

SOLAR LIGHTING PROJECT FOR REMOTE SCHOOLS

Researchers from Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA (UiTM) Perak Branch have initiated a community-based approach project that helps rural schools in Perak to harvest solar energy for lighting purposes. This project involved three schools in Perak and was led by Sr Dr Nur Azfahani Ahmad with an aim to provide a sustainable power supply to generate lighting for the targeted schools. The main purpose was to assess the effectiveness of solar electrification in rural schools with the involvement of local communities. This project was funded by the FRGS grant, and has officially started since March 2019 until March 2021. This project witnessed the involvement of 10 researchers and 5 postgraduate students from the Faculty of Architecture, Planning and Surveying, UiTM Perak branch.

In this project, 16 solar lightings with the capacity of 50-watt power were installed at two primary schools in Parit, Perak, whilst another 2 solar-powered charging hubs were installed at a selected boarding school located in Lenggong, Perak. This project selected rural schools in Perak at locations far from the main road, in the middle of plantation or agricultural areas, and where it is very dark at night. With these conditions, the students from the respective schools had to face issues of safety and security before the installation of the solar lamps. This project has given the school the opportunity to receive sustainable energy and at the same time, green education. This project has provided a platform in enhancing sustainability projects between the university's researchers and local communities through a community-based approach project.



Sr Dr Nur Azfahani Ahmad
(FSPU)



e-Canang NEWS

UiTM PERAK BRANCH

ISSUE 1/2022

11

EDITORS



ASSOC. PROF. Ts. Sr. DR MOHD FADZIL MAT YASIN (Executive Editor)
WAN NURUL FATIHAH WAN ISMAIL (Chief Editor)

LANGUAGE EDITORS




MAHFUZH RAFEK
MOHD HAFIZ MAT ADAM
NOORLINDA ALANG
NOR HIDAYATI ABDULLAH
NORAZIAH AZIZAN
NUR FARHANA NASRI
NURHIDHA IRAWATY BT KASMARUDDIN
NURUL NADWA AHMAD ZAIDI
SHEEMA LIZA IDRIS


GRAPHIC DESIGNERS



NURUL AKLA AHMAD KHALIL
(Corporate Communication Unit)

 <https://perak.uitm.edu.my/v3>

 <https://www.facebook.com/uitmperakofficial>

 <https://www.instagram.com/uitmperakigrasmi>

 <https://twitter.com/UiTMPerak>

e-Canang NEWS

UiTM PERAK BRANCH

ISSUE 1/2022

12

All rights reserved. No part of this publication may be reproduced, distributed or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission from UiTM.

eISSN 2600-8513



9 772600 851009

PUBLISHED BY
Corporate Communication Unit
Universiti Teknologi MARA, Perak Branch

Surat kami : 700-KPK (PRP.UP.1/20/1)

Tarikh : 20 Januari 2023

Prof. Madya Dr. Nur Hisham Ibrahim
Rektor
Universiti Teknologi MARA
Cawangan Perak



Tuan,

**PERMOHONAN KELULUSAN MEMUAT NAIK PENERBITAN UiTM CAWANGAN PERAK
MELALUI REPOSITORI INSTITUSI UiTM (IR)**

Perkara di atas adalah dirujuk.

2. Adalah dimaklumkan bahawa pihak kami ingin memohon kelulusan tuan untuk mengimbas (*digitize*) dan memuat naik semua jenis penerbitan di bawah UiTM Cawangan Perak melalui Repositori Institusi UiTM, PTAR.

3. Tujuan permohonan ini adalah bagi membolehkan akses yang lebih meluas oleh pengguna perpustakaan terhadap semua maklumat yang terkandung di dalam penerbitan melalui laman Web PTAR UiTM Cawangan Perak.

Kelulusan daripada pihak tuan dalam perkara ini amat dihargai.

Sekian, terima kasih.

“BERKHIDMAT UNTUK NEGARA”

Saya yang menjalankan amanah,

SITI BASRIYAH SHAIK BAHARUDIN
Timbalan Ketua Pustakawan

nar

Setuju.

27.1.2023

PROF. MADYA DR. NUR HISHAM IBRAHIM
REKTOR
UNIVERSITI TEKNOLOGI MARA
CAWANGAN PERAK
KAMPUS SERI ISKANDAR