

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

## **JUBELITAS (JUAL BELI KARYA DISABILITAS)**

**Rifaldi Raya<sup>1</sup>, Putri Riyadhus Shalihah<sup>2</sup>, Annas Hidayatullah<sup>3</sup>, Figgi Sangga Adilla Putra<sup>4</sup>,  
Zahria Latifatulhanim<sup>5</sup>**

Zahria\_hanim02@yahoo.com

*<sup>1</sup>Universitas Brawijaya, Malang, Indonesia.*

Technology has an important role to help human work. Technology is used in various fields such as economics, education and others. The facilities provided by technology can be used by all parties, but now those who have limitations are considered unable to use them. Every person is intelligent and has many innovations in his brain, the question is how can this innovation be implied and help others. Jubelitas is a special space for disability in developing themselves. The problem that often occurs is a way of mutual respect as motivation to others. Depreciation of social attention causes groups with special needs, currently in Indonesia According to SUPAS 2015 there are 8.56 percent of the population with disabilities, which according to the province, the three provinces with the most disabilities are North Sulawesi, Gorontalo and Central Sulawesi. While the provinces of Banten, East Kalimantan and Riau Islands, male population aged 10 years and over who had difficulty managing themselves amounted to 0.84 percent, while the female population was higher at 1.20 percent. Based on the data above, creativity in disability is particularly difable with special abilities, but there is no specific space. An innovation to help disability work with consumers. Jubelitas is a web form that is useful as a place to accommodate difable creativity using an online-based system, so it can help others.

**Keywords :** Disabilities, Web, Innovation.



UNIVERSITI  
TEKNOLOGI  
MARA

Cawangan Kedah  
Kampus Sungai Petani



KEMENTERIAN  
PENDIDIKAN  
MALAYSIA

**MRM**  
MALIS REKABENTUK MALAYSIA

ISBN 978-967-0314-71-6



9 789670 314716