

2019

ACADEMIC INTELLECTUAL
INTERNATIONAL INVENTION,
INNOVATION & DESIGN BOOK

Published by : Student Affairs Department,
Universiti Teknologi MARA Kedah,
P.O. Box 187, 08400 Merbok, Kedah, Malaysia.

Patron : Dr. Wan Irham Ishak
Dr. Abd Latif Abdul Rahman

Project Manager : Yazwani Mohd Yazid

Design Director : Mohd Hamidi Adha Mohd Amin
Fadila Mohd Yusof

Editorial Director : Mohd Hamidi Adha Mohd Amin
Mas Aida Abd Rahim

Copyright © 2019 Student Affairs Department, Universiti Teknologi MARA Kedah.

No part of this publication may be reproduced, stored in retrieval system, or transmitted in any form or by means, electronic, mechanical, photocopying, recording, or otherwise, without the prior permission of the publisher.

ISBN : 978-967-0314-71-6

Printed by : Perpustakaan Sultan Badlishah,
Universiti Teknologi MARA Kedah,
P.O Box 187, 08400 Merbok, Kedah, Malaysia.

23.	SMART CALIPH GAME BOARD	25
24.	KEBERKESANAN EQ-MAZE DALAM MENINGKATKAN MINAT DAN PENCAPAIAN PELAJAR	26
25.	INACLE SYSTEM (INFORMATION ACCIDENT VEHICLE SYSTEM)	27
26.	PENGGUNAAN SISTEM ‘FLIPPED CLASSROOM’ BERSAMA DENGAN APLIKASI WHATSAPP DAPAT MENINGKATKAN MASA INTERAKSI PDPC	28
27.	IMMERSIVE LEARNING EXPERIENCE ON PORTFOLIO DESIGN THROUGH MASSIVE OPEN ONLINE COURSE (MOOC)	29
28.	KEBERKESANAN ALAT BANTU MENGAJAR “PERFORM VISUAL INSPECTION ON WELDED JOINT” DALAM PENGAJARAN DAN PEMBELAJARAN TEKNOLOGI KIMPALAN.	30
29.	PENGGUNAAN TRACKER DALAM PEMBELAJARAN MAKMAL FIZIK	31
30.	KEBERKESANAN APLIKASI MIKRO KOMPUTER DALAM EKSPERIMEN KAPASITOR	32
31.	EZEVENT	33
32.	SEALAB – COCOA HAND BUTTER	34
33.	SMILE: INNOVATIVE FACIAL MIST	35
34.	SNAPNUTRITION AS EDUCATION AND NUTRITION IMPROVEMENT FOR INDONESIAN PEOPLE THROUGH MACHINE LEARNING TECHNOLOGY	36
35.	DiOjekin! : MOBILE APPS OJEK ONLINE SYSTEM FOR DISABILITIES	37
36.	APATHETIC APPS – MOBILE APPLICATION DEVELOPMENT TO LOCK SMARTPHONES AND UNLOCK IT BY USER’S CONVERSATION	38
37.	CHEM-AR	39
38.	EDUCATIONAL ANDROID SIMULATOR OF RES-CIRCUIT QUIZ BOARD	40
39.	GAS LOAD MONITORING SYSTEM BASED ON IOT TECHNOLOGY	41
40.	BELOVED TRACKER SYSTEM	42
41.	RH-SILICA	43
42.	SMART TYRE	44
43.	SMART TRAFFIC SIGN GAMES: INNOVATION TECHNOLOGY BASED ON INTERACTIVE SURFACE AND AUGMENTED REALITY FOR EARLY CHILDHOOD	45
44.	ETRACE	46
45.	RAT DISSECTING KIT	47
46.	TOURGO - GAMIFIED AUGMENTED REALITY TOUR	48
47.	IMPLIMENTATION OF SANATORI FOR DETECTOR OF CORAL REEF DESTRUCTION BASED ON ULTRASONIC	49
48.	SENSOR ENHANCED REHABILITATION FOR KNEE INJURIES	50
49.	EDUCATIONAL ANDROID SIMULATOR OF RES-CIRCUIT QUIZ BOARD	51
50.	MELYNA: INNOVATIVE FACIAL SERUM	52
51.	K-TRAC GADGET	53
52.	JUBELITAS (JUAL BELI KARYA DISABILITAS)	54
53.	THE EFFECTIVENESS OF USING CIRCLE GEOMETRY BOARD (CG-BOARD) STRATEGY IN LEARNING CIRCLE GEOMETRY TOWARDS SECONDARY STUDENTS PERFORMANCE	55
54.	UTILIZING THE CIPLUKAN PLANT AS A YOGURT AND HERBAL REMEDY WITH A MYRIAD OF BENEFITS	56

INNOVATION

CATEGORY

SEALAB – COCOA HAND BUTTER

Rosnani Nazri^{1,2}, Shameen I.Anthonysamy¹, M.Hanif M.Dahalan¹,N.Fazdlira Mohtar¹ & Zamzila E.Zainol^{1,2}

¹*Program Teknologi Marin, Fakulti Sains Gunaan, UiTM Cawangan Perlis, Arau, Perlis*

²*Marine Research Centre (MAREC), UiTM Cawangan Perlis, Pulau Tuba, Langkawi, Kedah*

rosnani.nazri@gmail.com

Cosmetics are aid substances used to enhance the appearance of the human body. Traditionally cosmetics include skin care, color cosmetics, hair care, nail care, oral care and perfumery and deodorants. The market of cosmetics in Malaysia is seen as a growing industry which contributes high economic growth rate that occupies the 20% market share of the global consumption value. The increasing demand for skin care drives local and imported cosmetics companies to be developing fast. For the brand owners, such as L'Oreal, Shiseido and Estee Lauder are among established in the worldwide. Cosmetics of natural origin is considering as one the best-selling cosmetics products in the country where the companies promoted them as being environment friendly, in contrast to aromatherapy which is in a limited demand. *SeaLab Cocoa Hand Butter* ingredients provide physical and functional properties to personal care products. Exponential growth in personal care market in Malaysia, coupled with increasing use of natural and multi-functional ingredients in these products, has been driving the country's cosmetic ingredients market. *SeaLab Cocoa Hand Butter* produces a 100% organic and natural marine-based product for the consumers. It is free from artificial colorants, petrochemicals and preservatives by using mainly brown marine algae, cocoa butter, corn oil infused-based, lemon and aloe Vera extract. The product is very lightweight, durable and compact casing with economical price. Its' natural ingredients help to protects skin from excessive UV light, heals sunburn and hydrates the body skin. There's no animal testing, a respect for the environment and fair trade. *SeaLab Cocoa Hand Butter* safely used by people at all ages that provides rapid absorption onto all types of skin with non-greasy or sticky texture.



UNIVERSITI
TEKNOLOGI
MARA

Cawangan Kedah
Kampus Sungai Petani



KEMENTERIAN
PENDIDIKAN
MALAYSIA

MRM
MALIS REKABENTUK MALAYSIA

ISBN 978-967-0314-71-6



9 789670 314716