Ibadah to special needs children. Later on, the students could teach the special needs children in their hometown or become mobile asatizah.	<ul style="list-style-type: none"> • SDG 4: Quality Education • SDG2 3: Health & Wellbeing
6	Nor Liyana Mohd Shuib	Faculty of Computer Science And Information Technology (FSKTM)	Ict Skill Enhancement Programme For Orang Asli	Orang Asli Gombak	Visibility - From this project, the Orang Asli will have their own website that can benefit them in the long run; help update their activities and provide awareness of their existence. They can also use it to promote their business such as selling mengkuang crafts and trekking activities.	Visibility - From this project, the Orang Asli will have their own website that can benefit them in the long run; help update their activities and provide awareness of their existence. They can also use it to promote their business such as selling mengkuang crafts and trekking activities.	<ul style="list-style-type: none"> • SDG 4: Quality Education

NO .	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
7	Azmah Othman	Faculty of Economics and Administration (FEA)	Membina Modal Sosial Melalui Koperasi Untuk Membasmi Kemiskinan Nelayan Kuala Besut	Kuala Besut District Fishermen Community	150 fishing households in Kuala Besut who received benefits. Business/ entrepreneur/ cooperative establishment workshops will be held.	150 fishing households in Kuala Besut who received benefits. Business/ entrepreneur/ cooperative establishment workshops will be held.	<ul style="list-style-type: none"> • SDG 4: Quality Education • SDG 11: Sustainable Cities & Communities
8	Fatimah Kari	Faculty of Economics and Administration (FEA)	Community Level Adoption Of Mobile Application In Flood Management System In Kemaman Smart Community	Kemaman, Terangganu	The project is expected to create awareness among the community of the need for the flood management system that has been a flagship project under the kemaman Smart Community program.	The project is expected to create awareness among the community of the need for the flood management system that has been a flagship project under the kemaman Smart Community program.	<ul style="list-style-type: none"> • SDG 11: Sustainable Cities & Communities
9	Rafidah Binti Aga Mohd Jaladin	Faculty of Education (FoE)	Helping At-Risk Teenagers In Crisis Using Respectful-Community Collaboration-Cultural Empathy (Rescue) Approach	Komuniti RKK Rembau	Increased academic achievement especially in courses such as cross-cultural counselling (PPEC3134) and multicultural counselling (PPGS6138) because the proposed project provides a platform for in-vivo and experiential learning. Out-of-classroom Knowledge & skills gained - The participants also gain a long life skill on how to help at-risk teenagers, especially those who are in crises. These skills can be their future endeavours.	Increased academic achievement especially in courses such as cross-cultural counselling (PPEC3134) and multicultural counselling (PPGS6138) because the proposed project provides a platform for in-vivo and experiential learning. Out-of-classroom Knowledge & skills gained - The participants also gain a long life skill on how to help at-risk teenagers, especially those who are in crises. These skills can be their future endeavours.	<ul style="list-style-type: none"> • SDG 4: Quality Education

NO .	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
------	------------	------------------	---------------	----------------	---	-----------------------	-----

10	Zuraidah Abdullah	Faculty of Education (FoE)	Program Peningkatan Pengetahuan Dan Kemahiran Pengurusan Organisasi Dan Pembangunan Modal Insan Wanita Di Taman Medan.	Blok B Taman Medan Cahaya	a) Youth are able to write papers better b) Youth are able to manage everything related to the project c) Youths are able to manage financial affairs effectively d) Youths are able to handle everything related to the conduct of meetings such as meeting minutes, discipline, and meeting process with a more professional e) Youth are able to communicate in the organisation efficiently f) Youth are able to identify and implement all the powers of thinking, namely critical thinking, creative thinking, logical thinking, positive thinking and negative thinking.	a) Youth are able to write papers better b) Youth are able to manage everything related to the project c) Youths are able to manage financial affairs effectively d) Youths are able to handle everything related to the conduct of meetings such as meeting minutes, discipline, and meeting process with a more professional e) Youth are able to communicate in the organisation efficiently f) Youth are able to identify and implement all the powers of thinking, namely critical thinking, creative thinking, logical thinking, positive thinking and negative thinking.	• SDG 4: Quality Education
11	Noor Aishah Rosli	Faculty of Education (FoE)	#UM111 Stay Inspired & Motivated Project	Sek Men Keb Seri Pantai Kuala Lumpur	To create awareness about the important of mental health screening in determining the level of anxiety and depression problem among students	1. Impact to the school students: - students may get attention from the expert and university community about their problems - may help students develop their motivation and maintain their healthy - students may apply what they have learn regarding their hygiene - students will have skill to improve their 3M	• SDG 4: Quality Education
12	Zahra Naimie	Faculty of Education (FoE)	Empowering The Orang Asli Community With Good Oral Hygiene Habits	Sek. Keb. Orang Asli Tanah Rata	To educate and instil good oral hygiene and habits among the orang asli with the aid of the tri lingual dental health kit.	To educate and instil good oral hygiene and habits among the orang asli with the aid of the tri lingual dental health kit.	• SDG2 3: Health & Wellbeing • SDG 4: Quality Education

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
----	------------	------------------	---------------	----------------	---	-----------------------	-----

13	Norlidah Alias	Faculty of Education (FoE)	Pelaksanaan Modul Pembelajaran Sains Berasaskan Gaya Pembelajaran Bagi Murid Sekolah Rendah Orang Asli	Sek. Keb. Putra. Jelebu	Pedagogical knowledge related to individual learning styles. 40% increase in science achievement	Pedagogical knowledge related to individual learning styles. 40% increase in science achievement	• SDG 4: Quality Education
14	Mohd Nazri Abdul Rahman	Faculty of Education (FoE)	Pelaksanaan Modul Pembelajaran Asas Literasi Berasaskan Cerita Rakyat Bagi Kanak-Kanak Orang Asal	IPG Kampus Tent Tuaran Dan Ranau	Improving reading ability among indigenous children. The incorporation of Indigenous cultural activities through folklore can cultivate the interest of Indigenous children to go to school.	Improving reading ability among indigenous children. The incorporation of Indigenous cultural activities through stories • SDG 4: Quality Education kyat can cultivate the interest of Indigenous children to go to school.	• SDG 4: Quality Education
15	Nukman Yusoff	Faculty of Engineering (FEng)	Reverse Engineering and Redevelopment of Pahang Traditional Boat as a Preservation of Malaysia Heritage	Kg Pagi, Kg Bantal dan Kg Mat Daling	<ol style="list-style-type: none"> 1. Increase revenue 2. Reduce cost of living 3. Increase productivity 4. Improving the protection and safety 5. Foster national pride 	<ol style="list-style-type: none"> 1. Increase revenue 2. Reduce cost of living 3. Increase productivity 4. Improving the protection and safety 5. Foster national pride 	• SDG 11: Sustainable Cities & Communities
16	Sumiani Yusoff	Faculty of Engineering (FEng)	Community Composting Capacity Building Program To Local Community In Kl	Flat Taman Mulia Cheras	Best practice of food waste segregation source. The duration of the benefit will be forever as the practice as waste segregation becomes a habit and pertual behaviour among the communities.	Best practice of food waste segregation source. The duration of the benefit will be forever as the practice as waste segregation becomes a habit and pertual behaviour among the communities.	<ul style="list-style-type: none"> • SDG 11: Sustainable Cities & Communities • SDG 12: Responsible Consumption and Production • SDG 13: Climate Action • SDG 15: Life on Land

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
----	------------	------------------	---------------	----------------	---	-----------------------	-----

17	Mahmoud Moghavvemi	Faculty of Engineering (FEng)	Introducing Wonders Of Robots To Students (Fun With Robots)	SJK© Choong Wen Batu 4	The students get exposure to new technologies and may be motivated to use technologies to make a difference in the world. The students will be motivated to take part in science and robotic competitions. With our assistance, students may receive guidance on how to start with robotics for high-school level participation. This also serves as motivation for studying in engineering fields in the future. Moreover, these sessions will further encourage students to study at University of Malaysia (and other local universities) in the future. In conclusion, these activities increase the societal impact on the budding generation for a more skill-oriented society.	The students get exposure to new technologies and may be motivated to use technologies to make a difference in the world. The students will be motivated to take part in science and robotic competitions. With our assistance, students may receive guidance on how to start with robotics for high-school level participation. This also serves as motivation for studying in engineering fields in the future. Moreover, these sessions will further encourage students to study at University of Malaysia (and other local universities) in the future. In conclusion, these activities increase the societal impact on the budding generation for a more skill-oriented society.	• SDG 4: Quality Education
18	Thilagavathi Shanmuganathan	Faculty of Languages and Linguistics (FBL)	Making Education Relevant To Year 5 And 6 Students Of Semail Aborigine Community In Pos Pantos	Sek Keb Lanai in Pos Pantos	Foster the interest of Aboriginal students to learn English	N/A	• SDG 4: Quality Education
19	Azlin Zaiti Zainal	Faculty of Languages and Linguistics (FBL)	Developing The Literacy Skills Of Myanmar Refugee Learners	United Learning Centre	The proposed project 2016 will ensure a continuation of support by addressing the needs and highlighting the plights of the refugees. Aside from providing assistance, there will be a significant contribution in terms of knowledge transfer for the empowerment and transformation for the refugee community.	The proposed project 2016 will ensure a continuation of support by addressing the needs and highlighting the plights of the refugees. Aside from providing assistance, there will be a significant contribution in terms of knowledge transfer for the empowerment and transformation for the refugee community.	• SDG 4: Quality Education

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
----	------------	------------------	---------------	----------------	---	-----------------------	-----

20	Norbani Mohamed Nazeri	Faculty of Law (FoL)	Street Law For Urban Kids	Yayasan Nur Salam	To reach as many children with the hope of motivating them to change the lives of urban children and their family.	To reach as many children with the hope of motivating them to change the lives of urban children and their family.	<ul style="list-style-type: none"> • SDG 4: Quality Education
21	Julia Patrick Engkasan	Faculty of Medicine (FoM)	Peer Support Group For People With Spinal Cord Injury (Psg-Sci)	Spinal Cord Injuries Association	The peer support group would enable smoother transition from hospital to community by: Providing support following a spinal cord injury to both the patient and their family through the rehabilitation process; Providing ongoing support once a person with a spinal cord injury returns home; and Providing advice and support pertaining to recreation, work and relationship. Patients and their family will be more prepared to move on with their new life beyond the hospital and can be assured that there is someone they could refer to regarding non-medical issues. This would have a great impact on the patient's and their caregiver's readiness and adjustment to life as PWDs in the community.	The peer support group would enable smoother transition from hospital to community by: Providing support following a spinal cord injury to both the patient and their family through the rehabilitation process; Providing ongoing support once a person with a spinal cord injury returns home; and Providing advice and support pertaining to recreation, work and relationship.	<ul style="list-style-type: none"> • SDG 3: Health & Wellbeing
22	Nur Lisa	Faculty of Medicine (FoM)	Consumer Health Informatics Workshop: Awareness And Hands-On	ANSARA Balik Pulau	To explain and demonstrate the correct method to search for relevant health-related information.	To explain and demonstrate the correct method to search for relevant health-related information.	<ul style="list-style-type: none"> • SDG 3: Health & Wellbeing • SDG 4: Quality Education
23	Haireen Abdul Hadi	Faculty of Medicine (FoM)	First Aid Skills In Primary School Teachers In Klang Valley	Sek Sri Petaling	The trained teachers will be better equipped with knowledge and skills to provide appropriate response to selected common medical emergencies which will contribute to reducing morbidity and mortality amongst primary school children. Appropriate and rapid emergency medical response will reduce the cost of potential morbidity and mortality including disease burden, litigation and hospitalisation costs.	The trained teachers will be better equipped with knowledge and skills to provide appropriate response to selected common medical emergencies which will contribute to reducing morbidity and mortality amongst primary school children. Appropriate and rapid emergency medical response will reduce the cost of potential morbidity and mortality.	<ul style="list-style-type: none"> • SDG 3: Health & Wellbeing • SDG 4: Quality Education

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
24	Hesham Mahyoub Sarhan Al Mekhlafi	Faculty of Medicine (FoM)	Health Education Learning Package To Control Intestinal Parasitic Infections Among Orang Asli School Children In Peninsular Malaysia	Orang Asli komuniti in Malaysia	Health education can be provided simply and economically without any potential contraindications or risks and the benefits of increased understanding of health practices among rural communities go beyond the control of IPIs.	Health education can be provided simply and economically without any potential contraindications or risks and the benefits of increased understanding of health practices among rural communities go beyond the control of IPIs.	<ul style="list-style-type: none"> • SDG 3: Health & Wellbeing • SDG 4: Quality Education
25	Rosazlin Abdullah	Faculty of Science (FoS)	Biochar For Sustainable Agriculture And Environment	Kampung Seri Cheding, banting selangor	More open towards this technology and help to encourage the community to be more aware of the importance of environmental and agricultural sustainability	Through this project, the community became more open towards this technology and helped to encourage the community to be more aware of the importance of environmental and agricultural sustainability. This project also encouraged implementation of 3R (reuse, reduce & recycle) in the targeted community for a green environment.	<ul style="list-style-type: none"> • SDG 11: Sustainable Cities & Communities • SDG 12: Responsible Consumption and Production • SDG 13: Climate Action • SDG 15: Life on Land
26	Noor Zalina Mahmood	Faculty of Science (FoS)	Waste- Free For My School	Sek Keb Batu Empat (1), Jalan Ipoh, Kuala Lumpur	<ol style="list-style-type: none"> 1. To inculcate environmental awareness among primary school children 2. To guide school children in 3R waste activities 3. To facilitate in producing compost from their waste 4. To facilitate in producing organic herbs for school education purpose 	<ol style="list-style-type: none"> 1. Improve the school and parents knowledge in environment especially In waste related activity 2. School will be able to manage their waste efficiently 3. The student and school together with PTA could work together in creating an income for school from waste 	<ul style="list-style-type: none"> • SDG 4: Quality Education • SDG 13: Climate Action

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
27	Norzulaani Khalid	Faculty of Science (FoS)	Creation Of Demand And Supply For Planting Materials Derived From Rembau Community College (Kkr) Plant Tissue Culture Lab	Kolej Komuniti Rembau, Negeri Sembilan	The impact of the proposed program is as follows: The KKR community will be equipped with basic skills in business involving planting materials in the nursery ready for field plantation. Provide new knowledge on plant tissue culture techniques for teaching purposes. Create a ready market for planting materials produced from KKR lab. KKR will be able to produce a few types of planting materials from the nursery.	The impact of the proposed program is as follows: The KKR community will be equipped with basic skills in business involving planting materials in the nursery ready for field plantation. Provide new knowledge on plant tissue culture techniques for teaching purposes. Create a ready market for planting materials produced from KKR lab. KKR will be able to produce a few types of planting materials from the nursery.	<ul style="list-style-type: none"> • SDG 4: Quality Education • SDG 13: Climate Action • SDG 11: Sustainable Cities & Communities
28	Ibrahim	Faculty of Science (FoS)	Edu-Tourism Melalui Program Sains Cakna@Fakulti Sains	Faculty of Science (FoS)	To increase students 'interest in science in line with the government's desire to have science graduates for the country's present and future needs	To increase students 'interest in science in line with the government's desire to have science graduates for the country's present and future needs	<ul style="list-style-type: none"> • SDG 4: Quality Education • SDG 13: Climate Action • SDG 11: Sustainable Cities & Communities
29	Ramli Abdullah	Faculty of Science (FoS)	Pembangunan Kesejahteraan Penduduk Desa Melalui Program Perusahaan Penternakan Ayam Kampung (Ppak)	Yayasan Semesta Berdaftar (YSB)	The PPAK project will show that the career of commercial chicken farming is viable and has the potential to be used as a source of livelihood to overcome the excessive dependence on one source only.	The PPAK project can reduce dependence on one source of income only such as tapping rubber and becoming a fisherman in generating the economy by diversifying sources of income in Kampung Jeram, Selangor through commercial chicken farming.	<ul style="list-style-type: none"> • SDG 11: Sustainable Cities & Communities • SDG 12: Responsible Consumption and Production • SDG 15: Life on Land

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
30	Danny Wong Tze Ken	Malaysian Chinese Research Centre	Capturing A Living Heritage Village: Safeguarding Kampung Hakka Of Mantin, Negeri Sembilan	Kampung Hakka of Mantin	<p>1) It will help to preserve the Kampung Hakka's continued existence in the form of a living heritage village, while allowing development to continue.</p> <p>2) To create awareness of the importance of preserving or the continued existence of similar villages, not just Hakka, or Chinese, but all Malaysian villages, with heritage value but facing similar plights.</p>	<p>1. Helping villagers of Kampung Hakka, Mantin to have a clearer understanding of the problems and issues they are confronted with.</p> <p>2. Creating public awareness of the problems and issues facing Kampung Hakka, Mantin</p> <p>3. Creating general awareness that there are similar villages in Malaysia of all ethnic background facing threats of extinction because of development</p> <p>4. Creating general awareness among the Kampung Hakka villagers of their history and heritage.</p> <p>5. Helping to preserve Kampung Hakka continued existence as a living heritage village, while allowing development to proceed.</p>	<ul style="list-style-type: none"> SDG 11: Sustainable Cities & Communities
31	Mahanom Jalil	Centre for Foundation Studies UM	Income Generation Through Agro Entrepreneur	Komuniti 1 Malaysia Kg Sawah Negeri Sembilan	<p>Generate extra income and create interest among participants to start agriculture-based businesses. The profits from the sale of seedlings and fruits in plantations will be used as a source of capital for the next production. Preparing a nursery for participants and nurturing the agriculture skills among the community thus generating a source of income which gives them an opportunity to reduce their living cost and improve their careers in the future.</p> <p>The activities conducted will be benefited by the community to increase their productivity and engagement to nature and healthy environment.</p>	<p>Generate extra income and create interest among participants to start agriculture-based businesses. The profits from the sale of seedlings and fruits in plantations will be used as a source of capital for the next production. Preparing a nursery for participants and nurturing the agriculture skills among the community thus generating a source of income which gives them an opportunity to reduce their living cost and improve their careers in the future. The activities conducted will be benefited by the community to increase their productivity and engagement to nature and healthy environment.</p>	<ul style="list-style-type: none"> SDG 12: Responsible Consumption and Production SDG 13: Climate Action SDG 15: Life on Land

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
----	------------	------------------	---------------	----------------	---	-----------------------	-----

32	Lim Boon Hooi	Centre for Sport and Exercise Sciences	Train The Trainers To Promote 360 ° Titanium Core Strength Exercises	IPGs in Malaysia	The most obvious impact is to reduce the number of Malaysians facing back pain. It will be able to increase the productivity of Malaysians and reduce medical expenses that have to be borne by the Malaysian Government. To produce healthier and more prosperous Malaysians!	The most obvious impact is to reduce the number of Malaysians facing back pain. It will be able to increase the productivity of Malaysians and reduce medical expenses that have to be borne by the Malaysian Government. To produce healthier and more prosperous Malaysians!	<ul style="list-style-type: none"> • SDG 4: Quality Education • SDG 3: Health & Wellbeing
33	Suhaiza Mohamad Zailani	UMEC	Agro Business For Urban Community	Residents of Taman Medan Cahaya, Petaling Jaya	Reduction of household agricultural expenditure by 20% in the first year of project implementation with an expected average savings of RM 100 per month for households of 5-6 people.	Increase in income from self -produced agriculture by 30% in the first year of project implementation with an expected average additional income of RM 300 per month for households.	<ul style="list-style-type: none"> • SDG 12: Responsible Consumption and Production • SDG 13: Climate Action • SDG 15: Life on Land
34	Rozita Che Omar	Faculty of Languages and Linguistics (FBL)	Projek Membaca	1) SK Bangsar 2) SK (1) Sultan Alam Shah	1) Open opportunities for students to learn new knowledge and help them master and know the existing subjects. 2) Improving school examination results and academic grades. 3) Teachers will be easier to help students who are weak in their learning if the students involved can read, compared to students who are weak in the subject at school and do not know how to read. 4) Schools are able to know, adapt and use the learning model that will be introduced by the tutor and used during the learning session.	1) Open opportunities for students to learn new knowledge and help them master and know the existing subjects. 2) Improving school examination results and academic grades. 3) Teachers will be easier to help students who are weak in their learning if the students involved can read, compared to students who are weak in the subject at school and do not know how to read. 4) Schools are able to know, adapt and use the learning model that will be introduced by the tutor and used during the learning session.	<ul style="list-style-type: none"> • SDG 4: Quality Education

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
----	------------	------------------	---------------	----------------	---	-----------------------	-----

35	Azuddin Mamat	Faculty of Engineering (FEng)	Stem Through Robotics - Hand's On Application	1) SK Ketereh, Kelantan 2) SJK (C) Puay Chai 2	Arouse interest in students in science, engineering technology and mathematics. More specifically, the field of robotics which is one of the fields that includes these elements.	Arouse interest in students in science, engineering technology and mathematics. More specifically, the field of robotics which is one of the fields that includes these elements.	<ul style="list-style-type: none"> SDG 4: Quality Education
36	Ram Gopal Raj	Faculty of Computer Science & Information Technology (FSKTM)	Program Teknologi Sumber Kejayaan: Sains Komputer Penggerak Masa Hadapan Pendidikan Negara !	1) SMK Sultan Abdul Samad 2) SMK (P) Sri Aman	1) Teachers' IT knowledge will be improved in terms of the use of IT in the implementation of lesson plans. 2) Long -term relationships will be established with the school, especially with the Computer Club, not only to improve the students' IT and Computer knowledge, but also to market the UM FSKTM Undergraduate program. 3) The provision of e-learning servers for the school will overcome the problem of lack of systems and software and will be a catalyst in efforts to expand the use of IT at the school level.	1) Teachers' IT knowledge will be improved in terms of the use of IT in the implementation of lesson plans. 2) Long -term relationships will be established with the school, especially with the Computer Club, not only to improve the students' IT and Computer knowledge, but also to market the UM FSKTM Undergraduate program. 3) The provision of e-learning servers for the school will overcome the problem of lack of systems and software and will be a catalyst in efforts to expand the use of IT at the school level.	<ul style="list-style-type: none"> SDG 4: Quality Education SDG 11: Sustainable Cities & Communities
37	Nazean Jomhari	Centre of Quranic Research	Terapi Quran Dan Ibadah Bagi Anak Istimewa	1) SK (1) Sultan Alam Shah 2) SK (2) Sultan Alam Shah	1) The school can conduct AL-Quran classes and worship for their first special students among PPKI. 2) The cost of learning is cheap when compared to therapy in a hospital. 3) Able to deal with the emotions of special students in learning the Quran.	1) The school can conduct AL-Quran classes and worship for their first special students among PPKI. 2) The cost of learning is cheap when compared to therapy in a hospital. 3) Able to deal with the emotions of special students in learning the Quran	<ul style="list-style-type: none"> SDG 4: Quality Education

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
----	------------	------------------	---------------	----------------	---	-----------------------	-----

38	Muhammad Azhar Zailani	Faculty of Education (FoE)	Pemulihan Kelemahan Membaca Dan Menulis Jawi Peringkat Asas	1) SK (1) Sultan Alam Shah 2) SK Bangsar	1) Reduce the number and percentage of students who have not mastered 2M jawi from about 20-25% of students to 5% or less. 2) It is expected that the interest of these students will increase to learn 2M Jawi and Quran. 3) It is expected that headmasters and Islamic Education teachers in schools will include elements and activities of KGBK jawi rehabilitation in their Islamic Education pdp.	1) Reduce the number and percentage of students who have not mastered 2M jawi from about 20-25% of students to 5% or less. 2) It is expected that the interest of these students will increase to learn 2M Jawi and Quran. 3) It is expected that headmasters and Islamic Education teachers in schools will include elements and activities of KGBK jawi rehabilitation in their Islamic Education pdp.	• SDG 4: Quality Education
39	Rahimi Md Saad	Faculty of Education (FoE)	Peningkatan Kualiti Solat Murid Smk Melalui Modul Pemahaman Maksud Bacaan Solat	1) SMK Seri Pantai 2) SMK (P) Sri Aman	1) Increase the number and percentage of Form 1 and 2 students who understand what they read (surahs & prayers) in prayer: 0% of students at the beginning (pre) of the project to - 70 % of students who understand 90-100 % of what is read in prayer - 30% of students will understand 60% of what is taught in this project / module. 2) It is expected that these students will understand the recitation in prayer as their practice every time/time of prayer. 3) It is expected that the principals and teachers of Islamic education of the school will include elements and activities of understanding reading in the teaching & learning of Islamic education in the school.	1) Increase the number and percentage of Form 1 and 2 students who understand what they read (surahs & prayers) in prayer: 0% of students at the beginning (pre) of the project to - 70 % of students who understand 90-100 % of what is read in prayer - 30% of students will understand 60% of what is taught in this project / module. 2) It is expected that these students will understand the recitation in prayer as their practice every time/time of prayer. 3) It is expected that the principals and teachers of Islamic education of the school will include elements and activities of understanding reading in the teaching & learning of Islamic education in the school.	• SDG 4: Quality Education

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
----	------------	------------------	---------------	----------------	---	-----------------------	-----

40	Poo Balan Ganesan	Faculty of Engineering (FEng)	Engineering Soft-Skill Knowledge Transfer : Solidworks Software For Engineering Drawing And Partial Engineering Laboratory Tour	1) SMK Bandar Utama Damansara 3	1) Implementation of practical activities allowing students to explore engineering knowledge, attaining experiences beyond classroom learning. 2) Improve performance in science, mathematics and engineering related subjects3) A solution to the issue of fund shortage for the organisation of school-university collaboration activities.	1) Implementation of practical activities allowing students to explore engineering knowledge, attaining experiences beyond classroom learning. 2) Improve performance in science, mathematics and engineering related subjects3) A solution to the issue of fund shortage for the organisation of school-university collaboration activities.	<ul style="list-style-type: none"> SDG 4: Quality Education
41	Mohd Faisal Mohamed	Faculty of Education (FoE)	Pemulihan Kelemahan Membaca Quran Peringkat Asas	1) SK Convent (2) Bukit Nanas 2) SK Raja Muda	1) Reduce the number and percentage of students who have not mastered the basic Quran reading from about 20-25% of students to 5% or less. 2) It is expected that the interest of these students will increase to study the Quran 3) It is expected that schools will incorporate the elements and activities of the mualim method in their pdp quran, islamic education. This will be the process of teaching Islamic Education in schools to improve and be effective for students who are still weak.	1) Reduce the number and percentage of students who have not mastered the basic Quran reading from about 20-25% of students to 5% or less. 2) It is expected that the interest of these students will increase to study the Quran 3) It is expected that schools will incorporate the elements and activities of the mualim method in their pdp quran, islamic education. This will be the process of teaching Islamic Education in schools to improve and be effective for students who are still weak.	<ul style="list-style-type: none"> SDG 4: Quality Education

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
----	------------	------------------	---------------	----------------	---	-----------------------	-----

42	Zuraidah Abdullah	Faculty of Education (FoE)	Model Penyeliaan Kembang Tumbuh Budaya Komuniti Pembelajaran Profesional	1) SAMT Tengku Ampuan Jemaah 2) SMK Seksyen 10, Kota Damansara	1) Giving a new perspective that they change their mind set to the concept of supervision is a lifelong learning process. 2) Teachers can improve the PdP of teachers and directly improve the learning of students in the schools targeted by our team. 3) Provide prerequisite skills for every supervisor who wants to supervise teachers or colleagues. 4) Help the school answer the SKPM that must be reported every year	1. Able to write good business paperwork 2. Able to organise everything related to the course project 3. Able to manage its own financial issues effectively 4. Able to communicate efficiently 5. Able to start business with confidence	<ul style="list-style-type: none"> SDG 4: Quality Education
43	Mahanom Jalil	Centre for Foundation Study UM	Program Kesedaran Sains Melalui Pendekatan Mudah Bioteknologi Bagi Peningkatan Pembangunan Modal Insan	1) SK Sri Petaling 2) SK Kampung Sawah, Port Dickson 3) SK Taman Megah	1) Pupils can improve their learning skills and strengthen themselves to face exams later. 2) Open the minds of students to always strive for a bright future until they set foot on the ivory tower. 3) Foster awareness of science among school children	1) Pupils can improve their learning skills and strengthen themselves to face exams later. 2) Open the minds of students to always strive for a bright future until they set foot on the ivory tower. 3) Foster awareness of science among school children	<ul style="list-style-type: none"> SDG 4: Quality Education
44	Abrizah Abdullah	Faculty of Computer Science & Information Technology (FSKTM)	Projek Komuniti Perpustakaan Universiti Malaya : Knowledge Transfer For Better School Resource Management	1) SMK Damansara Utama 2) SMK Damansara Jaya 3) SMK Seksyen 8, Kota Damansara	1) Give exposure and give platform for Resource Centre / School Library Advisory Teachers to formulate a strategic plan to develop information centres in schools. 2) This program gives students a little new knowledge that helps them find information on the website. 3) Foster the spirit of students to continue their studies at Menara Gading.	1) Provide exposure and provide a platform to the Resource Centre / School Library Advisory Teachers to formulate a strategic plan to develop information centres in schools. 2) This program gives students a little new knowledge that helps them find information on the website. 3) Foster the spirit of students to continue their studies at Menara Gading.	<ul style="list-style-type: none"> SDG 4: Quality Education

NO	STAFF NAME	FACULTY / CENTRE	PROJECT TITLE	COMMUNITY NAME	BRIEF DESCRIPTION OF KNOWLEDGE/TECHNOLOGY	IMPACT OF THE PROJECT	SDG
----	------------	------------------	---------------	----------------	---	-----------------------	-----

45	Muhammad Saiful Haq Hussin	Akademi Pengajian Melayu (APM)	Faktor Ekstralinguistik Sebagai Pacuan Asas Membaca Murid Tahun 1 Di Sekolah Kebangsaan: Ke Arah Melahirkan Modal Insan Yang Berkualiti	1) SK Kelana Jaya 1 2) SK Bukit Pantai	1) Eradicate the problem of illiteracy and not being able to master the basics of reading in Malay. 2) Provide quality human modules for each entry at the higher school level. 3) Produce excellence in the field of Malay language.	1) Eradicate the problem of illiteracy and not being able to master the basics of reading in Malay. 2) Provide quality human modules for each entry at the higher school level. 3) Produce excellence in the field of Malay language.	<ul style="list-style-type: none"> SDG 4: Quality Education
46	Norzulaani Khalid	Faculty of Science (FoS)	Informal Classroom To Enhance Communication Skills And Learning Biology In Schools	1) SMK Damansara Jaya 2) SMK Bandar Utama Damansara 3 3) SM Sri Bestari	1) Network with UM 2) Alternative learning platform 3) Create enthusiasm among teachers and school children.	1) Network with UM 2) Alternative learning platform 3) Create enthusiasm among teachers and school children.	<ul style="list-style-type: none"> SDG 4: Quality Education