



UTeM

جامعة ملقا

UNIVERSITI TEKNIKAL MALAYSIA MELAKA



ll about:
DEAD



chubby cheeks

SWEET

carter's
wiggle-in bodysuits

carter's bodysuits

love

carter's
wiggle-in bodysuits

GAA

CHIPPER
BELL

CHIPPER
BELL

HANDSOME
LIKE
A BOY

baby
PJ'S
GAA



AKTIVITI PEMASARAN



A large display board with multiple sections containing colorful posters, diagrams, and text. The posters appear to be related to marketing and business activities.

A display board with several smaller posters and informational graphics. One poster has the heading 'KERATAN AKHBAR' and another has 'AKTIVITI HALI'.

Several people are gathered around the booth. A man in a white shirt is looking at a laptop on a table. A woman in a red dress and a woman in a brown dress are also looking at the displays. Other people are standing and talking in the background.

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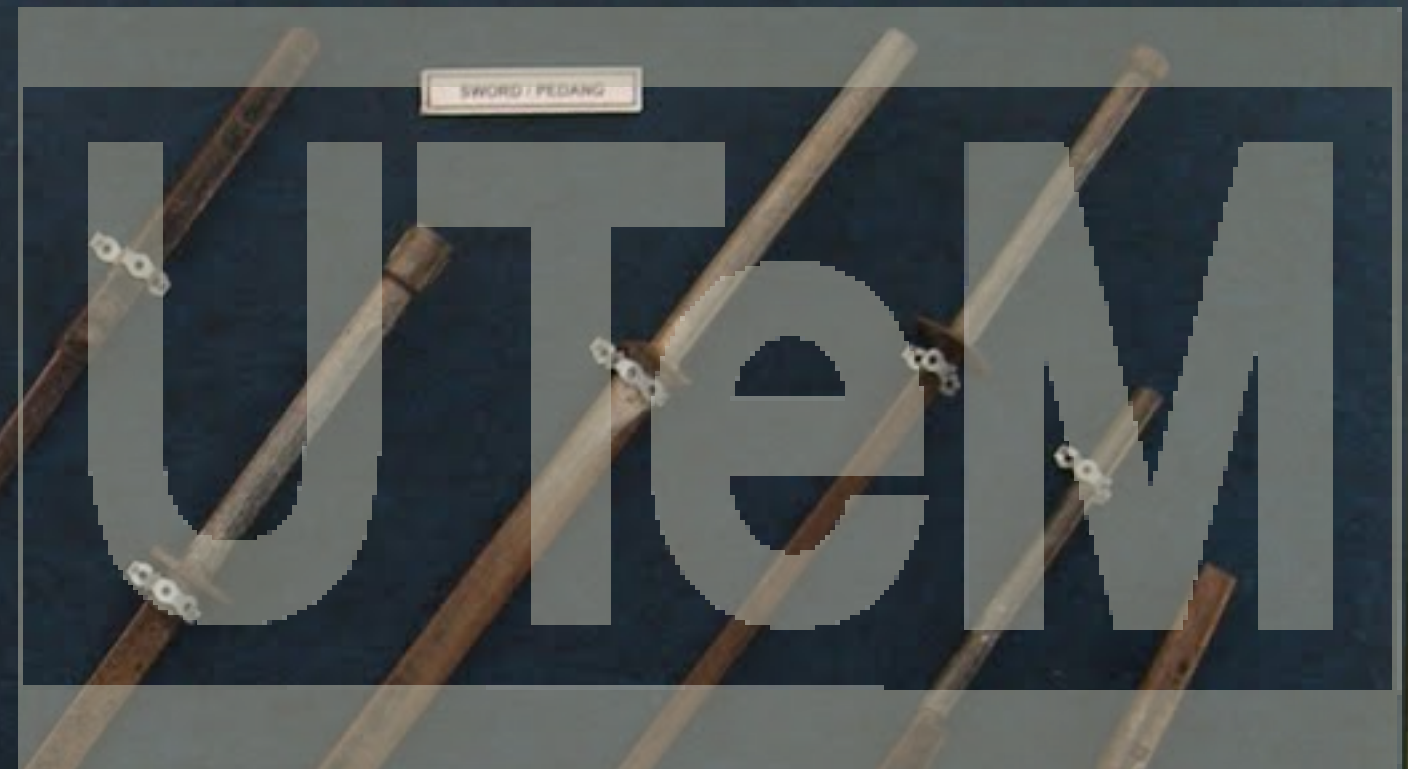
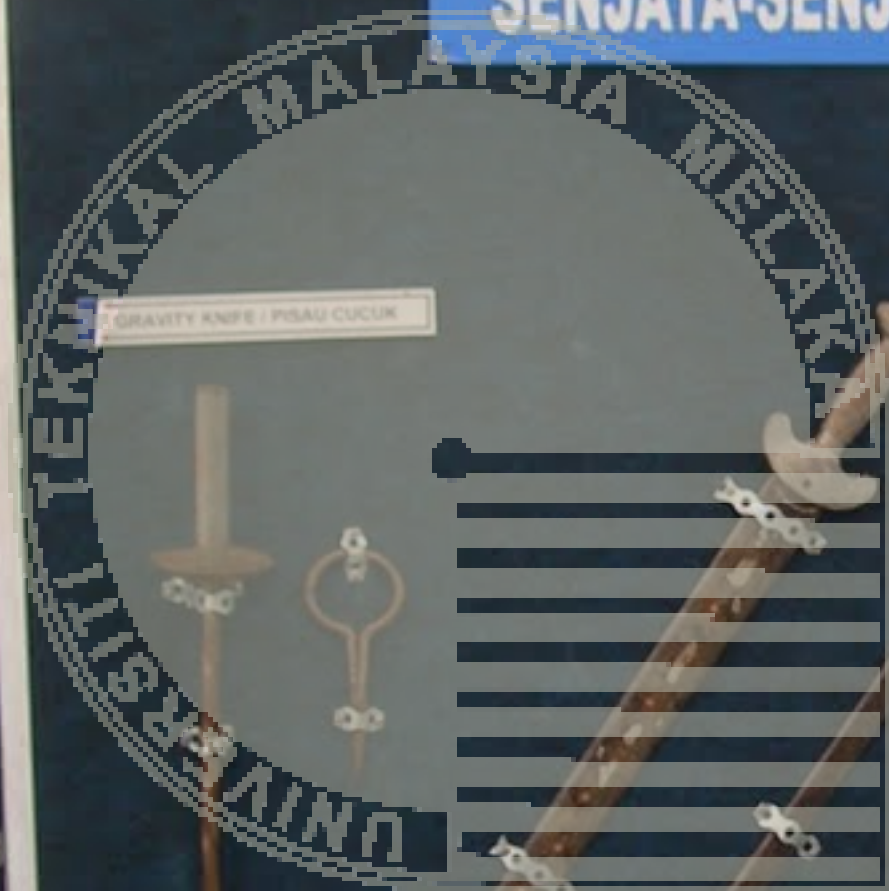
جامعة تكنولوجية ماليزيا ملاكا



اونیورسیتی تیکنیکل ملیسیا ملاک

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

SENJATA-SENJATA YANG DIGUNAKAN OLEH KONGSI GELAP



اونيورسيتي تېكنيكل مليسيا ملاك

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DEWAN BESAR



ويورسي تي تېكنيڪل مليسيا ملاك

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UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Tahniah Para Graduan

Fakulti Kej. Elektronik
&
Kej. Komputer (FKEKK)

Di atas
Kejayaan Memperolehi
Ijazah & Diploma

Daripada Warga
FKEKK

Tahniah Para Graduan

Fakulti Kej. Elektronik
&
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Di atas
Kejayaan Memperolehi
Ijazah & Diploma

Daripada Warga
FKEKK

LOW COST MICROWAVE ABSORBER

Introduction
The purpose of this work is to determine the absorption effect by using carbon as absorbing material. It will be used in anechoic chamber in order to avoid reflections that occur on the wall of the shaped. The pyramidal shaped is chosen because it could meet the specified industrial standards which can work well at microwave frequency. To verify the performance of the absorber, a measurement is conducted to determine the absorption rate in commercial absorber.

Methodology

1. DETERMINE THE ABSORPTION RATE

2. DESIGN THE ABSORBER

3. FABRICATE THE ABSORBER

4. TEST THE ABSORBER

5. ANALYSIS THE RESULT

Process of Development

1. IDENTIFY THE PROBLEM

2. ANALYZE THE PROBLEM

3. DESIGN THE SOLUTION

4. FABRICATE THE SOLUTION

5. TEST THE SOLUTION

Product Benefits

- Low cost
- Ease to manufacture
- Light weight
- Local Available Material
- Immune to Humidity



POWER STORAGE
DISTRIBUTION



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UTeM
FAKULTI TEKNIKAL ELEKTRONIK & KEJ. KOMPUTER



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AUTOMATED INTELLIGENT STORAGE SECURITY AND ALERT SYSTEM (SAS 2000)

DESCRIPTION OF PRODUCT:

Automated Intelligent Storage Security and Alert System (SAS 2000) is a state-of-the-art system designed to protect data and ensure business continuity. It features advanced security protocols, real-time monitoring, and intelligent alert mechanisms. The system is designed to detect and respond to various threats, including unauthorized access, data breaches, and hardware failures. It provides a comprehensive solution for organizations looking to safeguard their critical information assets.

KEY FEATURES:

- Advanced security protocols
- Real-time monitoring and alerting
- Intelligent threat detection
- Comprehensive reporting and analytics

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SMART ENERGY STORAGE SYSTEM

DESCRIPTION OF PRODUCT:

Smart Energy Storage System is a cutting-edge technology designed to optimize energy storage and distribution. It utilizes advanced battery management systems and intelligent control algorithms to maximize energy efficiency and extend the lifespan of storage devices. The system is suitable for various applications, including residential, commercial, and industrial settings, providing a reliable and sustainable energy solution.

KEY FEATURES:

- Advanced battery management
- Intelligent energy distribution
- Real-time performance monitoring
- Scalable and flexible architecture

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ZERO ENERGY BUS (ZEB)

DESCRIPTION OF PRODUCT:

Zero Energy Bus (ZEB) is a revolutionary concept in sustainable transportation. It is designed to operate with zero net energy consumption, utilizing a combination of renewable energy sources and energy-efficient technologies. The bus is equipped with solar panels, energy storage systems, and smart energy management systems to ensure it can power itself and its passengers. This technology represents a significant step towards reducing the carbon footprint of public transport.

KEY FEATURES:

- Renewable energy integration
- Energy-efficient propulsion
- Smart energy management
- Reduced operational costs

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SMART INTELLIGENT PICO HYDRO GENERATORS SYSTEM (SPEO)

DESCRIPTION OF PRODUCT:

Smart Intelligent Pico Hydro Generators System (SPEO) is a compact and efficient power generation solution. It harnesses the energy of small-scale water flows to generate electricity, providing a clean and sustainable power source for remote areas and small businesses. The system is designed for easy installation and maintenance, ensuring long-term reliability and performance.

KEY FEATURES:

- Compact and efficient design
- Renewable energy source
- Easy installation and maintenance
- Reliable and long-lasting performance

اوپوزیسیٹی ٹیکنیکل ملیسیا مالاکا

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Paper Bicycle

Paper Bicycle Project uses project based learning approach that consists of design process initially and up to the actual manufacturing processes. The whole exercise comprised of cognitive, psychomotor, affective, and soft skill domains in terms of learning process. The student experienced the actual design work and manufacturing process in realizing this paper bicycle.



Rim Adjusting Jig

AUTOMATIC MOTORCYCLE RIM ADJUSTING JIG

Motorcycle rim adjusting jig has been widely used as an instrument for wheel alignment of motorcycle's tires. By using this particular jig, it may help the mechanic to do alignment of "run-out" problem which is usually related to the alignment of the motorcycle rim. The concept of using oil pump, a motor and driven motor can also be product line whereby the alignment process can be done automatically. The detection of "run-out" problem can become easily



Toilet Master

In our product-TOILET MASTER, we can reduce the water energy. In daily life, when we are using the toilet, surely we will flush the water flushing have to waste the water. If we flush the toilet 5 times, it implies we use 5 liters of water per day. Excluding using the toilet, we also will use water. To reduce the water pollution, we have made a combination



Electric Scooter

FOLDABLE ELECTRIC SCOOTER

Conceptualization of the project was this because you always need to go to the place. To do this, you need to bring the electric scooter. The electric scooter will save a lot of money. It is a good idea to bring a foldable electric scooter. It can be used in a lot of places. It is a good idea to bring a foldable electric scooter. It can be used in a lot of places. It is a good idea to bring a foldable electric scooter. It can be used in a lot of places.



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AUTOBIKE



MALAYSIA MELAKA

MEMILANGAN

TI
ERAAN
KAL

**FAKULTI
KEJURUTERAAN
MEKANIKAL**
VISI
Menjadi fakulti yang unggul,
dinamik dan inovatif
MISI
Melahirkan graduan kejuruteraan
mekanikal yang kompeten
dan bersihsiah murni

SAE International
MALAYSIA SECTION
MELAKA INTERNATIONAL
MOTORSPORT CIRCUIT
3rd FREE ADMISSION
UTeM
**FORMULA
VARSITY**
formulavarsity.utm.edu.my
9-10 OCTOBER 2011

UNIVERSITI TEKNIKAL MALAYSIA MELAKA
**FACULTY OF
MECHANICAL
ENGINEERING**
VISION
To be an ideal,
dynamic and innovative faculty
MISSION
To produce highly competent
mechanical engineering graduates
having good moral and ethical values



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FAKULTI KEJURUTERAAN MEKANIKAL
www.utm.edu.my/fkm



DR. ZAHIR
MR. FUDHAIL
MR. RODDY



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ININ - KHAMIS
00 pg - 10.00 mlm (Sepanjang Semester dan 2 Minggu Sebelum & Sepanjang Minggu Peperiksaan)
00 pg - 5.00 ptg (Cuti Semester)

MAAT
00 pg - 10.00 mlm (Sepanjang Semester dan 2 Minggu Sebelum & Sepanjang Minggu Peperiksaan)
00 pg - 12.15 t/hari (Cuti Semester)
15 ptg - 5.00 ptg

ABTU & AHA
00 pg - 10.00 mlm
Tutup

CUTI UMUM
Tutup
8.00 pg - 10.00 mlm (2 Minggu Sebelum & Sepanjang Minggu Peperiksaan)
Tutup



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CRIM
Centre for Research in Innovation and Management

TYPE	NUMBER OF GRANT	AMOUNT (RM)	PERCENTAGE (%)	TOTAL
APPROVED GRANT SOURCES	10	1,200,000	100%	1,200,000
APPLY & UTAM	5	600,000	50%	600,000
FUNDAMENTAL RESEARCH GRANT SCHEMES	5	600,000	50%	600,000
TECHNICAL SUPPORT	5	600,000	50%	600,000

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CRIM
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Focus Area

Emerging Technologies

Technical Systems Engineering

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CRIM
Centre for Research in Innovation and Management

OF AWARD WINNING BY YEAR

YEAR	SILVER	CRIM	TOTAL
2008	2	4	6
2009	7	1	8
2010	11	15	26
2011	13	12	25
2012	15	10	25
2013	18	12	30
2014	20	15	35
2015	25	20	45
2016	30	25	55
2017	35	30	65
2018	40	35	75
2019	45	40	85
2020	50	45	95
2021	55	50	105
2022	60	55	115
2023	65	60	125
2024	70	65	135
2025	75	70	145
2026	80	75	155
2027	85	80	165
2028	90	85	175
2029	95	90	185
2030	100	95	195

OF AWARD WINNING BY YEAR

TECHNICAL SYSTEMS ENGINEERING

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وینور سیتی نیچر کیچیکل ملاک

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UTOM

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