

i-PRESTIGE



UNIVERSITI
TEKNOLOGI
MARA

2022 ANNUAL REPORT

Research, Industrial Linkages and Alumni Division
UiTM Cawangan Johor

UiTM *di hatiku*

Research, Industrial Linkages and Alumni Division
Universiti Teknologi MARA Cawangan Johor
Jalan Universiti, Off KM 12 Jalan Muar
85000 Segamat
JOHOR

Tel : 07-9352454

Fax : 07-9352716

<https://johor.uitm.edu.my/index.php/penyelidikan/buletin>

eISBN 978-967-0479-72-9



9 789670 479729

Universiti Teknologi MARA Cawangan Johor ©2022

All rights reserved. No part of this publication may be reproduced, stored, transmitted in any form or by any means, by and individual, department or organization without the prior written permission from the Research, Industrial Linkages and Alumni (PJI&A), Universiti Teknologi MARA Cawangan Johor.

eISBN : e-978-967-0479-72-9

Published by:

Research, Industrial Linkages and Alumni Division

Universiti Teknologi MARA Cawangan Johor

Jalan Universiti, Off KM 12 Jalan Muar

85000 Segamat

JOHOR

Tel : 07-9352454

Fax : 07-9352716

<https://johor.uitm.edu.my/index.php/penyelidikan/buletin>

Printed in Malaysia

ACKNOWLEDGEMENT

A special appreciation is extended to the Rector of Universiti Teknologi MARA Cawangan Johor (UiTMCJ), Associate Professor Dr. Saunah Zainon and the Deputy Rector of Research, Industry Linkages and Alumni (PJI&A) Division of UiTMCJ, Dr. Faridah Najuna Misman. Their constant support ensures this Intellectual Prestige (i-PRESTIGE) 2022 be victoriously published.

A special acknowledgement also goes to all hardworking PJI&A coordinators and i-PRESTIGE 2022 committee members who persistently committed in the different aspects and stages of compiling and publishing the annual report.

FOREWORD BY RECTOR



In the name of Allah, the Most Gracious and the Most Merciful. May he grant blessing and peace to Prophet Muhammad (S.A.W) and his family.

A lot of activities, programs and projects were successfully conducted by our UiTM Cawangan Johor's academic staff in the year of 2022. Hence, to commemorate these achievements, UiTM Cawangan Johor utilises our yearly i-PRESTIGE to compile and publish all the reports from the different units under the Research, Industrial Linkages and Alumni (PJI&A) Division of UiTM Cawangan Johor.

All praise to be to Allah for we have managed to publish the fifth Intellectual Prestige (i-PRESTIGE) for the year 2022. Similar to our previous publications, it highlights the success and achievement of PJI&A of UiTMCJ in relation to researches, publications, consultancy projects, innovations, entrepreneurship, community service and alumni activities. May this report inspire more ideas and interests, and spark greater motivations, in the academia and upon other staff, for a more successful and productive year 2023.

Last but not least, I would like to congratulate the PJI&A team for successfully putting together the i-PRESTIGE 2022. Your boundless energy and admirable commitment are much appreciated. Thank you to all the other i-PRESTIGE 2022 committee members as well, for your hard work and diligence in ensuring the success of this publication.

ASSOCIATE PROFESSOR DR. SAUNAH ZAINON

Rector

Universiti Teknologi MARA Cawangan Johor

FOREWORD BY DEPUTY RECTOR OF RESEARCH & INDUSTRIAL LINKAGES



Since 2018, the annual report of Research, Industrial Linkages & Alumni Division (BPJI&A), Universiti Teknologi MARA Cawangan Johor, known as i-PRESTIGE has published with annual publications. The i-PRESTIGE 2022 is the fifth publication which compiles and showcases all activities, achievements and the success for the year 2022. The fifth edition of this annual report would not have been possible without the energy, effort and expertise from the team. I am delighted to write this foreword because I really appreciate the efforts of teamwork by all the coordinators from Segamat and Pasir Gudang campuses and I want to thank you wholeheartedly for this excellent annual report.

I would also like to thank the Rector of UiTM Cawangan Johor, Associate Professor Dr. Saunah Zainon for her distinctive support, the Managing Editor for this issue, Diana' Mazan as well as all the authors, reviewers, language editors and graphic designers and the support staffs from BPJI&A who have contributed in the publication of this issue.

I hope the readers find this annual report to be informative and useful, practical and relevant for their references. As always, I am grateful to all my family, friends and colleagues, whose encouragement means everything.

Thank you.



DR. FARIDAH NAJUNA MISMAN

Deputy Rector of Research & Industrial Linkages

Universiti Teknologi MARA Cawangan Johor

TABLE OF CONTENTS

Acknowledgement	i
Foreword by Rector	ii
Foreword by Deputy Rector of Research, Industrial Linkages and Alumni	iii
Table of Contents	iv
Authors' Board	v
List of Abbreviations	vii
Section 1: Organisational Profile	2
Section 2: Research	5
Section 3: Consultancy	16
Section 4: Innovation, Patent and Commercialisation	32
Section 5: Publications	54
Section 6: Industry and Community Linkages	68
Section 7: Alumni	79
Section 8: MASMED	90
Section 9: Awards & Achievements	95

AUTHOR BOARD

PATRON

Assoc. Prof. Dr. Saunah Zainon

ADVISOR

Dr. Faridah Najuna Misman

CHIEF AUTHOR

Diana' Mazan

DEPUTY CHIEF AUTHOR

Dr. Maizura Md Isa@Kamarudin

CONTENT AUTHOR

Dr. Faridah Najuna Misman

Mazida Ismail

Dr. Nurkhairany Amyra Mokhtar

Dr. Siti Nuur-Ila Mat Kamal

Dr. Muhammad Majid

Diana' Mazan

Rusnani Mohamad Khalid

Dr. Maizura Md Isa@Kamarudin

Dr. Noreen Noor Abd Aziz

Dr. Mohd Fairuz Bachok

Dr. Kamariah Md Isa

Ts. Dr. Mohamad Farid Misnan

Dr. Abdul Hadi Abdol Rahim @ Ibrahim

Ts. Mohammad Abdullah

Ts. Zahari Abu Bakar

Dr. Norbaiti Tukiman

Dr. Saiful Najmee Mohammad

Puteri Nur Hidayah Kamaludin

Norshahnadz Mohamed Ghulam

LANGUAGE

Puteri Nur Hidayah Kamaludin

Sofwah Md Nawi

Suhaili Mohd Yusof

Zuraidah Sumery

Haniza Sarijari

Nur Syairah Rahim
Nur Fadzilah Muhamad Zamani

SECRETARIAT

Norshahnadz Mohamed Ghulam
Nur Atiqah Abd. Hamid
Norahizah Idrus

GRAPHIC & TECHNICAL

Nurul Amin Norudin

LIST OF ABBREVIATIONS

Bestari Research Grant	GBEST
Digitalised International Invention, Innovation and Design	DIIID
Fundamental Research Grants Scheme	FRGS
Industry, Community and Alumni Network	ICAN
Internet of Things	IoT
Malaysia Research Assessment	MyRA
Malaysian Academy of SME & Entrepreneurship Development	MASMED
Research, Industrial Linkages and Alumni	PJI&A
Research Management Unit	RMU
Universiti Teknologi MARA	UiTM
Universiti Teknologi MARA Cawangan Johor	UiTMCJ

2022

Annual Report of Research, Industrial Linkages & Alumni Division

1. ORGANISATIONAL PROFILE



SECTION 1 ORGANISATIONAL PROFILE

1.0 INTRODUCTION

The Research, Industrial Linkages and Alumni (PJI&A) Division of Universiti Teknologi MARA Cawangan Johor (UiTM CJ) operates according to the vision, mission, objectives, and policies set by Universiti Teknologi MARA (UiTM)

1.1 ORGANISATIONAL BACKGROUND

PJI&A governance is chaired by the PJI&A Deputy Rector, Dr. Faridah Najuna Misman who is assisted by a team of PJI&A Coordinators appointed for the year of 2022 as shown in Table 1.1

Table 1.1 List of UiTM CJ PJI&A Coordinators

Research Management Unit (RMU) - Segamat Campus

Research	Mazida Ismail
Innovation	Dr. Nurkhairany Amyra Mokhtar
Consultancy	Dr. Maizura Md Isa@Kamarudin
Publication	Dr. Siti Nur Ila Mat Kamal

Industry, Community, Alumni and Entrepreneurship Network (ICAN) - Segamat Campus

Industry and Community Linkages	Dr. Muhammad Majid
Alumni	Diana' Mazan
MASMED	Rusnani Mohd Khalid
SIG	Dr. Noreen Noor Abd Aziz

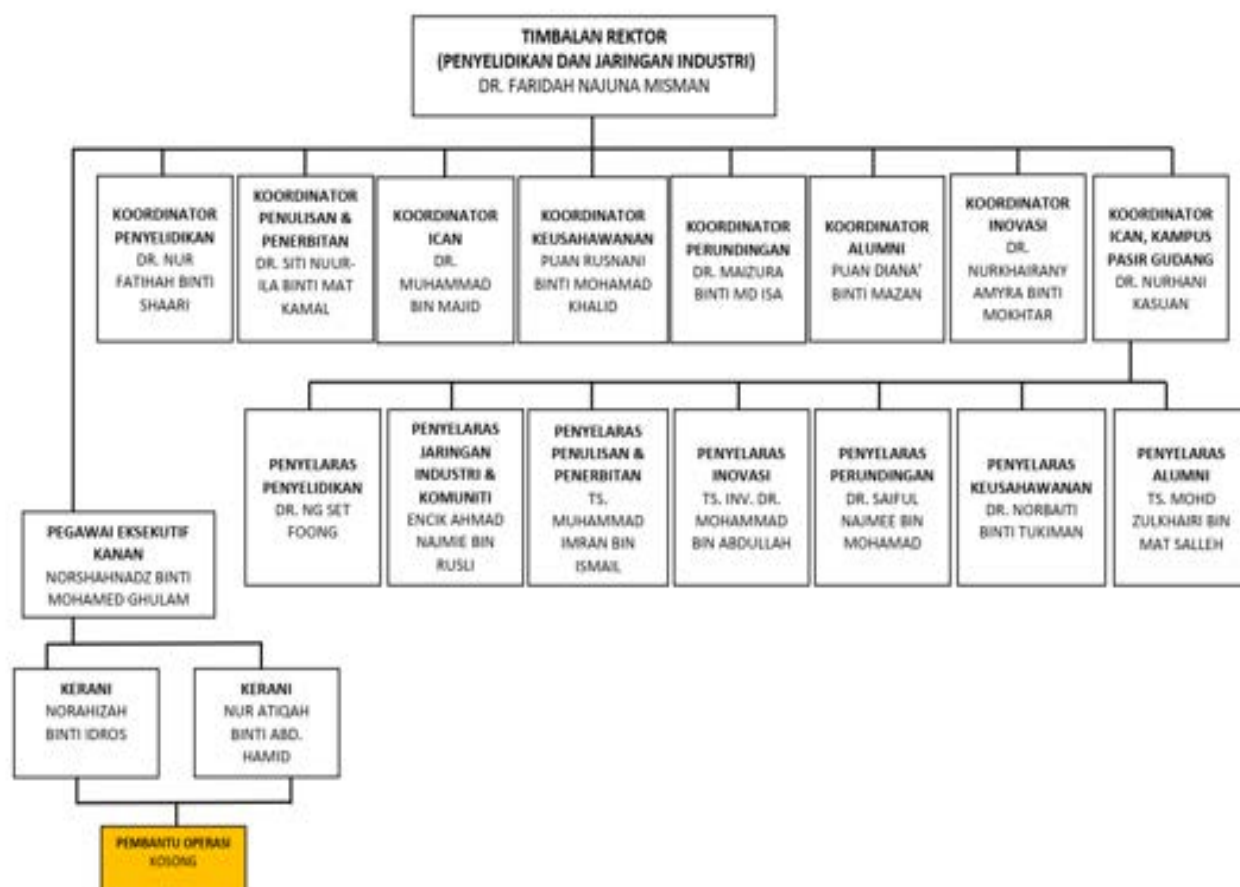
Research Management Unit (RMU) - Pasir Gudang Campus

Research, Publication, Industry and Community Linkages, MASMED and ALumni	Dr. Mohd Fairuz Bachok
Research	Dr. Kamariah Md Isa
Innovation	Ts. Dr. Mohammad Abdullah
Consultancy	Dr. Saiful Najmee Mohamad
Publication	Dr. Abdul Hadi Abdol Rahim@Ibrahim
Industry and Community Linkages	Ts. Dr. Mohamad Farid Misnan

Alumni	Ts. Zahari Abu Bakar
MASMED	Dr. Norbaiti Tukiman

The management of PJI&A UiTM CJ is also assisted by three (3) support personnel consisting of one (1) Executive Officer, Norshanaz Mohamed Ghulam and one (2) Administrative Assistant, Nur Atiqah Abd Hamid and Norahiza Idros as shown in Figure 1.1.

Figure 1.1 Organisational Chart of PJI&A UiTM CJ



2022

Annual Report of Research, Industrial Linkages & Alumni Division

2. RESEARCH

SECTION 2 RESEARCH

2.0 INTRODUCTION

Research is part of the continuous development of professionals. Most public universities have some form of internal research funding for the benefit of their own researchers. Similarly, UiTM CJ has also offered some internal grants to researchers, with the objective to provide early research exposure prior to publication. In addition, national and external research fundings are also available from various sources. These include government agencies, non-profit organizations, and corporations. Research supported by funding can lead to important outcomes, including increased research opportunities, capacity, and culture. It can also produce research outputs and the results can be contributed back to society. This section enlists all the grants received by UiTM CJ researchers throughout the year 2022.

2.1 GRANTS

There are twenty six (26) research projects funded by Internal Grants such as GBEST Phase1/2022, MYRA Research Grant (GPM) and *Geran Insentif Penyelidikan* (GIP) while ten (10) research projects funded by National and External grants from various sources. UiTM Johor successfully secured one (1) International grant this year. The collected amount from various grants is RM762,347.00 as presented in Table 2.4.1.

2.1.1 INTERNAL GRANTS

A) BESTARI RESEARCH GRANT (GBEST) PHASE 1/2022

Table 2.1.1 List of GBEST Phase 1/2022 for Segamat Campus

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Dia Widyawati Binti Amat	i. Siti Zari Kh Sofiah Abu Bakar ii. Siti Mariam Mohammad Iliyas iii. Zuraidah Sumery	Challenges vs Opportunities in Teaching and Learning Critical Academic Reading among Part Time ESL Adult Learnings	15 Mac 2022 - 14 September 2024	5,000.00
2	Isma Bin Ishak	i. Ahmad Fuzi Md Ajis ii. Qamarul Nazrin Harun	Critical Success Factor on the Dark Data Management among Malaysia's Small Medium Enterprise	15 Mac 2022 - 14 September 2024	5,000.00

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
3	Tay Bee Hoong	i. Tan Yan Ling (Dr) ii. Norhasniza Mohd Hasan Abdullah iii. Suzana binti Hassan	Stock Return-Inflation Nexus Impact of COVID-19 Pandemic	15 Mac 2022 - 14 September 2024	5,000.00
4	Muhammad Bin Majid	i. Dr. Mohamad Faizal Ramli ii. Dr. Ahmad Syahmi Ahmad Fadzil	To Recycle or Not To Recycle? Recycling Behaviour of Residents in Selected High-Density and Semi Density Areas in Johor	15 Mac 2022 - 14 September 2024	5,000.00
5	Ahmad Syahmi Bin Ahmad Fadzil	i. Syamsyul Samsudin ii. Nik Nur Shafika Mustafa iii. Rohanizan Md Lazan iv. Nurul Haida Johan	Investigating The Effect of ePWOM on Trading among University Students in BURSAMKTPLC Simulation: : The Three Theories Adaptation	15 Mac 2022 - 14 September 2024	5,000.00
6	Raja Adzrin Binti Raja Ahmad	i. Nurul Azlin Azmi (Dr) ii. Mas Ervina Samsuddin (Dr) iii. Norhidayah Abdullah	Corporate Social Responsibility Disclosure and Firms Value in the Pre and during COVID-19 Pandemic	15 Mac 2022 - 14 September 2024	5,000.00
7	Nurulzulaiha Binti Sa'udah @ Suhadak	i. Prof. Madya Dr. Zamali Hj. Tarmudi ii. Nur Syahidah Nordin iii. Masyfu'ah Mokhtar	Z-Number Valuation Using Fuzzy Delphi Method for COVID-19 Vaccine Selection Decision	15 Mac 2022 - 14 Mac 2024	20,000.00
8	Syazwani Binti Abd Rahim	i. Dr. Syaimak Ismail @ Mat Yusoff ii. Dr. Nurul Badriyah Ali iii. Siti Noor Ain Aziz iv. Nurfarhana Mohd Daud	Managing Unorganized Information for Unsynchronized Learning in UiTM Segamat Johor Reflection Analysis to Easy Access Center CTU552	15 Mac 2022 - 14 September 2024	5,000.00
TOTAL					55,000.00

Table 2.1.2 List of GBEST Phase 1/2022 for Pasir Gudang Campus

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Siti Aminah Nordin	i. Ts. Dr. Zakiah Mohd Yusoff ii. Nur Dalila Khirul Ashar iii. Dr. Nurul Nadia Mohammad iv. Ts. Shakira Azeehan Azli v. Dr Muhammad Asraf Hairuddin	High Frequencies Tunable Wide Bandwidth Ring Resonator Filter Based Coupled-Line for Wireless Applications.	15 Mac 2022 - 14 Mac 2024	20,000.00
2	Nor Fadilah Mohamad	i. Noor Hidayu Abdul Rani ii. Noorhaliza Aziz iii. Nurul Hazwani Sabri iv. Dr Wan Nur Fazlina Abdol Jani	Optimization of Modified Activated Carbon Palm Kernel Shell (AC-PKS) with Tetra Ethylamine (TEPA) and Imidazole (IMA) for Carbon Dioxide (CO ₂) Capture using Response Surface Methodology Approach	15 Mac 2022 - 14 Mac 2024	20,000.00
3	Nursyuhada Zakaria	i. Noor Hanim Rahmat ii. Maisarah Noorezam iii. Nursuhaila Ibrahim iv. Nadzrah Sa'adan	Beliefs and Motivation in Online Collaborative Writing	15 Mac 2022 – 14 September 2023	5,000.00
	TOTAL				45,000.00

B) MYRA RESEARCH GRANT (GPM)

Table 2.1.4 List of GPM Grants for Pasir Gudang Campus

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Shakira Azeehan Binti Azli	i. Zakiah Binti Mohd Yusoff (Dr.) ii. Nurlaila Binti Ismail (Ir. Ts. Dr) iii. Siti Aminah Binti Nordin iv. Arni Munira Binti Markom (Dr.)	Formulation of Intelligent Stepwise Regression, Knearest Neighbor (K-NN) And Artificial Neural Network (ANN) Model using Levenberg Marquardt for Agarwood Oil Quality Grading	1 July 2022 - 30 June 2024	20,000.00

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
2	Norlee Husnafeza Binti Ahmad	i. Arni Munira Binti Markom (Dr.) ii. Fadila Binti Mohd Atan iii. Zakiah Binti Mohd Yusoff (Dr.)	A Design of an Interactive Learning Modules using MATLAB GUI and Quiz Tools Applications in Electrical Engineering Course	1 July 2022 - 30 June 2024	20,000.00
3	Rijalul Fahmi Bin Mustapa (Dr.)	i. Atiqah Hamizah Binti Mohd Nordin ii. Muhammad Asraf Bin Hairuddin iii. Wan Suhaifiza Binti W Ibrahim iv. Siti Aliyah Binti Mohd Saleh	Energy Consumption Prediction in Educational Building during Lecture Week and Non-Lecture Week using a Long Short Term Memory Baseline Energy Model	1 July 2022 - 30 June 2024	20,000.00
	TOTAL				60,000.00

C) GERAN INSENTIF PENYELIAAN (GIP)

Table 2.1.5 List of GIP Grants received by Segamat Campus

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Assoc. Prof. Dr. Akmal Aini Binti Othman	NA	The Effect of Food Safety Indicators (FSI), Perceived Risk and Perceived Value on Consumers Purchase Intention, and the Moderating Role of Household Income and Food Safety Knowledge on FSI and Perceived Risk in the Food Supply Chain	1 July 2022 – 30 June 2023	21,600.00
	TOTAL				21,600.00

Table 2.1.6 List of GIP Grants received by Pasir Gudang Campus

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Dr. Arni Munira Binti Markom	NA	Tapered Fiber Sensor for Environmental Water Quality Monitoring.	1 July 2022 – 30 June 2023	18,000.00
2	Assoc. Prof. Dr. Aminabibi Binti Satanihpy @ Saidalvi	NA	Somatic, Cognitive And Avoidance Behaviour Anxiety Among Diploma Engineering Students.	1 July 2022 – 30 June 2023	21,600.00
	TOTAL				39,600.00

2.1.2 EXTERNAL GRANTS

A) DANA PENYELIDIKAN KERAJAAN NEGERI JOHOR

Table 2.1.7 List of external grants for Pasir Gudang Campus

PASIR GUDANG CAMPUS					
NO	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Aminabibi Binti Satanihpy @ Saidalvi (Profesor Madya Dr)	i. Suzainah Binti Rahmat ii. Nadzrah Binti Sa'adan iii. Nur Aina Nasiha Binti Zainuddin iv. Mahfuzah Binti Mohammed Zabidi v. Muhammad Syafiq Bin Mohd Nor	Kajian Keciciran Pelajar Sekolah Rendah Seluruh Daerah Negeri Johor 2021	1 Januari 2022 – 30 Jun 2022	3,000.00
	TOTAL				3,000.00

B) NEXSOL MALAYSIA SDN BHD

Table 2.1.8 List of external grants for Pasir Gudang Campus

PASIR GUDANG CAMPUS					
NO	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Mohammad Bin Abdullah (Ts. Dr)	i. Ahmad Khudzairi Bin Khalid ii. Juliana Binti Martin iii. Nurul Hazwani Binti Hanib iv. Ab Aziz Bin Mohd Yusof (Dr.) v. Mohd Zulkhairi Bin Mat Salleh	Biodiesel Contaminant Capture using Integrated Mobile Adsorbent (Ceiba Pentandra-Kapok) at Sungai Daeng: A Case Study	1 January 2022 – 31 December 2022	10,000.00
	TOTAL				10,000.00

C) BIOVET INTERNATIONAL SDN BHD

Table 2.1.9 List of external grants for Pasir Gudang Campus

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Ahmad Khudzairi Bin Khalid	i. Mohamad Faizal Bin Ab Jabal (Dr.) ii. Nurhazirah Binti Mohamad Yunus iii. Zul Afiq Zazeli iv. Syahmina Supaat v. Siti Nurulhawa Mohd Dahiran	Biovet RFID Sheep Detection and Information System	1 June 2022 – 31 January 2023	58,147.00
	TOTAL				58,147.00

D) STRATEGIC RESEARCH PARTNERSHIP (SRP)

Table 2.1.10 List of external grants for Pasir Gudang Campus

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Mohd Noor Halmy Bin Ab Latif	i. Muhammad Amir Bin Mat Shah ii. Mohamad Farid Bin Misnan (Dr.) iii. Siti Khadijah Binti Alias (Dr.) i. Saunah Binti Zainon (Profesor Madya Dr)	Automated Product Wrapping Machine for Jalen Sdn. Bhd	1 November 2022 – 31 October 2024	25,000.00
2	Muhammad Amir Bin Mat Shah	ii. Mohd Noor Halmy Bin Ab Latif iii. Mohamad Farid Bin Misnan (Dr.) iv. Siti Khadijah Binti Alias (Dr.) v. Saunah Binti Zainon (Profesor Madya Dr)	Automated Ingredient Dispenser and Mixer Machine for Jalen Sdn Bhd Products	1 November 2022 – 31 October 2024	25,000.00
	TOTAL				50,000.00

2.1.3 NATIONAL GRANTS

A) FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS) PHASE 1/2022

Table 2.1.11 List of FRGS Phase 1/2022 for Segamat Campus

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Ahmad Syahmi Bin Ahmad Fadzil	i. Ramayah Thurasamy ii. Sharidatul Akma Binti Abu Seman (Dr.) iii. Gouri A/P Appasamy iv. Nor Azairiah Fatimah Binti Othman (Dr.)	Modelling Digital Workers' Bidding Decision In Crowdsourcing Platform	1 September 2022 - 31 August 2024	63,000.00
2	Dr. Nor Azairiah Fatimah Binti Othman	i. Veera Pandiyan A/L Kaliani Sundram (Professor Ts. Dr.) ii. Zarina Bt Abdul Munir iii. Syaidatul Zarina Binti Mat Din iv. Murni Zarina Bt Mohamed Razali	Modelling Workplace Ostracism During Pandemic Towards Achieving Sustainable Human Resources	1 September 2022 - 31 August 2024	77,000.00
3	Norashikin Bt Ismail	i. Veera Pandiyan A/L Kaliani Sundram (Professor Ts. Dr.) ii. Zanariah Binti Abdul Rahman iii. Dr. Nor Azairiah Fatimah Binti Othman	Modelling Backers' Contribution Decision to Crowdfunding	1 September 2022 - 31 August 2024	76,600.00
4	Raja Adzrin Binti Raja Ahmad	i. Nurul Azlin Binti Azmi (Dr.) ii. Nurul Huda Binti Md Yatim (Dr.) iii. Syamsyul Bin Samsudin	Modelling of Integrated Domestic Water Resource Management (IDWRM) In Enhancing Social and Economic Well-Being	1 September 2022 - 31 August 2024	65,800.00
	TOTAL				282,400.00

Table 2.1.12 List of FRGS Phase 1/2022 for Pasir Gudang Campus

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Dr. Atiqah Hamizah Binti Mohd Nordin	i. Zulkifli Bin Othman (Dr.) ii. Shahril Irwan Bin Sulaiman (Profesor Madya Ir.Ts.Dr) iii. Sulaiman Bin Shaari (Profesor Dr) iv. Rijalul Fahmi Bin Mustapa (Dr.)	A Study On Impact of PVModules End-Of-Life and Policy Planning for Malaysia with Integration of Life Cycle Approach	1 September 2022 - 31 August 2024	118,000.00
	TOTAL				118,000.00

2.1.4 INTERNATIONAL GRANTS

A) STRATEGIC RESEARCH PARTNERSHIP (SRP)

Table 2.1.13 List of international grants for Segamat Campus

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Dr Rahmawati Binti Mohd Yusoff	i.Azhani Binti Arshad (Dr) ii.Alizah Binti Ali	Modelling the Legal Framework or Introduction of Wasiyyah Wajibah in Malaysia: A Cross Reference of Legal Practices in Indonesia	1 Disember 2022 – 30 November 2024	20,000.00
	TOTAL				20,000.00

2.4 TOTAL GRANTS

Table 2.4.1 Summary of Grants for UiTMCI in 2022

No.	Grants	Number of Grants		Amount
		Segamat	Pasir Gudang	(RM)
1	GBEST Phase 1/2022	8	3	100,000.00
2	MYRA Research Grant (GPM)	0	3	60,000.00
3	Geran Insentif Penyelidikan (GIP)	1	2	61,200.00
4	Dana Penyelidikan Kerajaan Negeri Johor	0	1	3,000.00
5	NEXSOL Malaysia Sdn Bhd	0	1	10,000.00
6	BIOVET International Sdn Bhd	0	1	58,147.00
7	Strategic Research Partnership (SRP) -Industry	0	2	50,000.00
8	FRGS Phase 1/2022	4	1	400,400.00
9	Strategic Research Partnership (SRP) -International	1	0	20,000.00
	TOTAL	14	14	762,347.00

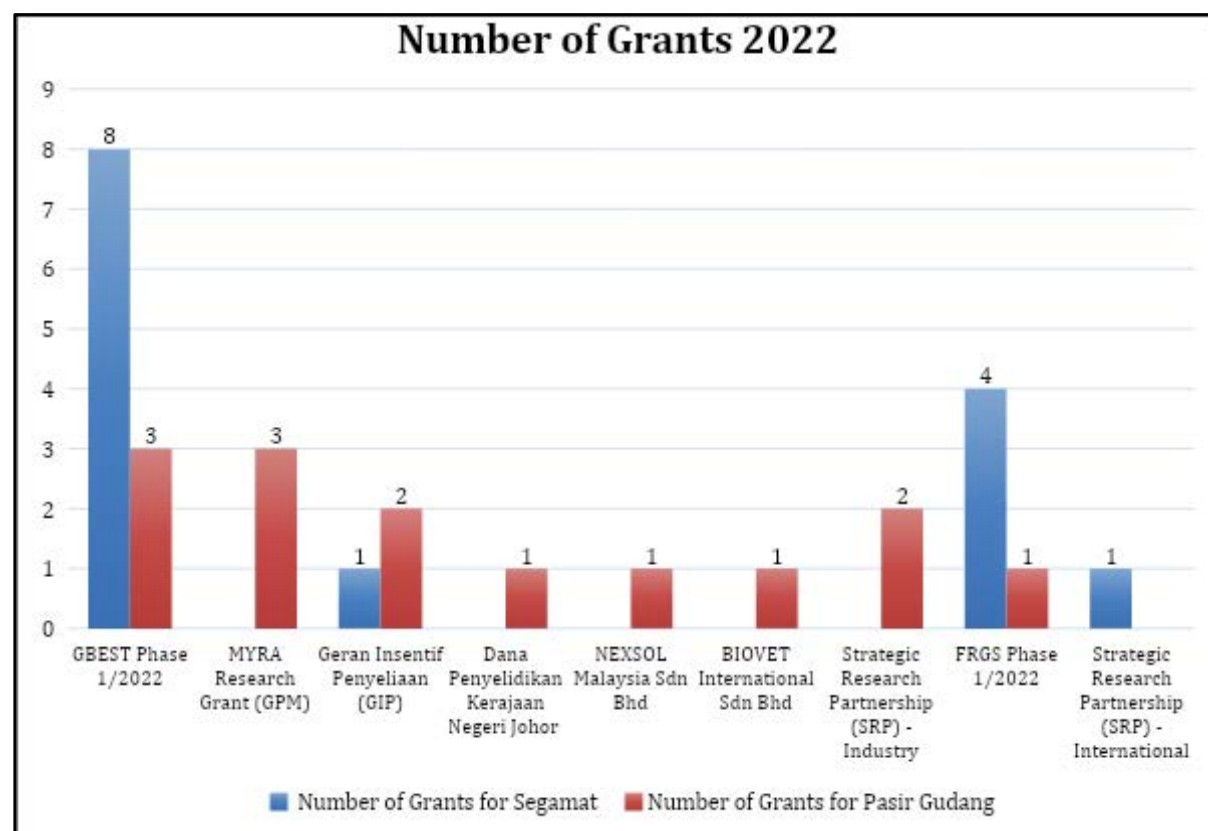


Figure 2.4.1 Number of Grants for UiTMCI in 2022

2022

Annual Report of Research, Industrial Linkages & Alumni Division

3. CONSULTANCY



SECTION 3 CONSULTANCY

3.0 INTRODUCTION

Consultancy is one of the platforms for UiTMCI staff to extend their expertise, knowledge and skills to the communities. It is also an important aspect for UiTM to cultivate their staff with ethics of caring and professionalism.

3.1 CONSULTANCY PROJECTS

A total of 120 consultancy projects are registered at UiTMCI. Segamat Campus has secured 63 projects as head of the project while Pasir Gudang Campus has secured 57 projects, as listed in Table 3.1.1 and 3.1.2.

Table 3.1.1 List of Consultancy projects for Segamat Campus

SEGAMAT CAMPUS				
NO	HEAD OF CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
1	Oswald @ Timothy Edward	Faculty of Business and Management	SDG Research & Solution Officer For South Region	48,000.00
2	Oswald @ Timothy Edward	Faculty of Business and Management	Entrepreneurship in Action	40,000.00
3	Isma Bin Ishak	Faculty of Information Management	Projek Perundingan Mersing Tourism Operating System	18,000.00
4	Nik Nur Shafika Binti Mustafa	Faculty of Business and Management	Kursus dan Latihan Saham	6,500.00
5	Syamsyul Samsudin	Faculty of Business and Management	Program Komuniti Bijak Pelaburan	4,180.00
6	Norashikin Ismail	Faculty of Business and Management	Academic Advisor for MiCoST	3,000.00
7	Khairunnisa Binti Rahman	Faculty of Business and Management	Kursus Peningkatan Kemahiran Pengurusan Sumber Manusia untuk Tenaga Pengajar Kolej Vokasional	2,400.00
8	Che Faridah Binti Che Mahmood	Faculty of Business and Management	Kursus Pengurusan Dokumentasi	2,000.00
9	Maizura Binti Md Isa @ Kamarudin	Faculty of Business and Management	Bengkel Latihan Pemantapan dan Pengukuhan Matematik Pengguna Tingkatan 3 dan 5 untuk Silibus KSSM	1,500.00

SEGAMAT CAMPUS				
NO	HEAD OF CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
10	Syaimak Binti Ismail @ Mat Yusoff	Academy of Contemporary Islamic Studies	Program Dokumentari Islam: Merentas Samudera ke Nusantara	1,000.00
11	Mohamad Zaki Bin Razaly	Academy of Contemporary Islamic Studies	Panel Kuliah Pengajian Madrasah Ibnu Mas'ud	1,000.00
12	Nik Nur Shafika Binti Mustafa	Faculty of Business and Management	Kursus dan Latihan Saham oleh Universiti Teknologi Mara	800.00
13	Noriah Ismail	Academy Of Language Studies	Pemeriksa Tesis PhD UPSI 2022	750.00
14	Rahmawati Binti Mohd Yusoff	Department of Law	Focus Group Discussion	585.00
15	Muhammad Bin Majid	Faculty of Business and Management	External Examiner	500.00
16	Saunah Binti Zainon (Dr)	Faculty of Accountancy	Guest Speaker	500.00
17	Jannah Munirah Binti Mohd Noor	Faculty of Business and Management	Penasihat Pemasaran bagi Syarikat <i>Start Up</i> bawah Universiti Teknologi Mara	500.00
18	Syamsyul Samsudin	Faculty of Business and Management	Penyelidik bagi Penyelidikan Localization of Sustainable Development Goals	500.00
19	Noreen Noor Abd Aziz	Faculty of Business and Management	Penceramah Lembaga Lada Malaysia	300.00
20	Musmailina Binti Mustafa Kamal	Faculty of Accountancy	Kursus Strategi Pengurusan Kewangan dan Pentadbiran Perniagaan	300.00
21	Ts. Ahmad Kamalrulzaman Bin Othman	Faculty of Computer And Mathematical Sciences	Perunding Kepakaran - Penilaian Akreditasi Penuh TTAC-MBOT (Majlis Akreditasi Teknologi dan Teknikal) : Program Diploma Teknologi Sistem Pangkalan Data Dan Aplikasi Web, Kolej Vokasional Kuala Selangor.	250.00
22	Rahmawati Binti Mohd Yusoff	Department of Law	New Media Language Talk 2022	200.00
23	Raja Adzrin Binti Raja Ahmad	Faculty of Accountancy	Fasilitator Subjek Tanggungjawab Sosial dan Tadbir Urus Korporat	200.00
24	Syamsyul Samsudin	Faculty of Business and Management	Panel Temubual Analisis Pembentangan Bajet 2023	200.00

SEGAMAT CAMPUS				
NO	HEAD OF CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
25	Siti Afiqah Binti Mohammad	Faculty of Computer And Mathematical Sciences	Editor (Latex) bagi Projek Penyelidikan Fundamental Research Grant-A Framework for Countering Measurement of Cyberbullying using Grounded Theory Method: A Malaysian	182.00
26	Rahmawati Binti Mohd Yusoff	Department of Law	Shariah Research Skills Workshop 2.0	150.00
27	Noreen Noor Abd Aziz	Faculty of Business and Management	Penceramah Bengkel Sukarelawan ICT Malaysia	150.00
28	Tay Bee Hoong	Faculty of Business and Management	Speaker for International Webinar : Strive Towards Self Enhancement	150.00
29	Nurulzulaiha Binti Sa'udah @ Suhadak	Faculty of Computer And Mathematical Sciences	Tenaga Pengajar Program Kelas Akademik PKAYIS	100.00
30	Nurulzulaiha Binti Sa'udah @ Suhadak	Faculty of Computer And Mathematical Sciences	Panel Temuduga Bantuan Zakat Pelajar UiTM	100.00
31	Syaimak Binti Ismail @ Mat Yusoff	Academy of Contemporary Islamic Studies	Hijrah Emas	100.00
32	Yusnita Binti Sokman	Faculty of Computer And Mathematical Sciences	Panel Temuduga Bantuan Zakat Pelajar UiTM Cawangan Johor Kampus Segamat	100.00
33	Wan Nor Hafidzah Binti Wan Mohd	Faculty of Computer And Mathematical Sciences	Penceramah Program Outreach Community: The Future is in You	100.00
34	Nurulzulaiha Binti Sa'udah @ Suhadak	Faculty of Computer And Mathematical Sciences	Panel Temuduga Bantuan Zakat Pelajar Uitm Cawangan Johor Kampus Segamat	100.00
35	Nurulzulaiha Binti Sa'udah @ Suhadak	Faculty of Computer And Mathematical Sciences	Juruaudit Audit dalam Unit Pengurusan Kualiti	100.00
36	Wan Nor Hafidzah Binti Wan Mohd	Faculty of Computer And Mathematical Sciences	Panel Program 'Shaping Minds, Build Careers'	100.00

SEGAMAT CAMPUS				
NO	HEAD OF CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
37	Rusnani Binti Mohamad Khalid	Faculty of Computer And Mathematical Sciences	Panel Temuduga Bantuan Zakat Pelajar UiTM Cawangan Johor Kampus Segamat	100.00
38	Raja Adzrin Binti Raja Ahmad	Faculty of Accountancy	Visiting Lecturer for Ethics and Corporate Governance	100.00
39	Raja Adzrin Binti Raja Ahmad	Faculty of Accountancy	Corporate Social Responsibility: Doing Well By Doing Good	100.00
40	Raja Adzrin Binti Raja Ahmad	Faculty of Accountancy	Public Lecture Future Accounting Profession Opportunities in the Creative Economy And Industry	100.00
41	Raja Adzrin Binti Raja Ahmad	Faculty of Accountancy	Guest Lecture Speaker at Airlangga University	100.00
42	Noreen Noor Abd Aziz	Faculty of Business and Management	Poster Judge	100.00
43	Siti Noor Ain Binti Aziz	Academy of Contemporary Islamic Studies	Panel Temuduga Bantuan Zakat Pelajar Universiti Teknologi Mara Cawangan Johor Kampus Segamat	100.00
44	Rashidah Mokhtar	Faculty of Computer And Mathematical Sciences	Juri Virtual International E-Content Development Competition (E-ConDev) 2022	100.00
45	Syamsyul Samsudin	Faculty of Business and Management	Panel Tembual Badi Dokumentari KWSP	100.00
46	Syamsyul Samsudin	Faculty of Business and Management	Penceramah Program Strategi dan Tips Penulisan Akhbar	100.00
47	Syamsyul Samsudin	Faculty of Business and Management	Penceramah Webinar From Research to Innovation	100.00
48	Syamsyul Samsudin	Faculty of Business and Management	Penceramah Webinar How To Build Networking: Tips for it to Happen	100.00
49	Nurfarhana Bte Mohd Daud	Academy of Contemporary Islamic Studies	Panel Temuduga Bantuan Zakat Pelajar UiTM Cawangan Johor Kampus Segamat Semester Mac 2022	100.00
50	Nurfarhana Bte Mohd Daud	Academy of Contemporary Islamic Studies	Ujian Saringan Asas Pembangunan Insan	100.00

SEGAMAT CAMPUS				
NO	HEAD OF CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
51	Nurfarhana Bte Mohd Daud	Academy of Contemporary Islamic Studies	Panel Temuduga Bantuan Zakat Pelajar UiTM Cawangan Johor Kampus Segamat Semester Oktober 2022	100.00
52	Syazwani Binti Abd Rahim	Academy of Contemporary Islamic Studies	Panel Temuduga Bantuan Zakat Pelajar UiTM Johor	100.00
53	Rahmawati Binti Mohd Yusoff	Department of Law	Webinar Undnag-Undang Perniagaan Atas Talian (Online): Apa Yang Anda Perlu Tahu?	50.00
54	Wan Nor Hafidzah Binti Wan Mohd	Faculty of Computer And Mathematical Sciences	Tenaga Pengajar Program Kelas Tambahan Akademik PKAYIS	50.00
55	Nurulzulaiha Binti Sa'udah @ Suhadak	Faculty of Computer And Mathematical Sciences	Tenaga Pengajar Program Kelas Tambahan Akademik PKAYIS	50.00
56	Nurul Badriyah Binti Ali	Academy of Contemporary Islamic Studies	Narasumber Kuliah Dosen	50.00
57	Nurul Badriyah Binti Ali	Academy of Contemporary Islamic Studies	Penceramah Webinar Politeknik Ungku Omar	50.00
58	Nurul Badriyah Binti Ali	Academy of Contemporary Islamic Studies	Panel Temuduga Zakat Pelajar Uitm Cawangan Johor	50.00
59	Wan Nor Hafidzah Binti Wan Mohd	Faculty of Computer And Mathematical Sciences	Tenaga Pengajar Program Kelas Tambahan Akademik PKAYIS	50.00
60	Siti Afiqah Binti Mohammad	Faculty of Computer And Mathematical Sciences	Tenaga Pengajar Program Kelas Tambahan Akademik PKAYIS	50.00
61	Siti Afiqah Binti Mohammad	Faculty of Computer And Mathematical Sciences	Tenaga Pengajar Program Kelas Tambahan Akademik PKAYIS	50.00
62	Syed Khusairi Bin Tuan Azam	Faculty of Accountancy	Program Kelas Tambahan Akademik PKAYIS	50.00
63	Mahasin Binti Saja @ Mearaj	Academy of Contemporary Islamic Studies	Bicara Ilmu	50.00
TOTAL				136,747.00

Table 3.1.2 List of Consultancy projects for Pasir Gudang Campus

PASIR GUDANG CAMPUS				
NO	HEAD OF CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
1	Arni Munira Binti Markom	School of Electrical Engineering	Perunding Kepakaran Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	100,200.00
2	Arni Munira Binti Markom	School of Electrical Engineering	Perunding Kepakaran Program Professional Diploma in Electrical and Electronics Technology (PHASE 2)	94,820.00
3	Arni Munira Binti Markom	School of Electrical Engineering	Pembangun dan Pelaksana Business Services Training Program (Management dan ICT)	65,195.09
4	Arni Munira Binti Markom	School of Electrical Engineering	Projek Komuniti SDG Memperkasa Ilmu Digital dan Teknologi Robotik di Kalangan Anak-Anak B40	40,000.00
5	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Boiler Metallographic Replication Analysis	14,500.00
6	Zeno Michael	School of Mechanical Engineering	Pembangun Modul Professional Diploma in Electrical and Electronics Technology (PHASE 3)	2,800.00
7	Zeno Michael	School of Mechanical Engineering	Tenaga Pengajar Professional Diploma in Electrical and Electronics Technology (PHASE 3)	2,800.00
8	Muhammad Rajaei Dzulkifli	School of Electrical Engineering	Tenaga Pengajar bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	2,800.00
9	Azmi Roslan	School of Chemical Engineering	Tenaga Pengajar Program Professional Certificate/ Diploma in Electrical and Electronics Technology	2,800.00
10	Muhammad Rajaei Dzulkifli	School of Electrical Engineering	Pembangun Modul bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	2,800.00
11	Muhammad Asraf Bin Hairuddin (Dr.)	School of Electrical Engineering	Tenaga Pengajar Professional Diploma in Electrical and Electronics Technology (PHASE 3)	2,800.00
12	Siti Khadijah Alias	School of Mechanical Engineering	Analisa Mikrostruktur Besi dan Alloy	2,400.00
13	Rijalul Fahmi Bin Mustapa	School of Electrical Engineering	Pembangun Modul bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	2,379.74

PASIR GUDANG CAMPUS				
NO	HEAD OF CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
14	Muhammad Asraf Bin Hairuddin (Dr.)	School of Electrical Engineering	Pembangun Modul Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	2,379.74
15	Norhisyam Bin Jenal	School of Mechanical Engineering	Pembangun Modul bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	2,379.74
16	AB AZIZ BIN MOHD Yusof	School of Mechanical Engineering	Pembangun Modul bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	2,379.00
17	Norhisyam Bin Jenal	School of Mechanical Engineering	Tenaga Pengajar bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	2,369.74
18	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Metallographic Replication Analysis	1,800.00
19	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Pgb_Gpk_22009-Waste Heat Boiler (F2 761)	1,750.00
20	Atiqah Hamizah Binti Mohd Nordin	School of Electrical Engineering	Pembangun Modul bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	1,680.00
21	Noor Hasliza Binti Abdul Rahman	School of Electrical Engineering	Pembantu Pengajar bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	1,680.00
22	Nor Diyana Md Sin	School of Electrical Engineering	Pembantu Pengajar bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	1,680.00
23	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Pgb_Gps_22002 - Auxiliary Boiler (A6-1203a)	1,500.00
24	Mohamad Zhafran Bin Hussin (Dr.)	School of Electrical Engineering	Kursus Grid - Connected Photovoltaic (PV) Systems Design	1,500.00
25	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Pgb_Gps - Waste Heat Boiler (E6-1201b)	1,500.00
26	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Pgb_Gps - Waste Heat Boiler (E5-1201a)	1,500.00
27	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Pgb_Pcasb - Natural Gas Preheat (E3-1201)	1,500.00

PASIR GUDANG CAMPUS				
NO	HEAD OF CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
28	Radzi Bin Abdul Rasih	School of Mechanical Engineering	Pembantu Pengajar bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	1,427.84
29	Noor Hasliza Binti Abdul Rahman	School of Electrical Engineering	Pembangun Modul bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	1,400.00
30	Nor Diyana Md Sin	School of Electrical Engineering	Pembangun Modul bagi Program Professional Diploma in Electrical and Electronics Technology (PHASE 3)	1,400.00
31	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Replication Waste Heat Boiler	1,000.00
32	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Pgb_Gpk (Gpp4) - Feed Gas Dryer	1,000.00
33	Mohd Fairuz Bin Bachok	School of Civil Engineering	Augmented Reality Flood Warning Sign Phase 1	1,000.00
34	Siti Nurul'ain Binti Zaiton	Faculty of Applied Sciences	Pertandingan Inovasi STEM Melalui Penceritaan	1,000.00
35	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Lab Sampling Failure Analysis	800.00
36	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Heat Recovery Steam Boiler	750.00
37	Abdul Hadi Bin Abdol Rahim @ Ibrahim	School of Mechanical Engineering	Gas Fired Cracking Heater Convection Coil	750.00
38	Norbaiti Tukiman	Faculty of Computer and Mathematical Sciences	Analysis Data for Investigating the Market Selection Determinants of Chinese Foreign Direct Investment into ASEAN	650.00
39	Ng Set Foong	Faculty of Computer and Mathematical Sciences	Academic Consultant On Data Analysis	650.00
40	Arni Munira Binti Markom	School of Electrical Engineering	UiTM For Industry: Supervision Industrial Projects In Highly Marelli Sdn. Bhd.	500.00

PASIR GUDANG CAMPUS				
NO	HEAD OF CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
41	Azianti Binti Ismail (Dr.)	School of Mechanical Engineering	Lean Six Sigma Students Projects Presentation for Master in Quality Engineering and Management	500.00
42	Mohamad Zhafran Bin Hussin (Dr.)	School of Electrical Engineering	UiTM For Industry: Supervision Industrial Projects in Highly Marelli Sdn. Bhd	500.00
43	ZAKIAH BINTI MOHD Yusoff	School of Electrical Engineering	UiTM For Industry: Supervision Industrial Projects in Highly Marelli Sdn. Bhd.	500.00
44	Saiful Najmee Bin Mohamad	Faculty of Applied Sciences	Moderator Program Webinar Inovasi STEM Melalui Penceritaan	500.00
45	Ahmad Khudzairi Bin Khalid	Faculty of Computer and Mathematical Sciences	Perunding Program Latihan Modal Insan Negeri Johor Siri 3/2022	400.00
46	Arni Munira Binti Markom	School of Electrical Engineering	Penceramah Program Fiesta Digital IV-STEM 2021: Smart Tinkercad	300.00
47	Nur Idayu Binti Alimon	Faculty of Computer and Mathematical Sciences	Managing Thesis: UTM Thesis Template	300.00
48	Azianti Binti Ismail (Dr.)	School of Mechanical Engineering	Program Bengkel Pembangunan Rubrik Bagi Penilaian Berterusan PKE	200.00
49	Aminabibi Binti Satanihpy @ Saidalvi	Academy of Language Studies	Pengucapan Awam	100.00
50	DORIS ASMANI BINTI MAT Yusof	School of Civil Engineering	Auditor Audit Pg 1/2022	100.00
51	Norbaiti Tukiman	Faculty of Computer and Mathematical Sciences	Penceramah Taklimat STEM	100.00
52	Noor Raifana Binti Ab Rahim	School of Civil Engineering	Audit Dalam Pra Pengawasan Bil. 1/2022	100.00
53	Narita Binti Noh	School of Civil Engineering	Audit Dalam Pra Pengawasan Bil 2/20222	100.00
54	Noor Raifana Binti Ab Rahim	School of Civil Engineering	Audit Dalam Pra Pengawasan Bil. 2/2022	100.00

PASIR GUDANG CAMPUS				
NO	HEAD OF CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
55	Nursyuhada Binti Zakaria	Academy of Language Studies	Pemeriksa (ii) Skrip Jawapan Ujian Akhir	60.00
56	Ahmad Khudzairi Bin Khalid	Faculty of Computer and Mathematical Sciences	Penceramah Karnival Stem Dan Pameran Kerjaya	50.00
57	Nursyuhada Binti Zakaria	Academy of Language Studies	Pemeriksa (ii) Skrip Jawapan Ujian Akhir	36.00
TOTAL				378,166.89

3.2 DATA AND PROJECTIONS

The number of consultancy projects of UiTM CJ according to faculties in 2022 is shown in Figures 3.2.1 and 3.2.2. From Figure 3.2.1, it is seen that the Faculty of Business and Management acquired the highest number of projects compared to the other faculties and departments in Segamat Campus. The Faculty consultancy activity increased to more than 400% compared to the year 2021. In the year 2022, there are a total of seven faculties and departments combined that have been part of the contributor to the Segamat Campus consultancy activity in the year 2022 compared to only six in the year 2021. Most of the faculties and departments have shown a significant increase in their total numbers of projects secured as there are no more restrictions as Malaysia has gone to an endemic phase on the 1st of April 2022.

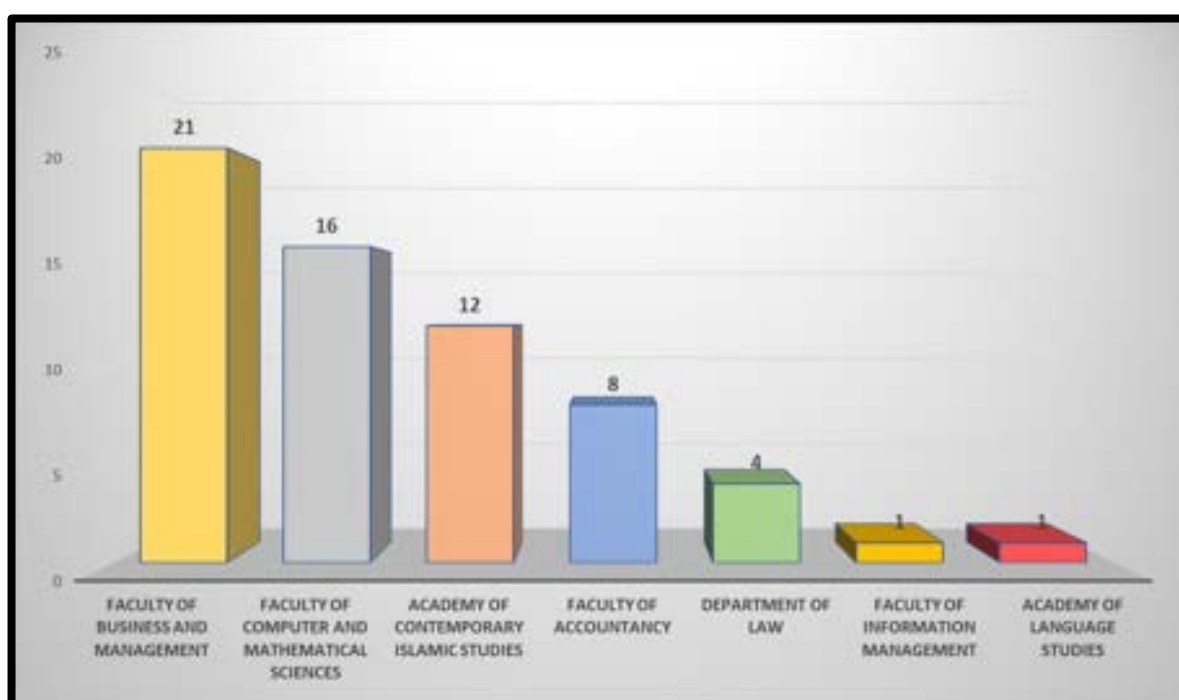


Figure: 3.2.1 Number of consultancy projects by faculty at Segamat Campus

The number of consultancy projects in Pasir Gudang Campus has been contributed by a total of seven Schools and Faculties combined as in Figure 3.2.2 for the year 2022. The School of Mechanical Engineering is the most actively involved with consultancy activity in the year 2022 followed by the School of Electrical Engineering which is only three projects behind. Both Schools have shown an abrupt increase in consultancy activity compared to the year 2021. Which accumulated to more than 70% of the total number of registered consultancy activity in Pasir Gudang Campus.

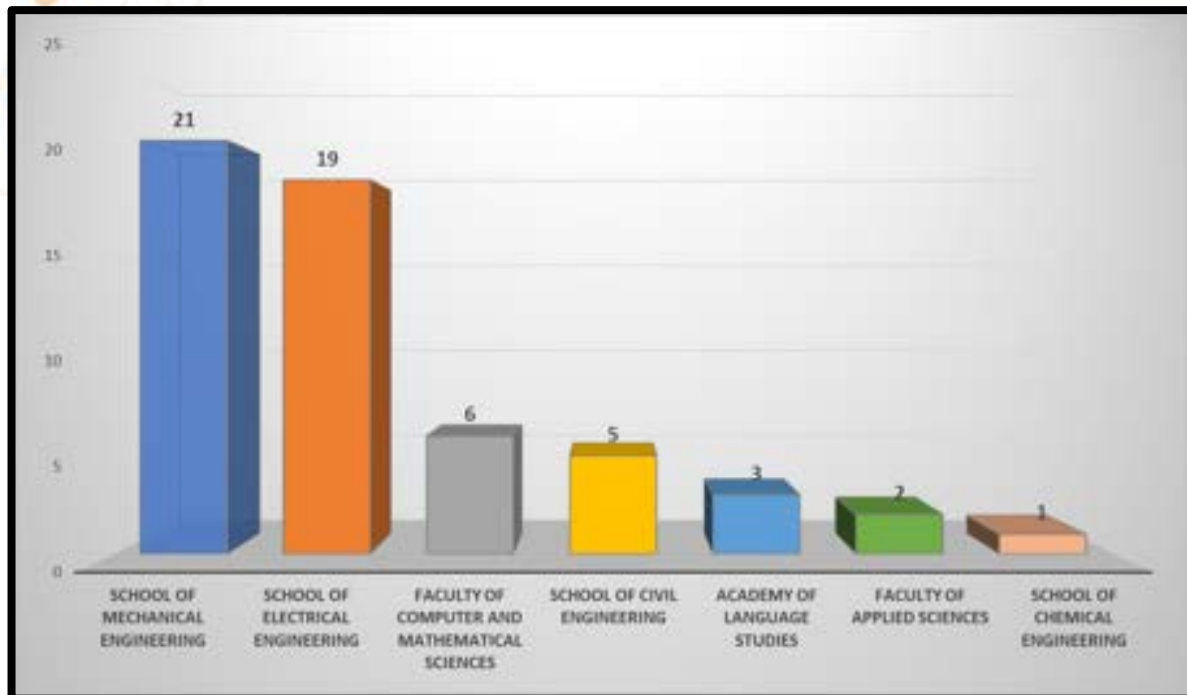


Figure:3.2.2 Number of consultancy projects by faculty at Pasir Gudang Campus

The projection of consultancy projects at UiTM CJ for both campuses are depicted in Figure 3.2.3 and 3.2.4. From Figure 3.2.3, the projection of consultancy projects secured by Segamat Campus showed a decreasing trend after 2019. This was likely to be expected as programmes that involve face-to-face activity could not be carried out due to MCO tight standard operating procedures. Following the relaxation of restrictions during the pandemic and Malaysia entering the endemic phase on 1st of April 2022. The total number of consultancy projects registered significantly increased in 2022 by one-fold.

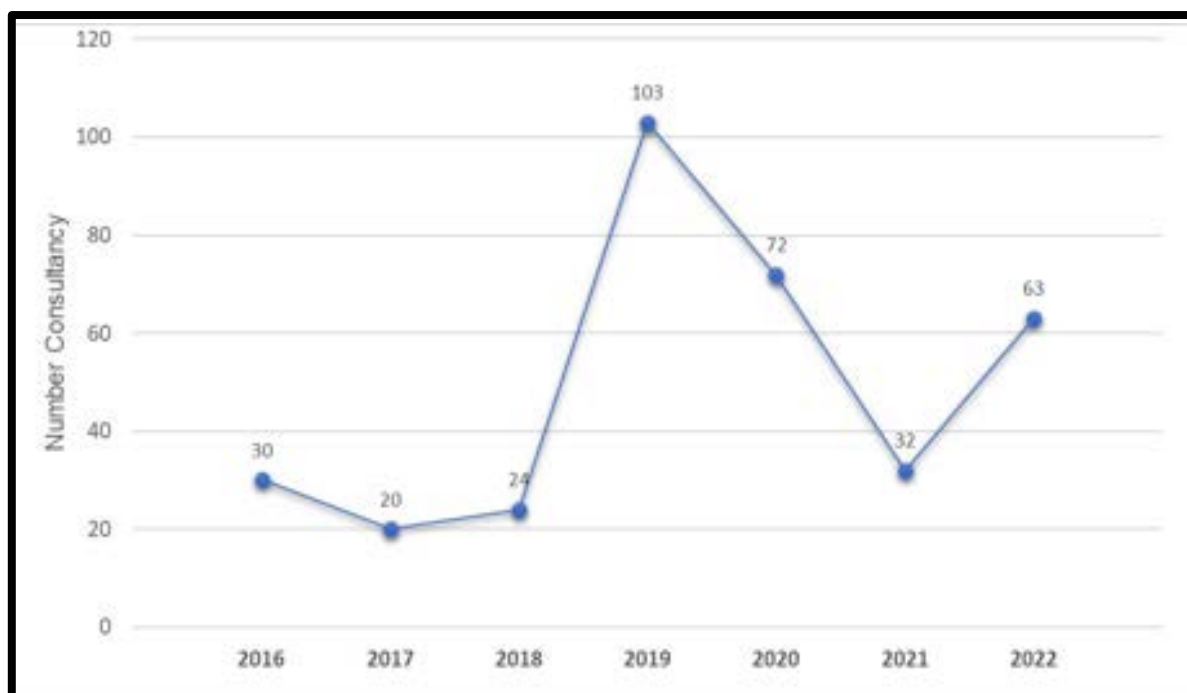


Figure 3.2.3 Number Of Consultancy Projects At Segamat Campus (2016 – 2022)

In Pasir Gudang Campus, the number of projects secured in 2022 has again shown another significant increase of 50% compared to the year 2021. Two-year consecutive increments in the total consultancy project in Pasir Gudang Campus have led to a complete rebound where the total consultation project registered had exceeded the highest record in Pasir Gudang Campus back in 2019 before dropping abruptly in 2020. The quick rise seen in the recent year has been contributed by many factors such as more UiTM staff have been able to secure consultations from the industry as the MCO relaxed.

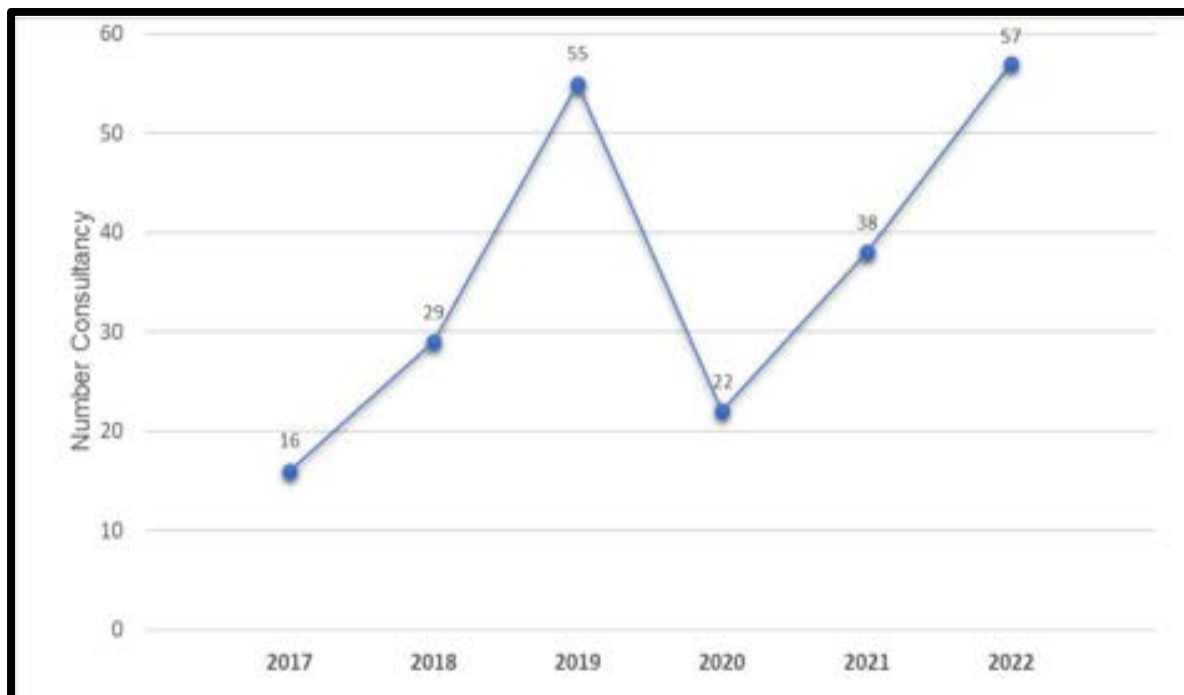


Figure 3.2.4 Number Of Consultancy Projects At Segamat Campus (2017 – 2022)

The overall projection on total consultation activities by UiTM CJ for 2022 has shown positive increasing signs as seen in Figure 3.2.5. This strong increment in registered consultancy activity in UiTM CJ is possible as both Campus Segamat and Pasir Gudang have provided a significant increase in the total project secured. As more UiTM CJ staff learn about the opportunities and how it can also contribute to their KPI, the number of UiTM CJ staff that will be registering their consultation activity is expected to increase further in the year 2023.

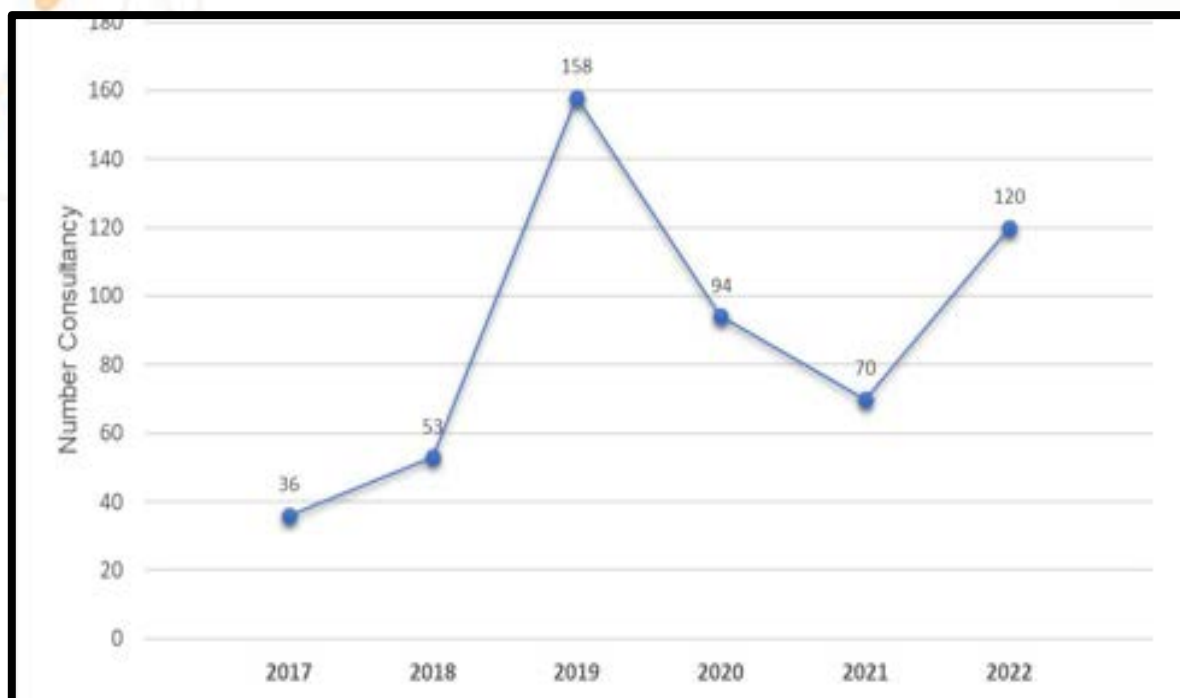


Figure 3.2.5 Total Number Of Consultancy Projects At UiTM CJ (2017 – 2022)

3.3 ACHIEVEMENTS IN 2022





2022

Annual Report of Research, Industrial Linkages & Alumni Division

4. INNOVATION, PATENT & COMMERCIALISATION



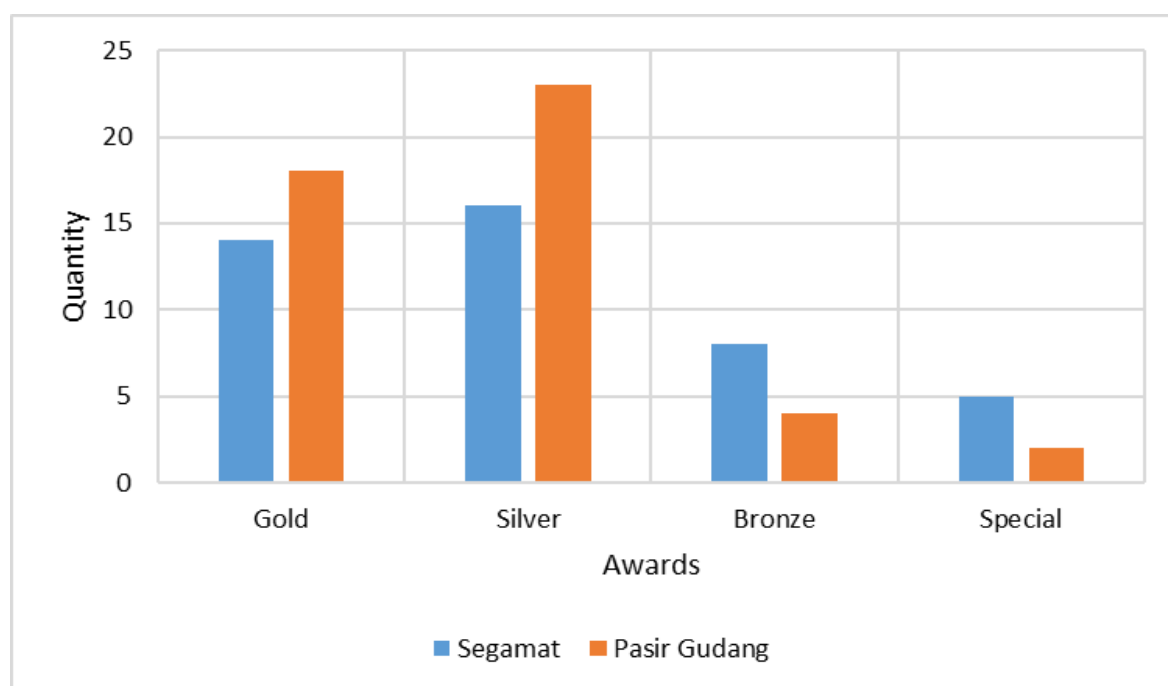
SECTION 4 INNOVATION, PATENT & COMMERCIALISATION

4.0 INTRODUCTION

Innovation competitions called upon passionate contestants with innovations and ideas across all disciplines. The competitions inspire the contestants to develop creative problem-solving skills through their trains of thought, to engage in productive teamwork, and to utilise effective communication, all of which are critical for future success in life. UiTM Cawangan Johor has actively bent over backwards, exploring all avenues and buckling down for the competitions. We had been on a roll, sweeping up accolades in every competition in which we participated. Also, there are some products that are successfully registered as copyrights, and some are patented.

4.1 INNOVATION COMPETITIONS

The bar chart below shows the awards won by UiTM Cawangan Johor in innovation competitions in 2021.



4.2 ACHIEVEMENT

SEGAMAT CAMPUS

EVENT: SABAH INTERNATIONAL VIRTUAL INNOVATION, INVENTION COMPETITION

ORGANIZER: UiTM CAWANGAN SABAH

DATE: 13 JANUARY 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Syamsyul Samsudin ii. Nik Nur Shafika Mustafa iii. Rohanizan Md Lazan iv. Nurul Haida Johan v. Ferri Nasrul vi. Dr Maizura Md Isa	Sulam For INV 621	Diamond (Champion Of All), Gold

EVENT: VIRTUAL ASIA INNOVATION SHOW 2022

ORGANIZER: MALAYSIA INNOVATION ASSOCIATION

DATE: 5th - 6th MARCH 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Wan Nor Hafidzah Binti Wan Mohd ii. Prof. Madya Dr. Noriah Binti Ismail iii. Haryati Binti Ahmad iv. Dr. Suhaidi Bin Elias@ Alias	Experimental Learning Module: Love In Fun-Based Education (Life)	Silver

EVENT: Educational Design, Games, Invention & Innovation Competition 2022 (EDGII2022)

ORGANIZER: UiTM CAWANGAN JOHOR

DATE: 28 NOVEMBER 2021-15 APRIL 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Dr Syaimak Ismail ii. Dr Syazwani Abd Rahim iii. Dr Nurul Badriyah Ali iv. Ustazah Siti Noor Ain Aziz v. Ustazah Nurfarhana Mohd Daud	Easy Access Center (EAC-CTU552)	Gold
2	i. Farhana Idris ii. Siti Fatimah Mohamad Radzi iii. Munirah Azrae	Quiz Bot Arabic Listening Practice	Silver
3	i. Mahasin Binti Mearaj ii. Siti Noor Ain Binti Aziz iii. Masyfu'ah Binti Mokhtar iv. Hirman Maswan Ibrahim	Pendekatan Interaktif Pembelajaran Personal CTU001: Formula Silinder Isipadu Air Wuduk	Silver

NO.	MEMBERS	PROJECT TITLE	AWARD
4	i. Syamsyul Samsudin ii. Nik Nur Shafika Mustafa iii. Rohanizan Md Lazan iv. Nurul Haida Johan v. Dr Ahmad Syahmi Ahmad Fadzil	Sulam For INV 621 V1	Silver
5	i. Ijlal Binti Saja@Mearaj ii. Mahasin Binti Saja @ Mearaj iii. Nadia Binti Harroon	Ingat kosa kata Arab dengan e-Tadribat Muannas	Gold

EVENT: CREATIONS de UiTM- INTERNATIONAL MEGA INNOVATION CARNIVAL 2022

ORGANIZER: UiTM CAWANGAN SELANGOR KAMPUS DENGKIL

DATE: 24 MARCH 2022- 8 APRIL 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nur Intan Syafinaz Binti Ahmad ii. Dr Ng Set Foong iii. Dr Norbaiti Binti Tukiman iv. Aishah Binti Mahat v. Farah Suraya Binti Md Nasrudin	Microcredential Functions For Learning Elementary Mathematics Using Online Platform	Silver
2	i. Nazhatulshima Nolan	Mahsuri-The Legend Continues	Silver

EVENT: 4TH VIRTUAL INTERNATIONAL BREAKTHROUGH INVENTION, INNOVATION & DESIGN EXHIBITION (VI-BIIDE2022)

ORGANIZER: UiTM CAWANGAN PAHANG, KAMPUS RAUB

DATE: 25 MAY 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Syamsyul Samsudin ii. Nik Nur Shafika Mustafa iii. Rohanizan Md Lazan iv. Nurul Haida Johan v. Dr Ahmad Syahmi Ahmad Fadzil	SULAM for INV 621 V1	Best of The Best Award, Gold
2	i. Mohamad Hafiz Bin Rosli ii. Farhana Habolah	A Simple Module To Accounting For Business Combination: Second Edition	Gold
3	i. Dr. Nur Fatimah Shaari ii. Nor Hidayah Hassim iii. Dr. Ahmad Syahmi Ahmad Fadzil iv. Dr. Nur Amalina Aziz v. Muhammad Zulqarnain Hakim Abd Jalal	SMART LAC: VIABLE LEARNING SYSTEM	Silver

NO.	MEMBERS	PROJECT TITLE	AWARD
4	i. Azlina Binti Jumadi ii. Nor Siti Khadijah Arunah iii. Najwa Abd Ghafar iv. Dr Siti Afiqah Mohammad v. Farah Suraya Md Nasrudin	GEOMATH-PRO	Gold
5	i. Dr. Ahmad Syahmi Ahmad Fadzil ii. Dr. Nur Fatihah Shaari iii. Nor Hidayah Hassim iv. Muhammad Zulqarnain Hakim Abd Jalal v. Dr. Nur Amalina Aziz vi. Dr. Amir Imran Zainoddin	SMART - STRATA	BRONZE

EVENT: 5TH DIGITALISED INTERNATIONAL INVENTION, INNOVATION & DESIGN JOHOR 2022 (DIIID 2022)

ORGANIZER: UiTM CAWANGAN JOHOR

DATE: 23 September 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Dr. Nur Rifhan Bte A. Rahim ii. Dr. Zarith Sofia Binti Jasmi iii. Dr. Nur Hanisah Binti Mohamad Razali iv. Siti Noorhaslina Binti Abd v. Halim Hafizuddin Bin Md Dali	Nasal Care Face Mask	Gold
2	i. Dr. Nur Amalina Aziz ii. Dr. Ahmad Syahmi Ahmad Fadzil iii. Dr. Nur Fatihah Shaari iv. Nor Hidayah Hassim v. Muhammad Zulqarnain Hakim Abd Jalal	SMART-STRATA	Gold
3	i. Muhammad Zulqarnain Hakim Abd Jalal ii. Dr. Ahmad Syahmi Ahmad Fadzil iii. Dr. Nur Fatihah Shaari iv. Nor Hidayah Hassim v. Dr. Nur Amalina Aziz	SMART LAC: Viable Learning System	Silver
4	i. Dr Noreen Noor Abd Aziz ii. Nurul Aien Binti Abd Aziz iii. Shaherah Abdul Malik iv. Mohd Hafizan Musa v. Rusnani Mohamad Khalid	Teaching On The Go	Silver

NO.	MEMBERS	PROJECT TITLE	AWARD
5	i. Zanariah Abdul Rahman ii. Zaira Mohd Nor iii. Syaidatul Zarina Mat Din iv. Prof Madya Dr. Akmal Aini Othman	Enhancing Students Engagement Via Online Webinar	Bronze

EVENT: INTERNATIONAL E-CONTENT DEVELOPMENT COMPETITION 2022 (ECONDEV 2022)

ORGANIZER:

DATE: 22ND TO 30TH AUGUST 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Sofwah Md Naw ii. Suhaili Mohd Yusof iii. Puteri Nur Hidayah Kamaludin iv. Dr Noridah Sain v. Haryati Ahmad	MOOC GRAMMAR 1	Silver
2	i. Mazlyda Abd Rahman ii. Zuriati Ismail	GOT^2 A+ OOP	Bronze
3	i. Siti Hasma Hajar Binti Mat Zin ii. Suhanah Binti Rosnan	Introduction to Statistics	Bronze

EVENT: INVENTION, INNOVATION & DESIGN EXPOSITION (IINDEX) 2022

ORGANIZER: UITM SHAH ALAM

DATE: 12 DECEMBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Dr. Nor Azairiah Fatimah Othman ii. Syaidatul Zarina Binti Mat Din iii. Prof. Ts. Dr. Veera Pandiyan A/L Kaliani Sundram iv. Murni Zarina Bt Mohamed Razali v. Zarina Abdul Munir	Ostracism Management Matrix (OstraMaTriX)	Bronze
2	i. Dr Norashikin Ismail ii. Dr Nor Azairiah Fatimah Othman iii. Zanariah Abdul Rahman iv. Professor TS Dr Veera Pandiyan A/L Kaliani Sundram	Crowdfunding Scorecard (CFSc)	Bronze

EVENT: NEGERI SEMBILAN INTERNATIONAL EXPOSITION 2022 (NSIEx2022)

ORGANIZER: UiTM CAWANGAN NEGERI SEMBILAN

DATE: 13 OCTOBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Syamsyul Samsudin ii. Nik Nur Shafika Mustafa iii. Rohanizan Md Lazan iv. Nurul Haida Johan v. Dr. Ahmad Syahmi Ahmad Fadzil	SULAM for INV621 V1	Gold Best Video
2	i. Dr. Nur Fatimah Shaari ii. Dr. Nurkhairany Amyra Mokhtar iii. Dr. Fatin Farazh Ya'acob iv. Dr. Basri Badyalina v. Dr. Muhammad Majid vi. Dr. Mohamad Faizal Ramli	Vogue Fashionista App: Fashioning You!	Bronze

EVENT: VIRTUAL INNOVATION COMPETITION 2022 3rd EDITION

ORGANIZER: UiTM CAWANGAN KELANTAN

DATE: 15 NOVEMBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Rohani Jangga ii. Noraishah Kamarolzaman iii. Zurina Omar iv. Hairiani Abdul Hamid	Sabit Sawit Mudah	Gold

EVENT: INTERNATIONAL SUSTAINABILITY INVENTION INNOVATION AND DESIGN SHOWCASE 2022

ORGANIZER: UiTM

DATE: 22 MARCH 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Syamsyul Samsudin ii. Nik Nur Shafika Mustafa iii. Rohanizan Md Lazan iv. Nurul Haida Johan v. Dr. Ahmad Syahmi Ahmad Fadzil	SULAM FOR INV 621 V1	Silver

EVENT: MALAYSIA INVENTION AND INNOVATION EXPO 2022

ORGANIZER: MALAYSIA INVENTION & INNOVATION EXPO

DATE: 1 NOVEMBER 2021- 29 APRIL 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Syamsyul Samsudin ii. Nik Nur Shafika Mustafa iii. Rohanizan Md Lazan iv. Nurul Haida Johan v. Dr. Ahmad Syahmi Ahmad Fadzil	SULAM for INV 621	GOLD

EVENT: INTERNATIONAL INVENTION & INNOVATIVE COMPETITION (InIIC Series 1/2022)

ORGANIZER: MNNF NETWORK

DATE: 25 JUNE 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nurul Aien Abd Aziz ii. Dr. Noreen Noor Abd Aziz iii. Shaherah Abdul Malik iv. Mohd Hafizan Musa v. Rusnani Mohamad Khalid	Teaching On The Go	Gold

EVENT: HITeL TEACHING & LEARNING INNOVATION COMPETITION 2022

ORGANIZER: UITM CAWANGAN PERAK

DATE: 30 JUNE 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Mohd Hafizan Musa ii. Zuriati Ismail iii. Ts Dr Nur Huda Jaafar iv. Suhanah Rosnan v. Haslenda Yusop vi. Nur Syafikah Ibrahim	HASync Guide: The hybrid Asynchronous and Synchronous Online Teaching and Learning Guideline	Silver

EVENT: INNOVATIVE RESEARCH INVENTION & APPLICATION EXHIBITION (i-RIA)

ORGANIZER: UNIVERSITI UTARA MALAYSIA

DATE: 9 AUGUST 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Prof Madya Dr. Saunah Binti Zainon ii. Ts Dr Rashidah Mokhtar iii. Prof Madya Dr Soo Kum Yoke iv. Prof Madya Dr Rahimah Mohamed Yunos v. Dr Nurul Huda Md Yatim, vi. Nur Eyliawati Japelus	Islamic Social Enterprise Management Index (ISEMI)	Silver

EVENT: CARNIVAL OF RESEARCH AND INNOVATION (CRI 2022)

ORGANIZER: UNIVERSITI MALAYSIA KELANTAN

DATE: 22 MAY - 5 JUNE 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Dr Fatihah Mohd ii. Dr. Azila Jaini iii. Noor Raihani Zainol iv. Nurul Izyan Mat Daud v. Nur Ain Ayunni Sabri vi. Nik Madeeha Nik Mohd Munir vii. Syazwani Abd Shukur	Cardening Fairyland: From Abandoned Car To Smart Retro Garden	Silver

EVENT: 1ST INTERNATIONAL COMPETITION OF ENTREPRENEURSHIP BUSINESS INNOVATION

ORGANIZER: UiTM CAWANGAN KEDAH/ UNIVERSTAS ISLAM BANDUNG

DATE: 8 AUGUST 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Puteri Yasmin Nadia Razali ii. Dr. Azila Jaini iii. Miza Zahari iv. Nur Faqihah Hazwani Mohd Fadzli v. Nur Farah Nabilah Jamalludin vi. Rina Jamil	Business Idea: Coffee & Ciao	Bronze

EVENT: 17TH EUROPEAN CONFERENCE ON INNOVATION AND ENTREPRENEURSHIP

ORGANIZER: ACADEMIC CONFERENCES INTERNATIONAL

DATE: SEPTEMBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Syamsyul Samsudin ii. Nik Nur Shafika Mustafa iii. Dr. Ahmad Syahmi Ahmad Fadzil iv. Rohanizan Md Lazan v. Nurul Haida Johan	Applied Investment Management (Inv 621): Digital Learning Experience And Service-Learning Malaysia-University For Society (Sulam).	Second place

EVENT: 5TH INTERNATIONAL CONFERENCE ON ZAKAT, WAQF, AND ISLAMIC PHILANTHROPY (ZAWFI) 2022

ORGANIZER: UITM

DATE: 14 SEPTEMBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Musaiyadah Ahmadun ii. Norfazillah Matmali iii. Masnih Mustapa iv. Jahidih Saili v. Prof Madya Dr Zamali Tarmudi	Zakat Distribution Model Based On The Diversity Of Asnaf Background	Gold

EVENT: INTERNATIONAL BORNEO INNOVATION EXHIBITION & COMPETITION (IBIEC) 2022

ORGANIZER: POLITEKNIK KOTA KINABALU SABAH

DATE: 19-20 OCTOBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Jahidih Salli ii. Prof Madya Dr. Zamali Tarmudi iii. Dr. Musaiyadah Ahmadun iv. Norfazillah Matmali v. Dr. Masnih Mustapa	Zakat Distribution Model Based On The Diversity Of Asnaf Background	First place

EVENT: KONVENSYEN KUMPULAN INOVATIF DAN KREATIF UNIVERSITI AWAM KE-16

ORGANIZER: UTHM

DATE: 20-21 SEPTEMBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Azlina Binti Jumadi ii. Nor Siti Khadijah Arunah iii. Najwa Abd Ghafar iv. Dr Siti Afiqah Mohammad v. Farah Suraya Md Nasrudin vi. Noor Azrin Zainuddin	GEOMATH-PRO	Gold

EVENT: THE 11th INTERNATIONAL INVENTION, INNOVATION AND DESIGN 2022 (INDES 2022)

ORGANIZER: UTM CAWANGAN PERAK

DATE: 14-25 NOVEMBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Siti Noor Ain Binti Aziz ii. Dr Syaimak Ismail iii. Dr Syazwani Abd Rahim iv. Dr Nurul Badriyah Ali v. Nurfarhana Mohd Daud	CTU Digital Flipbook: Comprehensive Guidelines To Produce Written Assignments Among Degree Students For MPU Courses	Silver

EVENT: THE INTERNATIONAL INNOVATION & DESIGN IN LIBRARY & INFORMATION SCIENCE (INDELIB)

ORGANIZER: UITM CAWANGAN KEDAH

DATE: 28 NOVEMBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nurfarhana Mohd Daud ii. Ahmad Fuzi Md Ajis iii. Siti Noor Ain Aziz iv. Dr. Mahfuzah Mohammed Zabidi v. Muhammad Afiq Hazwan Abu Bakar vi. Naqib Zhafran Basysyasy Omar	Rediscovering Wisdom Through Animated Da'wah Series For Children	Silver

PASIR GUDANG CAMPUS
EVENT: PERTANDINGAN REKACIPTA & INOVASI HIJAU (I-THINK GREEN- WASTE TO USAGE) 2022
ORGANIZER: PERTUBUHAN KONSERVASI ALAM MALAYSIA (PERKAM)
DATE: 02 JANUARY 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Ts. Mohammad Abdullah (K) ii. Ahmad Khudzairi Khalid iii. Siti Nadzirah Abd Manaf @ Abdul Manan iv. Nur Syazwani Amirah Shahrul Badri v. Rasyidah Nurdiyana Noredzuan	Organic Fertilizer from Vegetables Waste (P.I.B.O)	Gold
2	i. Ts. Mohammad Abdullah (K) ii. Ahmad Khudzairi Khalid iii. Nur Khairunisa Husna Abd Wahab iv. Muhammad Najmi Rushdi v. Nur Najiha Najwa Bahri	Biokap Pillow for Oil Trap Filter at Sungai Daeng, Kampung Perigi Aceh	Gold
3	i. Ts. Mohammad Abdullah (K) ii. Norhafini Hambali iii. Nurul Ha zwani Sabri iv. Ts. Dr. Diana Che Lat v. Juliana Martin	A Study of Water Quality at Mendana Straits for Caged Fish Farming using Selected Agro Waste	Gold
4	i. Ts. Mohammad Abdullah (K) ii. Ts. Dr. Ab Aziz Mohd Yusof iii. Mohd Zaki Sukor iv. Mohammad Zarqani Yeop v. Dr. Wan Nur Fazlina Abdol Jani	Recycled Eggshells Waste as Natural Adsorbent for Biodiesel Waste Cleaning	Gold
5	i. Ts. Mohammad Abdullah (K) ii. Dr. Nur Farhana Mohd Yusof iii. Dr. Nurhamizah Abd Ghani iv. Zykamilia Kamin	TomatoCap – Dried Tomato Waste as Colloids Capture	Gold
6	i. Ts. Mohammad Abdullah (K) ii. Muhammad Alif Haziq Zulkarnaen iii. Nur Athirah Mat Jusoh iv. Muhammad Azraei Asyman Hassanuddin v. Nur Filzah Afiqah Zamzuri	CocoFloc: Coconut Husk Waste as a Natural Coagulant in Removing Suspended Solid for Water Treatment	Gold

NO.	MEMBERS	PROJECT TITLE	AWARD
7	i. Encik Ahmad Khudzairi Khalid ii. Ts. Mohammad Abdullah iii. Mohammad Aqeel Ikmal Mohamed Jalil iv. Tuan Nur Amalin Qistina Tuan Azlima v. Nor Ezueemily Erman vi. Imran Naeem Ismail	Fermentor: Liquid Organic Fertilizer from Fruits Peels Waste (P.I.BO)	Gold

EVENT: PPT UiTM NATIONAL VIRTUAL INNOVATION COMPETITION 2022 (PPTNVIC '22)

ORGANIZER: UiTM CAWANGAN PULAU PINANG

DATE: 04 FEBRUARI 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Aiman Buqhari Mohd Sukri ii. Muhammad Najmi Mohamad Zam iii. Muntaz Hafizzi Abad iv. En Ahmad Khudzairi Khalid v. Cik Siti Nurul'ain Zaiton	3 in 1 Pred Express Kit	Silver
2	i. Nur Aisyah Shuhada Zain ii. Nurul Ain Binti Mohd Zaidi iii. Nur Intan Syafinaz Ahmad iv. Asmawati@ Fatin Najihah Binti Alias	FisherQuest	Silver
3	i. Puteri Syaquistina Safiya Azly ii. Iffah Madihah Binti Ahmad Zaidi iii. D. Rohayu Mohd Yunos iv. Siti Nurul 'ain Zaiton	Grammanary	Silver
4	i. Ainorimrashafiq Mazrulnisha ii. Muhammad Yassin Khalim iii. Dr. Muhamad Saipul Fakir iv. Dr Nur Hazirah Rozali Annuar	STEMusic	Silver
5	i. Anis Maisarah Mohd Sharuddin ii. Nurul Syakirah Abd Aziz iii. Hairul Amiza Azman iv. Dr Shamsul Onn	Einstein Elixir Lamp	Silver
6	i. Muhammad Khaizuran Hashim ii. Muhammad Hafizzuddin Roszey iii. Adib Shafiruddin iv. Asmawati @Fatin Najihah Alias v. Siti Nor Hafiza Mohd Yusoff	Battlemath: Fight For Your Future	Silver

NO.	MEMBERS	PROJECT TITLE	AWARD
7	i. Mohamad Hairuddin Md Roosly ii. Ahmad Luqman Roslind iii. Dr. Saiful Najmee Mohamad iv. Dr Muhamad Saipul Fakir	Pocket Lab	Silver

EVENT: VIRTUAL ASIA INNOVATION SHOW 2022

ORGANIZER: UiTM CAWANGAN PULAU PINANG

DATE: 05 MARCH 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Intan Suhada Azmi ii. Mohamad Zarqani Yeop	Application Of Epoxy Resin For Coating-Acoustic Panel	Silver
2	i. Prof Madya Dr Aminabibi Saidalvi ii. Wan Farah Wani Wan Fakhruddin iii. Wan Nur Asyura Wan Adnan iv. Nurhasmiza Sazalli v. Ameiruel Azwan Abd Azizi	My-Jp Travel Guide: Places, Culture And Language	Bronze

EVENT: 12TH CREATION, INNOVATION, TECHNOLOGY & RESEARCH EXPOSITION (CITREX) 2022

ORGANIZER: UNIVERSITI MALAYSIA PAHANG

DATE: 11 MARCH 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Siti Farah Haryatie Mohd Kanafiah ii. Prof. Madya Dr. Abdul Rahman iii. Mohd Kasim iv. Dr. Syazwani Mohd Zokri v. Dr. Nur Syamilah Arifin	Insight into Complex Fluid: A BrinkmanViscoelastic Fluid Model	Silver

EVENT: INTERNATIONAL SUSTAINABILITY INVENTION, INNOVATION AND DESIGN SHOWCASE 2022

ORGANIZER: UiTM SHAH ALAM

DATE: 22 MARCH 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Muhammad Hazim Aiman Azmi ii. Nurliyana Amran iii. Aishah Mahat iv. Nurhazirah Mohamad Yunos	Calculo Made Easy	Silver

EVENT: CREATION de UITM INTERNATIONAL MEGA INNOVATION CARNIVAL 2022

ORGANIZER: UiTM CAWANGAN DENGKIL

DATE: 08 APRIL 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Alani Najah Binti Zameri ii. Ts. Hazriel Faizal Bin Pahraraji	Semi-Auto Face Mask Disposal Bin	Gold
2	i. Abdul Rashid Bin Nasir ii. Ts. Hazriel Faizal Bin Pahraraji	Full-Body Sanitizing Machine	Silver
3	i. Nur Intan Syafinaz Binti Ahmad ii. Dr Ng Set Foong iii. Norbaiti Binti Tukiman iv. Aishah Binti Mahat v. Farah Suraya Binti Md Nasrudin	Microcredential Functions For Learning Elementary Mathematics Using Online Platform	Silver
4	i. Isyraf Zikry Bin Hafidzal ii. Nur Aini Sabrin Binti Manssor iii. Norzarina Binti Johari iv. Nur Aini Sabrin Binti Manssor	Motorized Bench Vise	Bronze

EVENT: EDUCATIONAL DESIGN, GAMES, INVENTION & INNOVATION COMPETITION 2022

ORGANIZER: UiTM CAWANGAN JOHOR

DATE: 15 APRIL 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Aimi Faqihah ii. Siti Aishah Taib iii. Norhisyam Jenal	The Lucky Schwa	Gold
2	i. Mohammad Abdullah	IVPV: Interactive Virtual Plant Visit Using Augmented Reality For CHE323 Palm Oil Manufacturing & Application	Silver
3	i. En Ahmad Khudzairi Khalid ii. Norbaiti Tukiman iii. Muhammad Naqib Afiq Hanuar iv. Ahmad Hakim Khamis v. Mohamad Syahmeer Mohd Sha'izan	Iv-Stem Kit: Stem Magic Balloon	Silver
4	i. Norbaiti Tukiman ii. Ahmad Khudzairi Khalid iii. Nurhazirah Mohamad Yunos iv. Nur Azizah Abd Rahim v. Muhammad Hazim Daud	Myjohorgreen2u: Personalized Learning Through Low Cost Mini Landscape	Silver
5	i. Nurul Nadiah Rasdi (K) ii. Ahmad Najmie Rusli	Idiomatic Globetrotter	Silver

NO.	MEMBERS	PROJECT TITLE	AWARD
6	i. Muhammad Irfan Bin Mokhtar ii. Nur Alyani Khairul Annuar iii. Nurul Hijah Binti Jasman iv. Nursuhaila Binti Ibrahim	Alternatively, ... An Interactive eBook for Vocabulary Enrichment	Silver
7	i. Nadzrah Binti Sa'adan ii. Siti Aishah Taib iii. Aminabibi Saidalvi iv. Maisarah Noorezam v. Siti Mariam Mohammad Ilyas	Radical: Radio Drama Learning Website	Silver
8	i. Siti Fairuz Sujak (K) ii. Rohaya Sulaiman iii. Siti Noor Ain Azizi iv. Suzilla Jamari	Digital Report Writing Assignment	Silver
9	i. Raja Muhammad Aslam bin Raja Arif ii. Wan Muhammad Syahmi bin Wan Fauzi iii. Azizul Hakim bin Samsudin iv. Al Amin Mohamed Sultan v. Mohamad Shazwan Shah bin Jamil	Utilizing Classpoint for Engaging Teaching and Learning	Bronze
10	i. Narita Noh ii. Noor Raifana Ab Rahim iii. Nur Zaidani Wati Mohd Darwis iv. Juwita Asfar v. Nurul Azida Abd Razak	Lecturer Evaluation System (Levs) As Assessment Tool For Grouping Work	Silver
11	i. Siti Mariam Mohammad Iliyas ii. Siti Zari Kh Sofiah Abu Bakar iii. Dia Widyawati Amat iv. Zuraidah Sumery	ECAR APPS-Critical Reading Made Easy	Silver

EVENT: PMBJ NATIONAL INNOVATION & CREATIVITY COMPETITION 2022 (PNICC 22)

ORGANIZER: POLITEKNIK METRO JOHOR BAHRU

DATE: 22 MAY 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Muhammad Asyraf Muhidzir ii. Alham Haziq Shamsool iii. Dania Arrisya Ahmad Nizam iv. Siti Fatimah Ishak v. Razieman Mohd Yusoff	CASEANY	Gold

NO.	MEMBERS	PROJECT TITLE	AWARD
2	i. Ts. Saiful Jumali ii. Muhammad Akmal Md Ali iii. Nur Ayuni Mohd Fuad iv. Nurin Yasmin Hishamuddin v. Regina Mesha Asmara Binti Ya'cob	HISTORIA	Silver

EVENT: THE FOURTH VIRTUAL BREAKTHROUGH INVENTION, INNOVATION AND DESIGN EXHIBITION (VI-BiiDE2022)

ORGANIZER: UiTM CAWANGAN PAHANG

DATE: 25 MAY 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Ng Set Foong ii. Azianti Ismail iii. Norbaiti Tukiman iv. Mohamad Faizal Ab Jabal v. Ahmad Khudzairi Khalid vi. Nurhazirah Mohamad Yunos	Bun Nutrient Analyser Model For Healthy Food Nutrient	Gold
2	i. Ahmad Khudzairi Khalid ii. Muhammad Naqib Afiq Hanuar iii. Mohamad Syahmeer Mohd Sha'izan iv. Diana Nabila Hasan v. Nursyazliana Mohd Esa vi. Nur Camelia Arife Fadzillah	Volunteers Stem Kit: Magic Balloon	Gold
3	i. Nurhuda Ismail ii. Rohaya Sulaiman iii. Siti Fairuz Sujak	Allah's Best Creation: Sky	Gold
4	i. Norbaiti Tukiman ii. Ahmad Hakim Khamis iii. Siti Rafhanah Suwandi iv. Siti Nurfarisya Md Noh v. Nur Afifah Sulaiman vi. Emier Hedzriq Mohd Hisammuddin	2 in 1 iv-STEM French Fries Machine	Silver
5	i. Dr Najibah Ab Latif ii. Muhammad Luqman Fahmi Mohd Zaki iii. Dr Nurul Nadia Binti Mohammad	Foldable Multifunction Hand Trolley	Silver
6	i. Norbaiti Tukiman ii. Ahmad Khudzairi Khalid iii. Rosli Abu Bakar iv. Nurnajmina Alia Mohd Yusof v. Siti Norsyamira Binti Ayub	Waste To Wealth Myjohorgreen2u: Low-Cost Mini Landscape	Bronze

NO.	MEMBERS	PROJECT TITLE	AWARD
7	i. Nurul Nadia Mohammad ii. Siti Aminah Nordin iii. Zakiah Yusoff iv. Siti Hazurah Indera Putera v. Shakiraaazeehan Azli vi. Najibah Ab Latif	Comparative Study Between Fuzzypid Fuzzypi Controller For Compact Hydro Distillation Process	Bronze

EVENT: INNOVATION TECHNOLOGY EXPO (INTEX 22)

ORGANIZER: UNIVERSITI MALAYSIA SARAWAK

DATE: 16 JUNE 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Mohammad Abdullah ii. Nurul Hazwani Hanib iii. Nur Farhana Mohd Yusof iv. Juliana Martin v. Ahmad Khudzairi Khalid	NATKAP - An Oil Filter Using Kekabu (Kapok) for Cage Fish Farming	Gold
2	i. Ahmad Khudzairi Khalid ii. Norbaiti Tukiman iii. Mohammad Abdullah iv. Muhammad Zikry Ahmad Shah v. Khairul Azman Shah Azahar vi. Siti Alyaa Aisyah Zulkefle	3m Modul Farmonik: Akuaponik 3 Dalam 1, Mudah, Murah Dan Menguntungkan Untuk Komuniti	Silver

EVENT: INTERNATIONAL INNOVATIONS INVENTION CREATION EXHIBITION (IIICE2022)

ORGANIZER: UiTM CAWANGAN SELANGOR

DATE: 30 JUNE 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Muhammad Zikry Ahmad Shah ii. Khairul Azman Shah Azahar iii. Siti Alyaa Aisyah Zulkefle iv. Ahmad Khudzairi Khalid v. Norbaiti Tukiman vi. Mohammad Abdullah	3m Modul Farmonik: Akuaponik 3 Dalam 1, Mudah, Murah Dan Menguntungkan Untuk Komuniti	Bronze

EVENT: INTERNATIONAL TEACHING AID COMPETITION (iTAC2022)

ORGANIZER: UiTM CAWANGAN KEDAH

DATE: 30 JUNE 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nur Intan Syafinaz Ahmad ii. Asmawati@Fatin Najihah Alias iii. Nur Aisyah Shuhada Zaini	ChemQ: Chemistry Fun Learning Game	Silver

EVENT: INTERNATIONAL INNOVATION COMPETITION ON LANGUAGES, EDUCATION & SOCIETIES (IINNCOME 2022)

ORGANIZER: UiTM CAWANGAN PERLIS

DATE: 08 JULY 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Liyana Ahmad Afip ii. Norshazrina Sabri iii. Aveleena Afzan Hassan iv. Nurul Aadilah Salleh v. Nik Aliff Hakimi Nik Mohd Fadzil vi. Nursyuhada Zakaria	Wall To Talk (W2t): Using Padlet In Fostering Student Agency Among International Undergraduate Students	Silver

EVENT: 2ND INNOVATION & INVENTION CHALLENGE COLLEGE OF ENGINEERING 2022 (IICCE2022)

ORGANIZER: UiTM SHAH ALAM

DATE: 19 JULY 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Norizzati Ibrahim ii. Che Maznah Mat Isa iii. Nur Kamaliah Mustaffa iv. Nur Izzati Ab Rani	The Entry Location Assessment Criteria (Elac) System For Sustainable Construction	Silver

EVENT: INTERNATIONAL E-CONTENT DEVELOPMENT COMPETITION 2022 (E-CONDEV 2022)

ORGANIZER: UNIVERSITI TEKNOLOGI MARA

DATE: 22 AUGUST 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Suhana Mohamed ii. Nurul Aien Abd Aziz iii. Mohd Azwan Md Isa iv. Nurulashikin Romli v. Arni Munira Markom vi. Azianti Ismail vii. Aduan Yusra Kahpi viii. Aslina Omar ix. Norbaiti Tukiman x. Norazidah Shamsudin	Microcredential Finance for Engineering: the Microsoft Sway Module	Best Microcredential (Business and Management) award & Gold

EVENT: NATIONAL INNOVATION AND INVENTION COMPETITION 2022 (NIICe 2022)

ORGANIZER: UNIVERSITI TUN HUSSEIN ONN MALAYSIA

DATE: 22 AUGUST 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Siti Nurmaisarah Fkhururazi ii. Farhah Nadhirah Rusli iii. Madiha Fatin Mohamad iv. Siti Nurmaimanah Fkhururazi v. Alizah Ali vi. Nor Fazlin Uteh vii. Dr Mahfuzah Mohammed Zabidi	TASDOKU_BA	Silver

EVENT: 5th DIGITALISED INTERNATIONAL INVENTION, INNOVATION & DESIGN 2022 (DIID 2022)

ORGANIZER: UiTM CAWANGAN JOHOR

DATE: 23 SEPTEMBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Muhammad Aqil Fahmy Bin Reduan ii. Hazriel Faizal Bin Pahraraji	Design And Fabrication Of Automatic Flour Filter	Gold
2	i. Nur Farhana Mohd Yusof ii. Haikal Mustafa iii. Norin Hafizah Rahim iv. Nurul Hazwani Hanib v. Siti Farhanah Alfashni	Observation of PSF Loading Effect on Double Layer Substrate Structure through SEM Imaging	Gold
3	i. Siti Hajar Anaziah Muhamad ii. Salmi Nur Ain Sanusi iii. Sharifah Iziuna Sayed Jamaludin iv. Nor Ain Abu Samah	SludoFe - From Waste to Life	Gold
4	i. Siti Fairuz Sujak ii. Rohaya Sulaiman iii. Siti Nor Ain Aziz iv. Suzilla Jamari v. Siti Nurmaisarah Fkhururazi	Visual Report Writing Assignment	Silver
5	i. Mohd Rilizam Rosli ii. Mohd Ali Muhammad Don iii. Mohd Farhan Ahmad iv. Mohd Shukri Mohd Senin v. Noraishah P.Othman	E-Book Panduan Pemulihan Remaja Hamil Luar Nikah	Silver
6	i. Amir Hassan Shamsul Ezam ii. Hazriel Faizal Bin Pahraraji	Design And Fabrication Of 3-In-1 Foldable Hand Trolley	Silver
7	i. Mohamad Syraf Zainal ii. Hazriel Faizal Pahraraji	Design And Fabrication Of Hydraulic Pipe Bending Machine	Silver

NO.	MEMBERS	PROJECT TITLE	AWARD
8	i. Haziq Syakir Ismail ii. Hazriel Faizal Pahroraji	Automatic Whiteboard Cleaner	Silver
9	i. Muaz Azimudidin ii. Hazriel Faizal Pahroraji	Semi-Automated Clothes Wringer	Silver
10	i. Muhammad Afiq Danial Ramlee ii. Hazriel Faizal Pahroraji	Design And Fabrication Of Apam Balik Cooker With Foldable Pan	Bronze
11	i. Muhammad Haziq Md Fauzi ii. Hazriel Faizal Pahroraji	Design, Fabricate And Analysis Semi Auto Tart Printer Machines	Bronze

EVENT: NEGERI SEMBILAN INTERNATIONAL EXPOSITION 2022 (NSIEx 2022)

ORGANIZER: UiTM CAWANGAN NEGERI SEMBILAN

DATE: 13 OCTOBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Gan Kiat Chien ii. Toh Ling Ling iii. Chong Peng Hwa iv. Chong Oi Leng v. Chan Yann Sheng vi. Choo Kim Fong	Mandarin In 3 Minutes	Gold
2	i. Azrina Binti Suhaimi ii. Rashidah Mokhtar iii. Mohd Lezam Lehat iv. Safura Adeela Sukiman	Error-Based Learning: An Alternative Approach To Learn C++ Programming	Gold
3	i. Nurhazirah Mohamad Yunus ii. Taufiq Khairi Ahmad Khairuddin iii. Ng Set Foong iv. Ahmad Khudzairi Khalid v. Norbaiti Tukiman vi. Nur Idayu Alimon	Ellipsoidal First Order Polarization Tensor (Efoptv2) Calculator Version 2	Silver

EVENT: INTERNATIONAL BORNEO INNOVATION EXHIBITION & COMPETITION 2022

ORGANIZER: POLITEKNIK NEGERI SRIWIJAYA

DATE: 20 OCTOBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Norizzati Ibrahim ii. Che Maznah Mat Isa	A Sustainable Red Clay Mini Bricks With Nano-Bentonite (Clamib-Naben) Materials For Early Learning For Younger Generation	Gold, Finalist And 2nd Prize Award (Category Construction & Material / Build Environment Design & Interior Design)

EVENT: VIRTUAL INNOVATION COMPETITION 2022

ORGANIZER: UiTM CAWANGAN KELANTAN

DATE: 01 NOVEMBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Saiful Najmee Mohamad ii. Siti Nurul 'Ain Hj Zaiton iii. Haryana Mohd Hairi iv. Siti Nor Hafiza Mohd Yusoff	Multi Overlay Schedules System	Bronze

EVENT: INDES 2022

ORGANIZER: UiTM CAWANGAN PERAK

DATE: 25 NOVEMBER 2022

NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nur Hazirah Rozali Annuar ii. Zulaikha Athirah Alexzman iii. Ahmad Rafizan Mohamad Daud iv. Mohd Lokman Ibrahim v. Nurulhidayah Salamun	COS Catalyst	Silver

4.3 LIST OF PATENTS, COPYRIGHTS & COMMERCIALISATION

The tables below show the list of copyrights and patents, respectively, that have been successfully registered by UiTM Cawangan Johor.

COPYRIGHT

NO	FILE NO.	PRODUCT	TEAM
1	600-BITCOM (IP.5/6/CP/2022/60)	ISLAMIC SOCIAL ENTERPRISE MANAGEMENT INDEX (ISEMI)	i. Prof Madya Dr. Saunah Binti Zainon ii. Dr. Nurul Huda Binti Md Yatim iii. Prof Madya Dr. Soo Kum Yoke iv. Nur Eyllawati Binti Japelus v. Ts. Dr. Rashidah Binti Mokhtar vi. Prof Madya Dr. Rahimah Binti Mohamed Yunos
2	600-BITCOM (IP.5/6/CP/2022/133)	Epoxidation of unsaturated fatty acid- based palm oil via heterogenous catalyst as an intermediate product	i. Intan Suhada Binti Azmi ii. Mohd Jumain Bin Jalil
3	600-BITCOM (IP.5/6/CP/2021/213)	Low cost interfaces hardware and Grafana based applications of IOT- monitoring for Solar Energy system	i. Muhammad Asraf Bin Hairuddin ii. Nurul Amira Anang Othman iii. Maizatul Zolkapli

NO	FILE NO.	PRODUCT	TEAM
4	600-BITCOM (IP.5/6/CP/2021/255)	High Sensitive Humidity Sensor: Nanoblock Array Of Zno/Sno2 Composite With Enhanced Nanopore	i. Dr. Nor Diyana Binti Md Sin ii. Mohamad Hafiz Bin Mamat iii. Mohamad Zhafran Bin Hussin iv. Fazlinashatul Suhaidah Binti Zahid

PATENT

NO.	BITCOM FILE	TEAM LEADER	PTJ	INVENTION TITLE
1	600-BITCOM (IP. 5/3/272/PT)	Puan Asmahani binti Abdullah	Perpustakaan Tun Dr Ismail	A Book Holder

2022

Annual Report of Research, Industrial Linkages & Alumni Division

5. PUBLICATIONS



SECTION 5 PUBLICATIONS

5.0 INTRODUCTION

Publishing provides a communication channel and a recognition mechanism for researchers and institutions. This year, UiTMCI lecturers have managed to publish several great books as well as book chapters.

5.1 BOOKS AND BOOK CHAPTERS

Tables 5.1.1 and 5.1.2 show the number of books as well as chapters in books published by UiTMCI lecturers. There are altogether 31 books and 86 chapters in books published this year.

Table 5.1.1 List of books Published in 2022

SEGAMAT CAMPUS			
NO	TITLE	AUTHOR/S	PUBLISHER
1	Introduction to Insurance And Takaful	Oswald @ Timothy Edward	Penerbit Kolej Universiti Islam Melaka
2	Blueprint Laksamana Nektar Projek Khas Rektor Versi 1.0	i. Nurul Badriyah bt Ali ii. Saunah Zainon	UiTM Cawangan Johor
3	Modul Aktiviti PKSR Smart PBD Pendidikan Islam Tahun 4	Nurul Badriyah bt Ali	Penerbit Ilmu Bakti Sdn. Bhd.
4	Modul Aktiviti PKSR Smart PBD Pendidikan Islam Tahun 5	Nurul Badriyah bt Ali	Penerbit Ilmu Bakti Sdn. Bhd.
5	Modul Aktiviti PKSR Smart PBD Pendidikan Islam Tahun 6	Nurul Badriyah bt Ali	Penerbit Ilmu Bakti Sdn. Bhd.
6	Aku sudah kembali	Nurul Badriyah bt Ali	Rimbunan Publishing House
7	Eksel dalam KSSR Modul Praktis PKSR	Nurul Badriyah bt Ali	Penerbit Ilmu Bakti Sdn. Bhd.
8	NOTIONS AND INSIGHTS VOL 3	Deepak Singh a/l Ratan Singh	Lambert Academic Publication
9	55 Common Mistakes You Often Do in C++ Programming (WHO says programming is difficult?)	Rashidah binti Mokhtar	Penerbitan Universiti Tub Hussein Onn Malaysia (UTHM)

SEGAMAT CAMPUS			
NO	TITTLE	AUTHOR/S	PUBLISHER
10	Perkembangan Ajaran Sesat dan Fahaman bertentangan Islam: Kajian Terhadap Pengurusan Jabatan Agama Islam Negeri Johor (JAINJ) Dalam Menangani Penularan	i. Syaimak binti Ismail @ Mat Yusoff ii. Mahasin binti Saja @ Mearaj iii. Siti Noor Ain binti Aziz iv. Munirah binti Zakaria v. Nurfarhana binti Mohd Daud	UiTM Perak
11	MODELLING SHADOW ECONOMIES: Sizes, Causes and Consequences	i. Muzafar Shah Habibullah ii. Mohd Yusof Saari iii. Yoke-Kee Eng iv. Tan Yan Ling v. Badariah Haji Din	MPH Group Publishing Sdn Bhd

PASIR GUDANG CAMPUS			
NO	TITTLE	AUTHOR/S	PUBLISHER
1	Professional Certificate in Electrical & Electronics Technology: Phase 3	i. ARNI Munira binti Makrom ii. Zakiah binti Mohd Yusoff	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
2	Questions & Answers Functions of Two and Three Variables Book 1	Aishah binti Mahat	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
3	Questions & Answers Functions of Two and Three Variables Book 2	Aishah binti Mahat	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
4	Tools for Online Learning	Norbaiti binti Tukiman Nurhazirah binti Mohamad Yunos Ng Set Foong Ahmad Khudzairi bin Khalid Mohamad Faizal bin Ab Jabal	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
5	Notes and Formula Calculus II	Aishah binti Mahat	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
6	Direktori Projek Universiti Teknologi MARA (UiTM) Cawangan Johor "2019-2022"	Mohamad Farid bin Misnan	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang

PASIR GUDANG CAMPUS			
NO	TITLE	AUTHOR/S	PUBLISHER
7	Introduction to CDIO Standard	i. Nur Asmaliza binti Mohd Noor ii. She Maznah binti Mat Isa iii. Narita binti Noh	IZ Creative and instant publisher ventures
8	Interactive Multimedia Calculus Ebook	Aishah binti Mahat	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
9	Water Resources Environmental Systems Technological Advances in Hydrological Engineering	i. Lee Wei Koon ii. Wardah binti Tahir iii. Jazuri bin Abdullah iv. Azinoor Azida binti Abu Bakar v. Nuryazmeen Farhan binti Haron vi. Suzana binti Ramli	Penerbit UiTM
10	Skor A Kerta Model SPM Kertas 1 dan Kertas 2 Bahasa Inggeris	i. Aminabibi binti Satanihpy @ Saidalvi	PELANGI SDN. BHD.
11	Teachers' Voice: Stories From The Classroom Vol.2	i. Aminabibi binti Satanihpy @ Saidalvi ii. Thahira Bibi binti T.K Muthu Koya Thangal iii. Nurul Hijah bte Jasman iv. Nur Alyani binti Khairol Anuar v. Siti Aishah binti Taib	MALAYSIAN ENGLISH LANGUAGE TEACHING ASSOCIATION (MELTA)
12	Prototype Design Collection Series 1	i. Ahmad Najmie bin Rusli ii. Nurul Nadiah binti Rasdi	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
13	Calculus II For Engineers: Ordinary Differential Equations	i. Nurhazirah binrti Mohd Yunos ii. Nur Idayu binti Alimon	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
14	Collection of Research Study in Statistics Siri 1	i. Nur Intan Syafinaz binti Ahmad ii. Aishah binti Mahat	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
15	Collection of Research Study in Statistic Siri 2	Aishah binti Mahat	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang

PASIR GUDANG CAMPUS			
NO	TITLE	AUTHOR/S	PUBLISHER
16	Berkebun Semudah ABC	i. Norbaiti binti Tukiman ii. Ng Set Foong iii. Ahmad Khudzairi bin Khalid iv. Norzarina binti Hasmy	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
17	Moment Distribution Method Beams and Frames Problems & Solutions	i. Oh Chai Lian ii. Mohd Raizamzamani bin Md Zain iii. Azerai bin Ali Rahman iv. Lee Siong Wee	Penerbit UiTM
18	Berkebun semudah ABC Siri 2	i. Norbaiti binti Tukiman ii. Ng Set Foong iii. Ahmad Khudzairi bin Khalid iv. Harshida binti Hasmy	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang
19	A Dual Beam Pattern Reconfigurable Array Antenna for WLAN Application	Muhammad Zairil bin Muhammad Nor	UTM Press
20	PLAISIR AQUAPONQUE: Keseronokkan aquaponik	i. Ahmad Khudzairi bin Khalid ii. Mohammad bin Abdullah iii. Norbaiti binti Tukiman	Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang

Table 5.1.2 List of chapters in books Published in 2022

SEGAMAT CAMPUS			
NO	TITLE	AUTHOR/S	PUBLISHER
1	Proof of Death for Administration of Estate in Malaysia: Has the "Deceased" Died?	i. Rahmawati binti Mohd Yusoff ii. Akmal Hidayah Halim iii. Nor Azlina Mohd Noor	THOMSON REUTERS ASIA SDN. BHD. AND SWEET & MAXWELL
2	Does the capability of Information Management, Knowledge Management, Innovation and Technology affect the sustainable competitive advantage of SMEs in Malaysia	i. Nurul Huda binti Md Yatim ii. Najatul Afiqah Mohd Afandi iii. Hazila binti Timan	Springer
3	Protecting purchasers' rights in abandoned housing projects (Goal 11)	i. Wan Amir Azlan bin Wan Haniff ii. Nuarrual Hilal Md Dahlan iii. Ruzian Markom	Routledge

SEGAMAT CAMPUS			
NO	TITLE	AUTHOR/S	PUBLISHER
4	The Efficiency of Sukuk Indices by Different Tenures Following the 2008-Financial Crisis	Syazwani binti Abd Rahim	Book Publisher International
5	The Relationship between Firm-Level Factors with The Profitability of Malaysian Technology Companies	i. Ruziah binti A. Latif ii. Mohamad Azwan bin Md Isa iii. Zaibedah binti Zaharum iv. Muhammad Adib Baharudin	Kaizentrenovation Sdn Bhd
6	Customer satisfaction of Pos Laju Malaysia service during pandemic Covid-19	i. Nur Fatimah binti Shaari ii. Nur Syafiqah A. Samad iii. Syahirah Wahida Mohamad iv. Siti Fariha Muhamad v. Robaisya Rahmat	Springer Science and Business Media Deutschland GmbH
7	Impact of Liquidity Management on Profitability in Banking Sector	i. Zaibedah binti Zaharum ii. Ruziah binti A. Latif iii. Mohamad Azwan bin Md Isa iv. Muhammad Haikal bin Hanafi	Kaizentrenovation Sdn Bhd
8	Risk Management: Legal Risk Exposures and Bases of Legal Liability of Professional	i. Oswald @ Timothy Edward ii. Suzana binti Hassan iii. Zahirah binti Hamid Ghul	Faculty of Business & Management UiTM Johor
9	An Overview of the Performance of Small Capitalisation (Small-Cap) Shariah Companies in Malaysia	i. Nur Liyana binti Mohamed ii. Zuraidah binti Ahmad iii. Wan Mohd Farid bin Wan Zakaria	Faculty of Business & Management UiTM Johor
10	Assessing the Trend in Commercial Electricity Demand Studies	i. Mohd Azim bin Sardan ii. Juliana binti Mohamed Abdul Kadir iii. Aidarohani binti Samsudin	Faculty of Business & Management UiTM Johor
11	Rising Price of Fertilizers on Palm Oil Supply	i. Tan Yan Ling ii. Norfariza binti Mohd Ali iii. Nurul Fahana Aini binri Harun iv. Azman bin Ali@Saip	Faculty of Business & Management UiTM Johor

SEGAMAT CAMPUS			
NO	TITTLE	AUTHOR/S	PUBLISHER
12	Intention to Become Entrepreneur Among Bachelor's Degree Students, Faculty of Business and Management, UiTM Segamat Johor	i. Shahira binti Abdul Jabar ii. Mohd Hakimi bin Harman iii. Faridah Najuna binti Misman	Faculty of Business & Management UiTM Johor
13	College Students: "How my time flies..."	i. Che Faridah binti Che Mahmood ii. Shafiee bin Md Tarmudi iii. Ros HASri bin Ahmad	Faculty of Business & Management UiTM Johor
14	COVID-19 and Education Sector in Malaysia: A Review	i. Tay Bee Hoong ii. Zuraidah binti Sipon iii. Norhasniza binti Mohd Hasan Abdullah	Faculty of Business & Management UiTM Johor
15	An Agile Management Practices In Higher Education: What We Can Learn From Pandemic COVID-19	i. Nur Amalina binti Aziz ii. Shaherah binti Abdul Malik iii. Siti Farrah binti Shahwir	Faculty of Business & Management UiTM Johor
16	Corporate Shared Value for the Community Development in Malaysia	i. Amir Imran bin Zainoddin ii. Kamel Taufiq bin Abdul Ghani iii. Farizah binti Mamat @ Mohd Nor	Faculty of Business & Management UiTM Johor
17	Stress Management	i. Zanariah binti Abdul Rahman ii. Noraishah binti Kamarol Zaman iii. Syaidatul Zarina binti Mat Sin	Faculty of Business & Management UiTM Johor
18	Impact of Trade War on Malaysian Crude Palm Oil Future	i. Norashikin bt Ismail ii. Mohamad Azwan bin Md Isa iii. Nor Hadaliza bt Abd Rahman	Faculty of Business & Management UiTM Johor
19	Gearing towards Sustainable Digital Economy (Part 1: National Aspiration and Policy)	i. Nor Azairiah Fatimah binti Othman ii. Norlina binti M. Ali iii. Muharratul Sharifah binti Shaik Alaudeen	Faculty of Business & Management UiTM Johor

SEGAMAT CAMPUS			
NO	TITTLE	AUTHOR/S	PUBLISHER
20	Service Quality in the Malaysian Development Financial Institutions (DFIs)	i. Muhamad bin Majid ii. Nazihah binti Omar iii. Wan Haslina Aziah binti Wan Hassan	Faculty of Business & Management UiTM Johor
21	The Determinants of Financial Development for Poverty Reduction	i. Aizura binti Md Isa@Kamarudin ii. Sharazad binti Haris iii. Shashazrina binti Roslan	Faculty of Business & Management UiTM Johor
22	Green Economy: Current practice and challenges in Malaysia	i. Nur Fatimah binti Shaari ii. Diana' binti Mazan iii. Rosmah binti Abd Ghani @ Ismail	Faculty of Business & Management UiTM Johor
23	The Role of Al 'Adl Wal Ihsan (Social Equilibrium) in Promoting Shared Prosperity	i. Nor Hazilah binti Ismail ii. Ferri bin Nasrul iii. Rohanizan binti Md Lazan	Faculty of Business & Management UiTM Johor
24	Impeding Factors towards the Effectiveness of Research and Development (R&D) Collaboration between University and Industry	i. Mohamad Faizal bin Ramli ii. Zurina binti Omar iii. Nur Adilah binti Hj Saud	Faculty of Business & Management UiTM Johor
25	Crude Palm Oil Futures Contract (FCPO) Trading In Malaysia	i. Nor Haliza binti Hamzah ii. Rabiatal Alawiyah bt Zainal Abidin iii. Khairudin bin Mohd Sali@Salleh	Faculty of Business & Management UiTM Johor
26	A Review on The Underlying Shariah Contracts for Takaful in Light of The Majma Al'Fiqhi Al-Islami Resolution No.200 2013 About Islamic Insurance	i. Mohd Khairul Ariff bin Noh ii. Kamal Fahrulrazy bin Rahim iii. Nurul Aien binti Abd Aziz	Faculty of Business & Management UiTM Johor
27	A Model of Entrepreneurial Learning: Embracing National Entrepreneurship Policy 2030	i. Ahmad Syahmi bin Ahmad Fadzil ii. Khairunnisa binti Rahman iii. She' Khalilah binti Mohmood	Faculty of Business & Management UiTM Johor
28	Muslim Menghadapi Cabaran Ideologi Barat	i. Nurul Badriyah binti Ali ii. Syaimak binti Ismail@Mat Yusoff	UiTM Cawangan Perak

SEGAMAT CAMPUS			
NO	TITTLE	AUTHOR/S	PUBLISHER
29	Pendidikan Anak Orang Asli Jakun di Kampung Kudung: Khidmat Komuniti UiTMJ (The Golden Diggers: Fun Learning Science, Mathematics and English)	i. Shamsatun Nahar binti Ahmad ii. Nor Fauziah binti Abu Bakar iii. Muruga A/L Chinniah	Penerbit Universiti Tun Hussein Onn Malaysia (UTHM)
30	Kaedah Matematik dalam Mengukur Tahap Kualiti Hidup Graduan Orang Asli Jakun UiTM: Satu Tinjauan	i. Shamsatun Nahar binti Nahar ii. Nor Fauziah binti Abu	Penerbit Universiti Tun Hussein Onn Malaysia (UTHM))
31	Makanan Tradisi Orang Asli Jakun Bekok	i. Norlina binti M. Ali ii. Rohani binti Jangga iii. Ahmad Nawawi bin Haji Yaakob	Penerbit Universiti Tun Hussein Onn Malaysia (UTHM)
32	ENDEAVOUR	Noriah binti Ismail	UiTM Cawangan Kedah
33	Lestarnya Bustan Gemilang Kita	Nurul Badriyah binti Ali	UiTM Cawangan Perlis
34	How Does U.S Stock Market Affect FBMKLCI during COVID-19?	i. Syamsul bin Samsudin ii. Nik Nur Shafika binti Mustafa iii. Nadia Nurul Najwa binti Mohamad Hassan	Faculty of Business & Management UiTM Johor
35	BAB 1: Kepercayaan dan Adat Tradisi Orang Asli Jakun, Bekok	i. Nurulzulaiha binti Sa'udah @ Suhadak ii. Ahmad Nawawi bin Haji Yaakob iii. Rohani binti Jangga iv. Aliza binti Ali	Penerbit Universiti Tun Hussein Onn Malaysia (UTHM)
36	Mengubah Landskap Pendidikan Anak-anak Orang Asli Jakun di SK Kampung Kudung: Cikgu Rosnah Yaakob	i. iNurulzulaiha binti Sa'udah @ Suhadak ii. Ahmad Nawawi bin Haji Yaakob	Penerbit Universiti Tun Hussein Onn Malaysia (UTHM)
37	Understanding Need for Achievement among Single Mother Entrepreneur in Malaysia	i. Irwan bin Ismail ii. Jannah Munirah binti Mohd Noor	Faculty of Business & Management UiTM Johor
38	Saving Behaviour: A Review of Literature	i. Faridah Najuna binti Misman ii. Mohd Hakimi bin Harman iii. Shahira binti Abdul Jabar	Faculty of Business & Management UiTM Johor

SEGAMAT CAMPUS			
NO	TITTLE	AUTHOR/S	PUBLISHER
39	Fundamental Analysis for Stock Picking	i. Nur Liyana binti Mohamed Yousop ii. Zuraidah binti Ahmad iii. Wan Mohd Farid bin Wan Zakaria	Faculty of Business & Management UiTM Johor
40	Microfinance's Target Market of Customers	i. Zarith Sofia binti Jasmin ii. Nur Hanisah binti Mohamad Razali iii. Hafizuddin bin Md Dali	Faculty of Business & Management UiTM Johor
41	The Impact of COVID-19 on Unemployment in Malaysia	i. Fatin Farazh binti Ya'acob ii. Siti Nordiyana binti Isahak iii. Bazri bin Abu Bakar	Faculty of Business & Management UiTM Johor
42	The Effect of China's Lockdown on Malaysian Trade	i. Fatin Farazh binti Ya'acob ii. Siti Nordiyana binti Isahak iii. Bazri bin Abu Bakar	Faculty of Business & Management UiTM Johor
43	Investing in Gold: Is it Profitable?	i. Suzana binti Hassan ii. Oswald @ Timothy Edward iii. Zahirah binti Hamid Ghul iv. Azila binti Jaini	Faculty of Business & Management UiTM Johor
44	CO2 Emission and Electricity Consumption: A Malaysia Dilemma	i. Mohd Azim bin Sardan ii. Aidarohani binti Samsudin iii. Juliana binti Mohamed Abdul Kadir	Faculty of Business & Management UiTM Johor
45	The Role of Banking Institutions In Malaysian Economy from the Perspective of Financial Services	i. Ferri Nasrul ii. Rohanizan binti Md Lazan iii. Nor Hazila binti Ismail	Faculty of Business & Management UiTM Johor
46	Employee Learning and Development in the Post-Pandemic Era	i. Nazihah binti Omar ii. Wan Haslin Aziah bt Wan Hassan iii. Muhammad bin Majid	Faculty of Business & Management UiTM Johor

SEGAMAT CAMPUS			
NO	TITLE	AUTHOR/S	PUBLISHER
47	Understanding Pro-Environmental Behavior: Which Category Are You?	i. Azila binti Jaini ii. Oswald @ Timothy Edward iii. Suzana binti Hassan iv. Zahirah binti Hamid Ghul	Faculty of Business & Management UiTM Johor
48	Bond Valuation in Excel: Additional Tool in Teaching and Learning Bond	i. Sharazad binti Haris ii. Maizura binti Md Isa @ Kamarudin iii. Shashazrina binti Roslan iv. Rabiatal Alawiyah binti Zainal Abidin	Faculty of Business & Management UiTM Johor
49	User satisfaction as a mediating construct on the impact of e-procurement usage on contractors' performance in the MCI	i. Suhaidi bin Elias @ Alias ii. Norshahniza binti Sahari iii. Shahrinizam Manshor @ Mansor	Faculty of Business & Management UiTM Johor
50	Halal Industry in Malaysia	i. Noreen Noor binti Abd Aziz ii. Roha binti Mohamed Noah iii. Rudza Hanim binti Mohamed Anuar	Faculty of Business & Management UiTM Johor
51	Scams in Malaysia: A Content Analysis on the Top Six Online Newspapers	i. Zuraidah binti Sipon ii. Norhasniza binti Mohd Hasan Abdullah iii. Tay Bee Hong	Faculty of Business & Management UiTM Johor
52	Labeling: Why is it necessary	i. Zurina binti Omar ii. Mohamad Faizal bin Ramli iii. Nur Adilah binti Hj Saud	Faculty of Business & Management UiTM Johor
53	The Effect of Workplace Support Towards Transfer of Training	i. Khairunnisa binti Rahman ii. Ahmad Syahmi bin Ahmad Fadzil iii. Che' Khalilah binti Mahmood	Faculty of Business & Management UiTM Johor
54	Total Quality of Campus Life: University Students Demographic Profile	i. Nur Rifhan bte A. Rahim ii. Siti Noorhaslina binti Abd Halim	Faculty of Business & Management UiTM Johor

SEGAMAT CAMPUS			
NO	TITTLE	AUTHOR/S	PUBLISHER
55	Big Data: What it is and Why It Matters	i. Noraishah binti Kamarul Zaman ii. Syaidatul Zarina binti Mat Din iii. Zanariah binti Abdul Rahman	Faculty of Business & Management UiTM Johor
56	Structural Unemployment Rises after COVID-10	i. Norfariza binti Mohd Ali ii. Tan Yan Ling iii. Nurul Fahana Aini binti Harun iv. Azman bin Ali @ Saip	Faculty of Business & Management UiTM Johor
57	Trend Pendidikan Orang Asli di Johor	i. Muruga A/L Chinniah ii. Shamsatun Nahar binti Ahmad iii. P. Siva Shamala A/P Palaniappan	PENERBIT UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)
58	Aduhai Suraya	Aliza binti Ali	FARABI GLOBAL RESOURCES
59	Social Entrepreneurship and Tourism in Malaysia: Advancement Strategies Inspire Community Engagement	i. Shaherahi Abdul Malik ii. Nur Amalina binti Aziz iii. Siti Farrah binti Shahwir	Faculty of Business & Management UiTM Johor
60	Impak Pendidikan Terhadap Mobiliti Sosial dalam Kalangan Orang Asli di Johor	Jaslina bt Md Dahlan	Penerbit Universiti Tun Hussein Onn Malaysia (UTHM)
61	Factor Influencing Fake News Sharing on Covid-19 Among Malaysian	i. Jaslin bt Md Dahlan ii. Mazida binti Ismail iii. Rohani binti Jangga	Faculty of Business & Management UiTM Johor
62	Gugurnya Bunga Cinta	Aliza binti Ali	FARABI GLOBAL RESOURCES
63	Antologi Cerpen Bisikan Bidadari	Alizah binti Ali	FARABI GLOBAL RESOURCES
64	Nindaku Pejuang Jauhar	Nazhatulshima bt Nolan	P&C PEKAN CENTRE
65	Sinarnya Pelangi Petang	Alizah binti Ali	FARABI GLOBAL RESOURCES
66	Mee Goreng Mei Mei	Alizah binti Ali	FARABI GLOBAL RESOURCES
67	Andainya Aku Pergi Dulu	Norshahniza binti Sahari	Writers Write Services

SEGAMAT CAMPUS			
NO	TITTLE	AUTHOR/S	PUBLISHER
68	Di Hadapan Almari Nenek	Nazhatulshima bt Nolan	P&C PEKAN CENTRE
69	40 Minggu	Norshahniza binti Sahari	Syahida Hassan Enterprise (SHE)
70	Di Hadapan Gobok Atok	Nazhatulshima bt Nolan	P&C PEKAN CENTRE
71	Pantun Jalan Rahmat Batu Pahat	Nazhatulshima bt Nolan	P&C PEKAN CENTRE
72	The Hibah Takaful Practise in Malaysia	i. Kamal Fahrulrazy bin Rahim ii. Mohd Khairul Ariff bin Noh iii. Nurul Aien binti Abd Aziz	Faculty of Business & Management UiTM Johor
73	Investors' Decision: Using Fundamental Analysis or Technical Analysis	i. Nadia Nurul Najwa binti Mohamad Hassan ii. Syamsyul bin Samsudin iii. Nik Nur Shafika binti Mustafa	Faculty of Business & Management UiTM Johor
74	Aku Pun Meminjam Embun	Nazhatulshima bt Nolan	Writers Write
75	Anak Ibu	Shamsatun Nahar binti Ahmad	FARABI GLOBAL RESOURCES
76	Lukiskan Aku Setia	Nazhatulshima bt Nolan	Morne Art Gallery
77	An Electronic Charity Organisations Performance Analysis (e-COPA): Analytical Review Evaluation Tools for Charities' Efficiency	Saunah binti Zainon	Penerbit Universiti Teknologi MARA (UiTM)
78	Prototyping and integrated ritual effectiveness accountability reporting system (i-REARs) for NPOs	Saunah binti Zainon	Penerbit Universiti Teknologi MARA (UiTM)
79	Using Social Networking Sites (SNS) to Screen Job Candidates: A Managerial Perspective	Kamel Taufiq bin Abdul Ghani	UiTM Cawangan Johor
80	Akulturas Seni Islam dan Budaya Cina	Syaimak binti Ismail @ Mat Yusoff	UiTM CAwangan Perak

PASIR GUDANG CAMPUS			
NO	TITLE	AUTHOR/S	PUBLISHER
1	RC Beams Strengthened with Near Surface Mounted Carbon Fiber Reinforced Polymer Plate at Short Term Saltwater Exposure	i. Mohd Hisbany bin Mohd Hashim ii. Azmi bin Ibrahim iii. Amiruddin bin Mishad iv. Mohammad Hazizi bin Jamal	SPRINGER
2	Spot Filtering Adaptive Thresholding (SFAT) Method for Early Pigment Spot Detection on Iris Surface	i. Mohamad Faizal bin Ab Jabal ii. Suhardi bin Hamid	SPRINGER
3	Development of a Fire-Retardant Door Made of Earth Materials	Ab Aziz bin Mohd Yusof	SPRINGER
4	Effect of Welding Parameters on Bead Dimension Using MIG Welding of EN 10025 Carbon Steel	Ab Aziz bin Mohd Yusof	SPRINGER
5	Development of Entry Mode Assessment Criteria (EMAC) Model for Malaysian Construction Companies to Sustain in International Operations	Norizzati binti Ibrahim	SPRINGER
6	Photodegradation of Biobased Oils Polymer Blended with High Density Polyethylene upon Ultraviolet Irradiation Exposure	NurulSaidatulSyida binti Sulong	SPRINGER

5.2 TYPES OF PUBLICATIONS

Table 5.2.1 Types of publications from UiTMCI

NO.	TYPES OF PUBLICATIONS	SEGAMAT CAMPUS	PASIR GUDANG CAMPUS	TOTAL
1.	Books	11	20	31
2.	Chapter in Books	80	6	86
3.	Indexed Journals	111	179	290
4.	Indexed Conference Proceedings	7	25	32
5.	General Publications	372	279	651

2022

Annual Report of Research, Industrial Linkages & Alumni Division

6. INDUSTRY AND COMMUNITY LINKAGES



SECTION 6 INDUSTRY AND COMMUNITY LINKAGES

6.0 INTRODUCTION

The Industry and Community Network (ICAN) is a unit under the Research, Industry Networking and Alumni Division (BPJI&A) UiTM Johor Branch. This unit plays a role, among others managing and establishing professional networking between the campus and the industry partners and communities.

In addition, the unit is responsible to look for opportunities and to enter a memorandum of understanding with the industry partners. Other than that, this unit is also responsible to establish harmonious relationships intertwined between the university and the industry.

ICAN is also responsible to strengthen the cooperation between academia and industry as well as the community with the goal of making UiTM as a Globally Renowned University in 2025.

6.1 INDUSTRIAL AND COMMUNITY ACTIVITIES

These activities were planned and conducted by several UiTM Johor Branch staff to collaborate with the industry and these activities were hoped to be able to create opportunities for UiTM and industry through related activities and the enhancement of knowledge and skills. It was intended that these activities would be able to open doors for UiTM and the industry to work together especially in the advancement of knowledge sharing.

Other than that, the activities and projects aided in fortifying links with the community and creating a more progressive society. Nearly 100 industrial and societal-related activities were reported in 2022. However, we plan to track and report on every activity that was carried out in the upcoming years.

Table 6.1.1 shows the list of industrial activities in 2022

UiTM Johor				
No	ACTIVITIES	DATE	VENUE	COLLABORATION/ SPONSOR
1.	Program Seminar Labur Saham bersama Asri Ahmad Academy (AAA)	8 Dec 2022	UiTM Cawangan Johor	Ahmad Asri Academy
2.	CGS-CIMB	5 July 2022	UiTM Cawangan Johor	CIMB
3.	Career Talk bersama SIDC	3 Nov 2022	WEBEX	SIDC
4.	Webinar Al-Mufid 2: Siri 1	8 Sep 2022	Online	
5.	Penyusutan Nilai Ringgit: Patutkah Kita Risau?	16 June 2022	Online	Diploma in Banking Association (DiBA) UiTM Cawangan Johor Kampus Segamat
6.	Program Hijrah Emas	1 Aug 2022	Surau al-Abidin Kampung Tengah Segamat, Johor.	pihak UiTM dan YaPEIM

UiTM Johor				
No	ACTIVITIES	DATE	VENUE	COLLABORATION/ SPONSOR
7.	(PI074) Lawatan Akademik di Hayrat Foundation, Turki	1 June 2022	Pejabat Persatuan Pelajar Antarabangsa, Hayrat, Istanbul	Hayrat Turkiye. Foundation
8.	(PI074) Mahasiswa Berbudhi, Komuniti Sejahtera (PI074)	1 July 2022	9 buah rumah asnaf di sekitar Pasir Gudang dan Johor Bahru	Hayrat Turkiye. Foundation
9.	(PI074) Kesukarelawan Mahasiswa Depani Krisis Global	1 June 2022	Online	Hayrat Turkiye. Foundation
10.	(PI077) The Development and Provider of Personal Program	7 Jan 2022	UiTM Cawangan Johor, Kampus Pasir Gudang	My Iskandar Sdn. Bhd. (MISB), a wholly-owned subsidiary of the IRDA
11.	Sesi Perkongsian oleh Para Pemenang Anugerah MeTIC 11/2022	29 June 2022	Online: WEBEX	
12.	Program Bual Bicara Bersama Pakar	23 June 2022	FB andn Youtube Live	Pejabat Daerah Kesihatan Segamat
13.	(PI020) MyRefinitive, EIKON	18 May 2022	Online	Refinitiv SINGAPORE
14.	(PI020) Virtual Entrepreneurship Innovation & Exhibition (MEIE) 2022	1 April 2022	Online	Program collaboration with MASMED UiTM CJ course lecturer ENT530 yang as fasilitator, Perpustakaan PTDI UiTM CJ, Majlis Perwakilan Pelajar (MPP) and Kelab Keusahawanan (ETC Club).
15.	(PI077) Projek Komuniti Bijak Pelaburan	2 Jan 2022	Negeri Johor	Kerajaan Negeri Johor
16.	(PI078) Ihya Kasih Ramadhan	1 April 2022	Masjid As-Syakirin UiTM Cawangan Johor, Kampus Segamat	MyFundAction
17.	(PI075) Dinar-Care	30 June 2022	UiTM and YaPEIM	YAPEIM
18.	(PI075) Program Hijrah Emas	1 July 2022	Surau Al Abidin, Kg.Tengah, Segamat	Surau Al Abidin, Kg.Tengah, Segamat
19.	(PI076) Melestarikan Kawasan Sungai (Kampung Sungai Daeng, Kampung Perigi Aceh)	1 Jan 2022	Sungar Oaeng A Case Study	Nexsol Malaysia Sdn Bhd

UiTM Johor				
No	ACTIVITIES	DATE	VENUE	COLLABORATION/ SPONSOR
20.	(PI020) WEBINAR BUSINESS START-UP WITH SSM	13 April 2022	Platform dalam talian	Suruhanjaya Syarikat Malaysia (SSM)
21.	(PI074) Industry Speaks CMO Media Lab Singapore	18 May 2022	online	CMO Media Lab Singapura dan 5 lagi syarikat
22.	(PI074) 2u1i Aktiviti bersama rakan MoA/MoU (Number of activities under MoA/MoU with int. industries)	1 March 2022	CMO Media Lab Singapore	CMO MEDIA LAB PTE LTD (SINGAPORE)
23.	(PI074) Training of Trainers (TOT)	1 Feb 2022	Online	CMO MEDIA LAB PTE LTD (SINGAPORE)
24.	(PI020) Pelajar Yang Menjalankan Latihan Industri	1 March 2022	Online	
25.	(PI020) Program Menonton Secara Langsung Melalui YouTube UiTM Channel Sempena Majlis Pelancaran Program Perantis Dan Menandatangani Memorandum Persefahaman (MoU) Antara UiTM Dengan McDonald's Malaysia	1 June 2022	PTDI 1, UiTM Cawangan Johor, Kampus Segamat	McDonalds Malaysia dan UiTM Shah Alam
26.	(PI020) Sesi perkongsian Web Of Science oleh Ms. Chng Dju-Lyn - Tenaga Pengajar Web Of Science	15 March 2022	Online	Regional Solutions Consultant
27.	(PI078) SPECIAL INTEREST GROUP (SIG) 2.0	13 March 2022	UiTM Cawangan Johor	Organisasi Pelbagai.
28.	(PI074) Seikhlas Kasih Ramadan (Iftar bersama pelajar asnaf dan warga emas) Rakan MoU Antarabangsa (PI074)	21 April 2022	Pusat Islam, UiTM Pasir Gudang	Hayrat Foundation Turkey (Rakan MOU)
29.	(PI075) 300 sukarelawan staf dan pelajar ke kawasan2 pasca banjir disekitar daerah Segamat	7 Jan 2022	kawasan pasca banjir disekitar Daerah Segamat	
30.	(PI075) Program Ziarah UiTM Dihatiku bersama Timbalan Menteri Pengajian Tinggi ke Kawasan Sg Balang 11 MAC 2022	6 March 2022	Kawasan Sg. Balang	KPT
31.	(PI075) Ziarah UiTM Dihatiku	17 Feb 2022	Parit Sulong, Batu Pahat Johor	
32.	(PI077 dan PI079) Biodiesel Contaminant Capture using Integrated Mobile Absorbent at Sungai Daeng, Johor (PI077)	1 Jan 2022	Sungai Daeng, Johor	Nexsol Malaysia Sdn Bhd

UiTM Johor				
No	ACTIVITIES	DATE	VENUE	COLLABORATION/ SPONSOR
33.	(PI020) Webinar: McDonalds 2022-Management Trainee Program	21 April 2022	Platform Webex	
34.	(PI078) Webinar: Merealisasikan Knowledge Transfer Programmes (KTP)	31 March 2022	online WEBEX	
35.	(PI020) Webinar Penyelidikan: An introduction to MyRefinitive and how to use its key features EIKON with Datastream	7 April 2022	Platform Webex	
36.	(PI020) Program Konsultasi Pengurusan Rekod dan Fail	1 March 2022	Webex	
37.	(PI020) Taklimat Kesedaran Keselamatan Perlindungan	16 March 2022	Webex	
38.	(PI020) Seminar Pemeraksanaan Model Minda Masjid Dinamik	21 March 2022	DK 200 UiTM Johor Kampus Pasir Gudang dan YouTube Live UiTM Johor	
39.	(PI020) Bengkel Canva Pro	3 March 2022	Menggunakan Aplikasi Webex	
40.	Majlis MoU bersama Web Impian Sdn Bhd	10 Jan 2022	Aras 6, Canselori, Tuanku Syed Sirajuddin Universiti Teknologi MARA Shah Alam Selangor	
41.	MoU Bagi Program BA 251 (Digital Marketing) Bagi Tujuan Latihan Industri (2U1i)	10 Jan 2022	UiTM Shah Alam	
42.	Majlis Menandatangani Memorandum Perjanjian Antara UiTM dan Klever Education	10 Jan 2022	Aras 6, Canselori, Tuanku Syed Sirajuddin Universiti Teknologi MARA Shah Alam Selangor	
43.	Majlis Menandatangani Memorandum Perjanjian Antara UiTM dan Syarikat Antarabangsa Singapura	10 Jan 2022	Aras 6, Canselori, Tuanku Syed Sirajuddin Universiti Teknologi MARA Shah Alam Selangor	CMO Media Lab Singapura

UiTM Johor				
No	ACTIVITIES	DATE	VENUE	COLLABORATION/ SPONSOR
44.	Majlis Menandatangani Memorandum Perjanjian Antara UiTM dan Bomstrart Media Sdn Bhd	10 Jan 2022	Aras 6, Canselori, Tuanku Syed Sirajuddin Universiti Teknologi MARA Shah Alam Selangor	
45.	Majlis Menandatangani Memorandum Perjanjian Antara UiTM dan Syarikat-Syarikat Bagi Program BA 251 (Digital Marketing) Bagi Tujuan Latihan Industri (2U1i)	10 Jan 2022	Aras 6, Canselori, Tuanku Syed Sirajuddin Universiti Teknologi MARA Shah Alam Selangor	UITM SHAH ALAM
46.	(PI020) Bengkel Training of Trainers (TOT) bagi 2U1i Program BA252	23 Feb 2022	Online	
47.	(PI020) Pembentangan Hasil Dapatan Lawatan Penyelidikan	27 March 2022	Bilik Gerakan Pejabat Daerah Tampin	
48.	(PI079) Pengutamaan Isu-isu dan Projek Solusi	25 March 2022	Daerah Tampin, Negeri Sembilan	Sekretariat: Malaysia CSO SDG Alliance (Persatuan Promosi Matlamat Pembangunan Lestari: PPM-023-14-07012020)
49.	(PI073 dan PI020) - Majlis Menandatangani MoA antara UiTM dan YaPEIM	6 Feb 2022	PTDI 1 UiTM Cawangan Johor Kampus Segamat	
50.	(PI020) Jom Kenali Majikan Anda	27 Jan 2022	WEBEX	
51.	(PI020) Lets Talk with an Expert: Scam Me if You Can	17 Jan 2022	Online	
52.	(PI020) Bengkel Citra Budaya	28 Jan 2022	Online	
53.	(PI020) Webinar eCommerce Blow Up	8 Jan 2022	Online	

Table 6.1.2 shows the list of community activities in 2022

No.	ACTIVITIES	LEADER	DATE
1	Projek "Sustainable Development Goals" (SDG) UiTM Cawangan Johor "SDG@UITMCJ".	Muhammad bin Majid	1 Aug - 30 Dec 2022
2	Program Khidmat Masyarakat bersama Orang Asli di Bekok, Segamat	Mohamad Zaim bin Ismail	13 Mar - 24 Sep 2022
3	DM&E (SIG)	Jaslin bt Md Dahlan	15 Feb 2021 - 14 Feb 2022

No.	ACTIVITIES	LEADER	DATE
4	Bengkel Latihan Pemantapan dan Pengukuhan Matematik Pengguna Tingkatan 3 dan UntuK Silibus KSSM	Maizura binti Md Isa @ Kamarudin	16 July 2022
5	Let's Have Fun!	Derwina binti Daud	16 Oct- 26 Nov 2022
6	Hijrah Emas	Mahasin binti Saja @ Mearaj	1 April - 31 Dec 2022
7	Community Cosmetology Mobile SPA 1.0 (CosMOS 1.0)	Azila binti Jaini	15 April - 31 Dec 2022
8	Program Inisiatif Usahasama UiTM Cawangan Johor & Pejabat Daerah Pontian dalam Memperkasakan Pendidikan di Kalangan Masyarakat Pontian.	Siti Nurul'Ain binti Zaiton	8 June 2022
9	iVSTEM@VOLUNTEERS STEM 3.0	Ahmad Khudzairi bin Khalid	9 August 2022
10	Komuniti Bijak Pelaburan (SIG)	Syamsul bin Samsudin	3 June - 3 July 2022
11	Program Kelas Tambahan Akademik PKAYIS 2022	Wan Nor Hafidzah binti Wan Mohd	1 Aug - 31 Dec 2022
12	Perunding Kepakaran Program Professional Diploma In Electrical & Electronics Technology (Phase 3)	Arni Munira binti Markom	7 Jan - 2 Apr 2022
13	Pembangun & Pelaksana Business Services Training Program (Management & ICT)	Arni Munira binti Markom	15 May - 14 July 2022
14	Kempen Cakna Banjir & Pengedaran Risalah Kepada Orang Awam.	Muhamad Fuad bin Shukor	18 June 2022
15	UiTM for Industry: Supervision Industrial Projects in Highly Marelli Sdn. Bhd.	Arni Munira binti Markom	1 Apr - 31 Aug 2022
16	Kempen UCS: Prihatin Syawal	Ruziah binti A. Latif	8 - 26 May 2022
17	SafetyNetz	Mazlyda bt Abd Rahman	15 Apr - 31 Dec 2022
18	Seminar Percukaian: Rancang Cukai Baru Tak Pokai	Mas Ervina binti Samsuddin	25 Sep 2022
19	Program Outreach Community: The Future Is In You	Nurulzulaiha binti Sa'udah @ Suhadak	23 July 2022
20	Ceramah Pengucapan Awam	Aminabibi binti Satanihpy @ Saidalvi	15 Aug 2022
21	Penyelidikan bersama pihak industri (Nexsol Malaysia Sdn. Bhd)	Mohammad bin Abdullah	1 Jan - 31 Dec 2022
22	How to Excel in Work Interview Workshop	Noriah binti Ismail	15 Apr - 31 Dec 2022
23	Memperkasa Ilmu Digital dan Teknologi Robotik di Kalangan Anak-anak B40	Arni Munira binti Markom	1 Oct 22 - 30 Sep 2023
24	Karnival STEM Kebangsaan 2022	Siti Nurul'Ain binti Zaiton	7 - 9 Nov 2022

6.2 MEMORANDUM OF UNDERSTANDING / AGREEMENT AND LETTER OF INTENT

ICAN is responsible to look for opportunities and to enter a memorandum of understanding with the industry partners. Hence, one of the strategies to create harmonic connections between the institution and the industry is to develop memorandums of understanding/agreement (MoU/MoA) with industry partners.

Additionally, it supports the community's efforts to strengthen partnerships with business and academics to elevate UiTM to the status of a globally renowned university by 2025. There were 42 memorandums signed in 2022, and more are anticipated to be signed in 2023, particularly with international partners.

Table 6.2.1 List of MoU/MoA/LoI UiTM CAWANGAN JOHOR (UNIVERSITY)

No	Faculty/Campus	Agency/Organisation	Type of Collaboration (MoU/LoI/MoA)	Signing Date	Project Leader
1.	UiTM JOHOR	Universitas Bhayangkara Jakarta Raya, Indonesia	MoU	11 January 2022	Oswald Timothy Edward
2.	UiTM JOHOR	Universitas Sebelas Maret	MoA	1 Sep 2022	PM Dr. Raja Adzrin Raja Ahmad
3.	UiTM JOHOR	Universitas Islam Negeri Alauddin Makassar	MoU	22 Sep 2022	Dr. Noridah Sain
4.	UiTM JOHOR	Perbanas Institute	MoU	29 Aug 2022	Dr. Rosmawati Haron @ Harun
4.	UiTM JOHOR	Chang Jung Christian University	MoU	4 Oct 2022	Dr. Norshahniza Sahari
5.	UiTM JOHOR	Indonesia Banking School	MoU	26 Oct 2022	En. Husnizam Hosin

Table 6.2.2 List of MoU/MoA/LoI UiTM CAWANGAN JOHOR (INDUSTRY)

Bil.	Faculty/ Campus	Agency/ Organisation	Type of Collaboration (MoU/LoI/MoA)	Signing Date	End Date	Project Leader
1.	UiTM JOHOR	OS Startup Sdn Bhd	MoU	10 Jan 2022	9 Jan 2025	Jaslin Md. Dahlan / Dr. Muhamma d Majid
2.	UiTM JOHOR	Klever Education	MoU	10 Jan2022	9 Jan 2025	Jaslin Md. Dahlan / Dr. Muhamma d Majid
3.	UiTM JOHOR	Bomstart Media Sdn Bhd	MoU	10 Jan2022	9 Jan 2025	Jaslin Md. Dahlan / Dr. Muhamma d Majid
4.	UiTM JOHOR	Adverto Group Sdn Bhd	MoU	10 Jan 2022	9 Jan 2025	Jaslin Md. Dahlan / Dr. Muhamma d Majid
5.	UiTM JOHOR	CMO Media Lab Pte Ltd	MoU	10 Jan 2022	9 Jan 2025	Jaslin Md. Dahlan / Dr. Muhamma d Majid
6.	UiTM JOHOR	Yayasan Pembangunan Ekonomi Islam Malaysia (YaPEIM)	MoA	6 Feb 2022	5 Feb 2025	Dr. Nurul Badriyah Ali
7.	UiTM JOHOR	Highly Marelli (Malaysia) Sdn Bhd	MoU	24 Feb 2022	23 Feb 2024	Ts. Dr. Arni Munira Markom
8.	UiTM JOHOR	Doreme Synergy Sdn Bhd	MoU	2 June 2022	1 June 2025	Jaslin Md. Dahlan / Dr. Muhamma d Majid
9.	UiTM JOHOR	LIGHT UP 7 Sdn Bhd	MoU	2 June 2022	1 June 2025	Jaslin Md. Dahlan / Dr. Muhamma d Majid
10.	UiTM JOHOR	LUNAWORKS ALLIANCE PLT	MoU	2 June 2022	1 June 2025	
11.	UiTM JOHOR	Golden Ara Group Sdn Bhd	MoU	2 June 2022	1 June 2025	Jaslin Md. Dahlan / Dr. Muhamma d Majid

Bil.	Faculty/ Campus	Agency/ Organisation	Type of Collaboration (MoU/Lol/MoA)	Signing Date	End Date	Project Leader
12.	UiTM JOHOR	Ethis Ventures Sdn Bhd	MoU	2 June 2022	1 June 2027	Dr. Wan Amir Azlan Wan Haniff
13.	UiTM JOHOR	AMR ENVIRONMENTAL SDN BHD	MoU	9 June 2022	8 June 2025	Mohd Hanafie Yasin
14.	UiTM JOHOR	Holistics Lab Sdn Bhd	MoU	19 Sep 2022	18 Sep 2025	Ts. Zahari Abu Bakar
15.	UiTM JOHOR	Jalen Sdn Bhd	MoA	15 Dec 2021	14 Dec 2024	Ts. Dr. Mohamad Farid Misnan
16.	UiTM JOHOR	Juah Corporation Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Fatihah Shaari
17.	UiTM JOHOR	Kode Digital Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Fatihah Shaari
18.	UiTM JOHOR	Kuala Lumpur International Language Centre Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Fatihah Shaari
19.	UiTM JOHOR	Srider Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Puan Siti Farrah Shahwir
20.	UiTM JOHOR	Platinum Setup Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Puan Siti Farrah Shahwir
21.	UiTM JOHOR	Faisha International Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Rifhan A. Rahim
22.	UiTM JOHOR	Exaira Global (M) Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Rifhan A. Rahim
23.	UiTM JOHOR	SHRF Food Industries Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Nor Azairiah Fatimah Othman
24.	UiTM JOHOR	Digital Symphony Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Puan Farizah Mamat
25.	UiTM JOHOR	Lovaloq Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Puan Farizah Mamat
26.	UiTM JOHOR	SYNDES Technologies Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Puan Farizah Mamat

Bil.	Faculty/ Campus	Agency/ Organisation	Type of Collaboration (MoU/Lol/MoA)	Signing Date	End Date	Project Leader
27.	UiTM JOHOR	Khaiz Empire	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Amalina Aziz
28.	UiTM JOHOR	MOV Group Berhad	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Amalina Aziz
29.	UiTM JOHOR	iTrain (M) Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Amalina Aziz
30.	UiTM JOHOR	Khalifah Media Networks (M) Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Amalina Aziz
31.	UiTM JOHOR	Zafesha Network & Marketing Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Mohamma d Faizal Ramli
32.	UiTM JOHOR	Arthos Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Mohamma d Faizal Ramli
33.	UiTM JOHOR	D Bumijaya	MoU	14 Oct 2022	13 Oct 2025	Dr. Mohamma d Faizal Ramli
34.	UiTM JOHOR	Goldmind Evolution Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Amalina Aziz
35.	UiTM JOHOR	Heybro MCN Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Dr. Nur Amalina Aziz
36.	UiTM JOHOR	INFLUASIA SDN BHD	MoU	14 Oct 2022	13 Oct 2025	Jaslin Md. Dahlan / Dr. Muhamma d Majid
37.	UiTM JOHOR	Amanz Media Sdn Bhd	MoU	14 Oct 2022	13 Oct 2025	Jaslin Md. Dahlan / Dr. Muhamma d Majid

2022

Annual Report of Research, Industrial Linkages & Alumni Division

7. ALUMNI



SECTION 7 ALUMNI

7.0 INTRODUCTION

Every year, UiTM CJ produces a large number of graduates. The graduates are automatically registered as alumni of UiTM CJ. The graduates' academic data are being stored in a system known as e-Alumni. This system allows graduates to access, view and update their information especially related to their current occupations

7.1 STATISTIC ON GRADUATES EMPLOYABILITY

The Alumni Unit is also concerned about graduate's employability. Therefore, the data of employability is always under their attention. Table 7.1.1 shows the data of graduate's employability for Segamat and Pasir Gudang Campuses for the year 2019 to 2021, Diploma Programmed.

Table 7.1.1 shows the percentage of graduate employability for Diploma Programmes from 2019 to 2021 - 93.6% (2019), 94.4% (2020) and 88.9% (2021). The percentage of graduate employability had increased by 0.8% from 2019 to 2020 but dropped by 5.6% in the following year (2021). Despite an increase in percentage of employed graduates, the decrease in the overall graduate's employability is contributed by the lower percentage of those who further their study. UiTM CJ has taken several efforts in order to structure the relevant curriculum (academic and non-academic) to ensure most students are employed after they graduate.

Table 7.1.1 Graduate employability for Segamat and Pasir Gudang Campuses in 2022 (Diploma Programme)

Level	Year	Faculty	Employed		Further Study		Unemployed		Respondent	GE
			Bil	%	Bil	%	Bil	%		
Diploma	2019	Engineering	168	17.3	756	77.8	48	4.9	972	95.1
		Business Management	125	26.5	305	64.6	42	8.9	472	91.1
		Accountancy	28	15.0	149	79.7	10	5.3	187	94.7
		KKPIM	47	14.1	261	78.4	25	7.5	333	92.5
		FIM	38	31.7	74	61.7	8	6.7	120	93.3
			406	19.5	1545	74.1	133	6.4	2084	93.6
	2020	Engineering	111	17.8	489	78.5	23	3.692	623	96.3
		Business Management	88	21.4	294	71.5	29	7.056	411	92.9
		Accountancy	37	12.9	230	80.1	20	6.969	287	93.0
		KKPIM	48	14.4	275	82.3	11	3.293	334	96.7
		FIM	15	20.5	45	61.6	13	17.81	73	82.2
			299	17.3	1333	77.1	96	5.6	1728	94.4

Level	Year	Faculty	Employed		Further Study		Unemployed		Respondent	GE
			Bil	%	Bil	%	Bil	%		
Diploma	2021	Engineering	63	16.4	295	77.0	25	6.5	383	93.5
		Business Management	35	22.0	102	64.2	22	13.8	159	86.2
		Accountancy	21	35.6	34	57.6	4	6.8	59	93.2
		KKPIM	26	28.9	44	48.9	20	22.2	90	77.8
		FIM	13	34.2	15	39.5	10	26.3	38	73.7
			158	21.7	490	67.2	81	11.1	729	88.9

Table 7.1.2 shows the percentage of graduate employability for Degree programmes within 3 years - 83.8% (2019), 79.4% (2020) and 82.5% (2021). The percentage of graduate employability decreased by 4.4% from 2019 to 2020 but increased by 3.1% from 2020 to 2021. The percentage of graduate employability in 2020 is contributed by the decrease in two categories - employed graduates and graduates who further study. This is due to the declining economy. Nonetheless, the statistics improved in 2021 with the increase in employment graduates and the lower percentage of unemployment. This is an indicator to prove that UiTM CJ has taken several efforts in order to structure the relevant curriculum (academic and non-academic) to ensure most students are employed after they graduate.




Table 7.1.2 Graduate employability for Segamat and Pasir Gudang Campuses in 2022 (Degree Program)



Level	Year	Faculty	Employed		Further Study		Unemployed		Respondent	GE
			Bil	%	Bil	%	Bil	%		
Degree	2019	Business Management	431	81.6	12	2.3	85	16.1	528	83.9
		Information Management	32	80.0	1	2.5	7	17.5	40	82.5
			463	81.5	13	2.3	92	16.2	568	83.8
	2020	Business Management	255	78.5	8	2.5	62	19.1	325	80.9
		Information Management	38	70.4	0	0.0	16	29.6	54	70.4
			293	77.3	8	2.1	78	20.6	379	79.4
	2021	Business Management	211	81.2	5	1.9	44	16.9	260	83.1
		Information Management	19	73.1	1	3.8	6	23.1	26	76.9
			230	80.4	6	2.1	50	17.5	286	82.5

7.2 ALUMNI ACTIVITIES

The Alumni Unit has organized several activities such as workshops, talks and gatherings as shown in table 7.2.1. A strong bond between alumni and UiTM CJ is the main objective for each event to create a self-belonging to UiTM.

Table 7.2.1 List of activities conducted by Alumni Unit UiTM CJ, Segamat Campus

No.	ALUMNI ACTIVITIES (DATE / VENUE/COLLABORATION/SPONSOR/LEVEL)
1.	<p style="text-align: center;">ALUMNI PRIHATIN: INFAQ KASIH ALUMNI 2022 6 APRIL 2022 (WEDNESDAY) UiTM JOHOR</p> <ul style="list-style-type: none"> The purpose of this program was to distribute 365 food packs to the students in UiTM Johor, Segamat Campus. Included in the food pack are instant noodles, bread, premix drink and dry food for Ramadan. The fund received from the alumni was in terms of the money collected which was around RM3,000.00 <div style="display: flex; justify-content: space-around;">   </div> 

No.	ALUMNI ACTIVITIES (DATE / VENUE/COLLABORATION/SPONSOR/LEVEL)
2	<p align="center">ALUMNI PRIHATIN: KELANGSUNGAN MAHASISWA KEUTAMAAN ALUMNI 30 JUNE 2022 (THURSDAY) UiTM JOHOR</p> <ul style="list-style-type: none"> The purpose of this program was to distribute the fund to students in the 'asnaf' category. The list of 'asnaf' students was provided by Unit Zakat, UiTM CJ. The 20 students listed were from degree (10) and diploma (10) programmes. The fund contributed by the alumni amounted to RM7,000.00 The food for the 60 participants in this event was also provided by the alumni. 
3.	<p align="center">BICARA ILMU BERSAMA ALUMNI UiTM CAWANGAN JOHOR KAMPUS SEGAMAT 13 JANUARY 2022 FACEBOOK, YOUTUBE</p> <ul style="list-style-type: none"> This program was organised by the Faculty of Information Management in collaboration with Perpustakaan Tun Doktor Ismail (PTDI). The purpose was to share their experience about campus life to the students. The invited speaker was an alumnus of UiTM CJ. 






No.	ALUMNI ACTIVITIES (DATE / VENUE/COLLABORATION/SPONSOR/LEVEL)
4.	<p style="text-align: center;">ALUMNI TALK: FASA BARU KEHIDUPAN 22 MAY 2022 ONLINE PLATFORM: CISCO WEBEX</p> <ul style="list-style-type: none"> • This program was organised by the Alumni Unit with alumni who have had successful careers. • The purpose was to share their experience about campus life to the students. It was also to help students be mentally and emotionally prepared to handle challenging experiences during their study. • The speaker invited was an alumna of UiTM CJ. • The program was attended by more than 800 students. 
5.	<p style="text-align: center;">WEBINAR EKONOMI: PENYUSUTAN NILAI WANG RINGGIT. PATUTKAH KITA RISAU? 16 JUN 2022 ONLINE PLATFORM: GOOGLE MEET</p> <ul style="list-style-type: none"> • This program was organised by the Faculty of Business and Management • The purpose was to share the situations related to the Malaysian currency. • The speaker invited was an alumnus of UiTM CJ. • The program was attended by more than 200 students. 

Table 7.2.2 List of activities conducted by Alumni Unit UiTM CJ, Pasir Gudang Campus

No.	ALUMNI ACTIVITIES (DATE / VENUE/COLLABORATION/SPONSOR/LEVEL)
1.	<p>MEMORANDUM OF UNDERSTANDING (MoU) UiTM CAWANGAN JOHOR AND HOLISTICS LAB SDN. BHD 19 SEPTEMBER 2022 HOLISTICS LAB SDN.BHD., NUSAJAYA, JOHOR</p> <ul style="list-style-type: none"> The objectives of this MoU are: <ul style="list-style-type: none"> a) Cooperation in carrying out academic-related activities at graduate and postgraduate levels. b) Provision of practical skills training programs at Holistics Lab Sdn Bhd for UiTM students and staff. c) The exchange of information related to the development of education, teaching, student development and research innovation and commercialization. d) Publish information and activities of university partners under the Memorandum of Understanding on the parties' websites. Cooperation in any other field as agreed by the parties from time to time 

No.	ALUMNI ACTIVITIES (DATE / VENUE/COLLABORATION/SPONSOR/LEVEL)
2.	<p style="text-align: center;">INFAQ RAMADAN KAREEM : EDARAN BUBUR LAMBUK 16 APRIL 2022 (SATURDAY) MASJID AL-ASMAUL HUSNA, BANDAR UDA UTAMA, JOHOR BAHRU</p> <ul style="list-style-type: none"> • Preparation of bubur lambuk by UiTM Cawangan Johor Alumni and UiTM Cawangan Johor Kampus Pasir Gudang Alumni Committee at Masjid Al-Asmaul Husna, Bandar Utama Uda, Johor Bahru. • Delivery of 150 containers of bubur lambuk to students of UiTM Cawangan Johor Kampus Pasir Gudang. <div style="display: flex; justify-content: space-around;">   </div> 

No.	ALUMNI ACTIVITIES (DATE / VENUE/COLLABORATION/SPONSOR/LEVEL)
3.	<p style="text-align: center;">MEC322 WEBINAR TALK: IR 4.0 IN OIL AND GAS INDUSTRY 09 JUNE 2022 (Thursday) ONLINE: WEBEX</p> <ul style="list-style-type: none"> • Giving exposure to students about Industry Revolution 4.0 (IR 4.0) in the oil and gas industry. • Giving students the opportunity to interact directly with industry representatives regarding IR 4.0 in the oil and gas industry. 

No.	ALUMNI ACTIVITIES (DATE / VENUE/COLLABORATION/SPONSOR/LEVEL)
4.	<p>WEBINAR : GEOLOGICAL ENGINEERING FOR SUSTAINABLE USE OF EARTH'S RESOURCES 7 JULY 2022 (THURSDAY) ONLINE : MICROSOFT'S TEAMS</p> <ul style="list-style-type: none"> • Giving exposure to students about Geological Engineering for the sustainable use of earth's resources. • Giving students the opportunity to interact directly with industry representatives (Alumni) regarding Geological Engineering.  <p>The poster features a scenic background of a coastal town and a steep cliff. A circular inset shows a man in a suit. Text on the poster includes the title, speaker information, date, time, medium, and a URL. Logos for Universiti Teknologi MARA and the organizing group are at the bottom.</p>

No.	ALUMNI ACTIVITIES (DATE / VENUE/COLLABORATION/SPONSOR/LEVEL)
5.	<p style="text-align: center;"> LAW OF SUCCESS AT PKE 2022 12 NOVEMBER 2022 Law of Success at PKE 2022 12 November 2022 (Saturday) Pusat Islam UiTM Cawangan Johor Kampus Pasir Gudang </p> <ul style="list-style-type: none"> This forum is a face-to-face forum with PKE Alumni and outstanding students that emphasized the aspects of time management as students who have just entered adulthood as well as preparations before exploring the challenging world of work.  

2022

Annual Report of Research, Industrial Linkages & Alumni Division

8. MASMED



SECTION 8 MASMED

8.0 INTRODUCTION

MASMED is an important unit in generating the entrepreneurship culture among students of UiTM CJ. A lot of activities and programmes were conducted where the involvement of the stakeholders helped to instill interest in entrepreneurship among the students and staff of UiTM CJ.

8.1 PROGRAMMES AND ACTIVITIES

Table 8.1.1 summarises the activities and programmes conducted by MASMED UiTM CJ Segamat and Pasir Gudang campuses respectively. A total of 24 activities from Segamat Campus and 9 activities from Pasir Gudang Campus were done at university, national and international levels. These activities showcased the endless efforts undertaken by this unit to achieve its main goal which is to develop entrepreneurial graduates.

MASMED had planned a lot of programs and activities throughout the year of 2022. Even though we are in an endemic phase, MASMED is still committed to providing the best entrepreneurship programme to staff and students. The implementations of programs are still in both offline and online methods. Yet, we managed to complete some of the programmes and activities with the collaboration from inside and outside of UiTM CJ such as Unit Kokurikulum, MASMED UiTM, FAMA, LPNM, Jabatan Pertanian Johor and others.

Table 8.1.1 List of programmes conducted by MASMED UiTM CJ

SEGAMAT CAMPUS					
NO	ACTIVITIES	DATE	VENUE	COLLABORATION/SPONSOR	LEVEL
1.	University to Community	11-14 January 2022	Universiti Pendidikan Sultan Idris	MASMED UiTM	National
2.	Anugerah Projek Keusahawanan Terbaik	8-10 February 2022	Corus Paradise Resort, Port Dickson	UiTM CJ Segamat Campus	Campus
3.	Publication of 2 ACE Module 2022	28 February 2022	-	UiTM Cawangan Johor	UiTM
4.	Perbincangan Projek Kolaborasi Toko Kopi Bersama He & She Coffee Sdn. Bhd.	20 February 2022	Bilik Mesyuarat Utama	He & She Coffee Sdn. Bhd.	UiTM
5.	Penanaman Cili Fertigasi Musim Ke-2	29 October 2021 - 1 Mac 2022	Tapak Penanaman Cili UiTM CJ	FAMA, Jabatan Pertanian Johor, MASMED UiTM, Kelab MyAgrosis	National

SEGAMAT CAMPUS					
NO	ACTIVITIES	DATE	VENUE	COLLABORATION/SPONSOR	LEVEL
6.	Jualan Jus dan Buah Nana's	6 Mac 2022	Speaker's Corner	-	UiTM
7.	Unitour Jelajah Mutyara	19 May 2022	Dewan Sri Temenggong, UiTM CJ	Mutyara Beauty	National
8.	MASMED Virtual Entrepreneurship Innovation and Exhibition (MEIE) 2022	16-28 May 2022	Youutube UiTM Johor	-	UiTM
9.	Jualan Jus dan Buah Nana's	9 June 2022	Speaker's Corner	-	UiTM
10.	Seminar Keusahawanan Nanas Wanita Negeri Johor	26 June 2022	Frazer Place, Puteri Harbour	LPNM Negeri Johor	National
11.	Whatsapp for Business 101 & 102 Siri I	1&2 July 2022	Google Meet / Whatsapp	Institut keusahawanan Negara (INSKEN)	National
12.	Bengkel Pemerkasaan Usahawan Hiliran LADA Siri 2 2022	Siri 1: 26 Julai 2022 Siri 2: 27 Julai 2022	Hotel New York, JB	LADA	National
13.	7th Paradigma Johor Magazine Publication	14 July 2022	UiTM CJ website	-	UiTM
14.	Whatsapp for Business 101 & 102 Siri II	12&13 August 2022	Google Meet / Whatsapp	Institut keusahawanan Negara (INSKEN)	National
15.	Perkongsian Ilmu keusahawanan Bersama Komuniti Desa E-Kaseh	18 August 2022	Londah Negeri Sembilan	Persatuan Promosi Matlamat Pembangunan Lestari	Community
16.	Projek Mobiliti Spa & Sauna UiTM Cawangan Johor	September 2022	Pusat Inkubator Spa & Sauna UiTM CJ	Yayasan Pelajaran Johor Funded	National
17.	Jualan Jus dan Buah Nana's	21 September 2022	Speaker's Corner	-	UiTM

SEGAMAT CAMPUS					
NO	ACTIVITIES	DATE	VENUE	COLLABORATION/SP ONSOR	LEVEL
18.	Bizbox for rent!	Throughout one semester starting October 2022	Block U,C,I,SL and BK	-	UiTM
19.	Sesi perkongsian Bersama Komuniti Kampung Bangkahulu	19 October 2022	Londah Negeri Sembilan	Persatuan Promosi Matlamat Pembangunan Lestari	Community
20.	Pameran Karnival Keusahawanan SMK Tinggi Segamat	30 October 2022	SMK Tinggi Segamat	SMK Tinggi Segamat	National
21.	SUGARBOMB Entrepreneurship Challenge	1 November 2022 - 31 January 2023	UiTMCI	SUGARBOMB Worldwide	National
22.	8th Paradigma Johor Magazine Publication	6 December 2022	UiTMCI website	-	UiTM
23.	Mini Keusahawanan Kemusa, Kembara Usahawan HPD235	13 December 2022	Speaker's Corner	Students from HPD118 & HPD235	UiTM
24.	Kursus Pembangunan Usahawan ACE	27&28 December 2022	A' Famosa Resort	MASMED UiTM	UiTM

PASIR GUDANG CAMPUS					
NO	ACTIVITIES	DATE	VENUE	COLLABORATION/SP ONSOR	LEVEL
1	Program Virtual Run 1.0	1 Nov 2021 - 30 Jan 2022	Atas Talian	-	National
2	Business Startup with SSM	23 April 2022	Atas talian	SSM Johor Bahru	University
3	Sell Your Idea!	12 Jun 2022	Aras 1 PTDI	-	University
4	Product Pitching Day	26 Mei 2022	Ruang Legar PTDI/FKK	-	University
5	E-buletin masmed	9 Mei 2022	https://online.fliphtml5.com/ijmns/elig/#p=1	-	National

PASIR GUDANG CAMPUS					
NO	ACTIVITIES	DATE	VENUE	COLLABORATION/SPONSOR	LEVEL
6	Taklimat MASMED kepada pelajar baharu Sesi 2022/2023	5 October 2022	Aras 1 PTDI	MDS UiTM Johor Kampus Pasir Gudang	University
7	BUSINESS ENTREPRENEURSHIP CASE STUDY CHALLENGE 2022	19 October – 2 November 2022	Atas talian	Universiti Malaysia Kelantan, KPT	National
8	Program DO GOOD CHALLENGE	18 December 2022	Aras 1 PTDI	GOOD VIRTUES CO	National
9.	Enterpreneurship Week Campaign 5.0	4-8 December 2022	Ruang legar FKK	Unit Ko-K keusahawanan	University

2022

Annual Report of Research, Industrial Linkages & Alumni Division

9. AWARDS AND ACHIEVEMENTS

SECTION 9 AWARDS AND ACHIEVEMENTS

9.0 INTRODUCTION

In this section, the awards and achievements accomplished by UiTM CJ, either by individuals, groups or the institution itself, are listed for the year 2022. The achievements include successful events organised by UiTM CJ and the recognitions recorded under Research, Industrial Linkages and Alumni (PJI&A) Division through its units, Research, Consultancy, Innovation, Publication, Industry and Community Linkage, Alumni and MASMED. These achievements are not only considered as the recognition of the efforts but also to prove the capability of UiTM CJ. It also helps to increase the visibility of this institution among local and international communities, besides serving as a mechanism to increase the Malaysia Research Assessments (MyRA) score for UiTM CJ.

9.1 7TH INTERNATIONAL ACCOUNTING & BUSINESS CONFERENCE (IABC) 2022

From September 8 to 10 2022, UiTM CJ collaborated with the Johor State Government, Perbanas Institute, Universitas Bhayangkara and Indonesia Banking School to organise the 7th International Accounting & Business Conference (IABC) 2022 as a platform for sharing and communicating the current practices within the ambit of Islamic Finance, Finance and Economics, Accounting, Management and Marketing, as well as Information Science. This conference aimed to create a unique opportunity for practitioners, researchers, academicians and policy makers to collaborate within the fields of accounting and business and to come together in an interchange of knowledge and ideas. Apart from that, this conference also provided an outlet for high quality refereed research to be published as a recognition of their achievements.

This conference is the first IABC conducted virtually. 63 academic papers were presented online through Webex, in four parallel sessions. The opening ceremony was officiated by Profesor Datuk Ts. Dr. Hajah Roziah Mohd Janor, Vice Chancellor of UiTM. The keynote speaker was Mr. Mohd Suhaimi Abdul Hamid, the CEO of Standard Chartered Saadiq Malaysia who talked about the symbiotic collaboration between academics and the industry towards the commercialization of accounting and business synergy. The accepted papers for IABC 2022 will be published in Insight Journal UiTM CJ, while selected high-quality papers will be recommended for publication in SCOPUS/ERA journals. Overall, the event was a great success in bringing together both the academia and the industry, contributing to the effort of narrowing the gap for and moving forward towards successful collaborations.



Figure 9.1.1 7th International Accounting & Business Conference 2022 (7th IABC 2022)



Figure 9.1.2 7th IABC 2022 Program Book

9.2 5TH DIGITALISED INTERNATIONAL INVENTION, INNOVATION & DESIGN (DIID) JOHOR 2022

The 5th Digitalised International Invention, Innovation & Design (DIID) Johor 2022 is the latest milestone in this series of exhibition incorporating digital online features, which has been organised by UiTM CJ since 2018. This year's exhibition was conducted in collaboration with the Johor State Government, Universitas Lampung, Universitas Negeri Padang and UNIKL MITEC. The theme of this exhibition is 'Promoting Sustainability Through Innovation' with the aim to promote a culture of innovation and creativity in addition to providing knowledge, expertise, research development and innovations through linkages and collaboration with the industries to achieve accreditation from an innovative cultural environment. This theme was chosen for its ties with the advancement of the fourth Industrial Revolution (IR 4.0) through digitalisation as well as with the increased efforts by the Johor State Government to establish itself as the premier tech investment and start-up cluster in Malaysia.

The exhibition began from February 20 until July 20 2022 with a total of 182 projects. The projects revolve around issues encompassing the fields of Social Science and Science and Technology. Participants were from local and international universities, government agencies, primary and secondary schools. Three categories were offered to the participants, which are invention, innovation and design. The participants were not only given the chance to grab gold, silver and bronze medals, but also Best of the Best award and Merit of Distinction Award which comes with a cash prize of RM 5,000.00. In addition, the participants have the opportunity to publish their project articles in the Malaysian Journal of Industrial Technology (MJIT) and Journal of Tourism, Hospitality and Environment Management (JTHEM).

Table 9.1.1 List of 5th Digitalised International Invention, Innovation and Design Johor 2022 (DIID Johor 2022) UiTM CJ Winners

SEGAMAT CAMPUS				
NO.	LEADER	GROUP MEMBERS	PROJECT TITLE	AWARD
1.	Nur Amalina Aziz	<ul style="list-style-type: none"> Ahmad Syahmi Ahmad Fadzil Nur Fatimah Shaari Nor Hidayah Hassim Muhammad Zulqarnain Hakim Abd Jalal 	SMART - STRATA	Gold
2.	Nur Rifhan A. Rahim	<ul style="list-style-type: none"> Zarith Sofia Jasmi Nur Hanisah Mohamad Razali Siti Noorhaslina Halim Hafizuddin Md Dali 	Nasal Care Face Mask	Gold
3.	Muhammad Zulqarnain Hakim Abd Jalal	<ul style="list-style-type: none"> Nur Fatimah Shaari Ahmad Syahmi Ahmad Fadzil Nor Hidayah Hassim Nur Amalina Aziz 	Smart Lac: Viable Learning System	Silver
4.	Noreen Noor Abd Aziz	<ul style="list-style-type: none"> Nurul Aien Abd Aziz Shaherah Abdul Malik Rusnani Mohamad Khalid Mohamad Hafizan Musa 	Teaching on the Go	Silver
5.	Zanariah Abdul Rahman	<ul style="list-style-type: none"> Syaidatul Zarina Mat Din Zaira Mohd Nor Akmal Aini Othman 	Enhancing Students' Engagement via Online Webinar	Bronze

PASIR GUDANG CAMPUS				
NO.	LEADER	GROUP MEMBERS	PROJECT TITLE	AWARD
1.	Siti Hajar Anaziah Muhamad	<ul style="list-style-type: none"> ● Salmi Nur Ain Sanusi ● Sharifah Iziuna Sayed Jamaludin ● Nor Ain Abu Samah 	SludoFe – From Waste to Life	Gold
2.	Nur Farhana Mohd Yusof	<ul style="list-style-type: none"> ● Haikal Mustafa ● Norin Hafizah Rahim ● Nurul Hazwani Hanib ● Siti Farhanah Alfashni 	Observation of PSF Loading Effect on Double Layer Substrate Through SEM Imaging	Gold
3.	Aqib Fawwaz Mohd Amidon	<ul style="list-style-type: none"> ● Siti Mariatul Hazwa Mohd Huzir ● Zakiah Mohd Yusoff ● Nurlaila Ismail ● Mohd Nasir Taib 	KNN Algorithm: The Best Classification Model for The Diversity of Aquilaria Malaccensis Oil Qualities	Gold
4.	Muhammad Aqil Fahmy Reduan	<ul style="list-style-type: none"> ● Hazriel Faizal Pahraraji 	Design and Fabrication of Automatic Flour Filter	Gold
5.	Azyan Zafyrah Mohd Zahid	<ul style="list-style-type: none"> ● Nadia Zalikha Sifullizam ● Siti Farahin Kamaruddin ● Wan Syarizawani Wan Chik 	Non-load Eco- concrete Brick Wall	Silver
6.	Amir Hassan Shamsul Ezam	<ul style="list-style-type: none"> ● Hazriel Faizal Pahraraji 	Design and Fabrication of 3- in-1 Foldable Hand Trolley	Silver
7.	Muaz Azimmudin	<ul style="list-style-type: none"> ● Hazriel Faizal Pahraraji 	Semi-automated Clothes Wringer	Silver
8.	Haziq Syakir Ismail	<ul style="list-style-type: none"> ● Hazriel Faizal Pahraraji 	Automatic Whiteboard Cleaner	Silver
9.	Mohamad Asyraf Zainall	<ul style="list-style-type: none"> ● Hazriel Faizal Pahraraji 	Design and Fabrication of Hydraulic Pipe Bending Machine	Silver
10.	Siti Fairuz Sujak	<ul style="list-style-type: none"> ● Rohaya Sulaiman ● Siti Noor Ain Aziz ● Suzilla Jamari ● Siti Nurmaisarah Fkhururazi 	Visual Report Writing Assignment	Silver
11.	Mohd Rilizam Rosli	<ul style="list-style-type: none"> ● Mohd Ali Muhammad Don ● Mohd Farhan Ahmad ● Mohd Shukri Mohd Senin ● Noraishah P. Othman 	E-book Panduan Pemulihan Remaja Hamil Luar Nikah	Silver
12.	Suhana Sulaiman	<ul style="list-style-type: none"> ● Kartini Mohammad ● Azimah Daud ● Zaimy Johana Johan ● Razieman Mohd Yusoff 	School Bus Booking Application for Android - BBAaps	Bronze

PASIR GUDANG CAMPUS				
NO.	LEADER	GROUP MEMBERS	PROJECT TITLE	AWARD
13.	Kamariah Md Isa	<ul style="list-style-type: none"> Nurulnatisya Ahmad Nur Kamarliah Kamardin Muhamad Faris Syafiq Khalid Ros Atikah Abdul Kadir 	Computational Fluid Dynamics Model of Malaysian Coal Gasification for Prediction of Syngas Output	Bronze
14.	Muhammad Haziq Md Fauzi	<ul style="list-style-type: none"> Hazriel Faizal Pahraraji 	Design, Fabricate and Analysis Semi Auto Tart Printer Machines	Bronze



5th DIGITALISED INTERNATIONAL INVENTION, INNOVATION AND DESIGN JOHOR 2022

UITM CAWANGAN JOHOR PROUDLY PRESENTS

Promoting Sustainability Through Innovation

Competition Period
20 February - 20 July 2022

Announcement of Winners
01 September 2022

Award Ceremony
22 September 2022

Prizes & Cash up to
RM5,000
to be won

COME & JOIN US!

Category & Fee (Local / International)

Category	Local Fee	International Fee
Local	RM500	RM500
Local	RM500	RM500
Local	RM350	RM350
Local	RM350	RM350
Local	FREE	RM3000
Local	RM3000	RM3000

Contact Information:

+607-3580000 (Office)
diid2022@gmail.com
https://idjohor.bajauitmcj.com/
https://www.instagram.com/idjohor/
https://www.facebook.com/diijohor2022

+60735809070 (Juliana)
+6073240627 (Nur Muazzah)
+6073412389 (Nur Zaidan)
+607396246 (Noor Hafizah)

Figure 9.2.1 5th Digitalised International Invention, Innovation and Design Johor 2022 (5th DIIID Johor 2022)



Figure 9.2.2 5th DIID Johor 2022 Program Book

9.3 WRITINGS & PUBLICATIONS

The PJI&A Division of UiTMCI is also active in publishing informatics digital bulletins, magazines and journals as a platform to report news of on-going activities and to encourage UiTMCI lecturers to participate in publication. This continuous effort has succeeded in increasing the number of academic and non-academic publications, especially in the category of ‘Other Publications’.

Table 9.3.1 List of Writings and Publications Published by PJI&A Division

No.	Publication	Article (No.)	Date
1.	<i>Buletin MASMED Edisi Kelima</i>	31	March 2022
2.	<i>e-Dinamik (Majalah Digital Akademia) Edisi Keempat</i>	280	November 2022
3.	Insight Journal Volume 9 Issue 1	4	May 2022
4.	Insight Journal Volume 9 Issue 2	5	September 2022
5.	Insight Journal Special Issue	4	November 2022
6.	Paradigma Volume 7	30	June 2022
7.	Paradigma Volume 8	27	December 2022



Figure 9.3.1 Buletin MASMED Edisi Kelima



Figure 9.3.2 e-Dinamik Edisi Keempat



Figure 9.3.3 Paradigma Volume 7 and Volume 8

9.4 BESTARI GRANT

The research grant scheme, Bestari Grant (GBest), was initiated in 2018 and exclusively offered to UiTM researches. The objective behind this initiative is to enrich the culture of research in the institution. It also aims to increase the number of high-impact publications, development of

innovations and participation of researchers in conferences, seminars or symposiums.

Table 9.4.1 List of Bestari Research Grant (GBest)

NO.	BESTARI GRANT	SOCIAL SCIENCES (RM 5,000)	SCIENCES AND TECHNOLOGY (RM 20,000)	TOTAL (RM)
		RECIPIENT (NO.)	RECIPIENT (NO.)	
1.	GBest Phase 1/2022	1	2	45,000
2.	GBest Phase 2/2022	8	3	100,000
TOTAL		9	5	145,000

9.5 SPECIAL AWARD

The following special awards are bestowed to the recipients to mark the outstanding achievements and recognitions from external organisations to individuals or groups or even UiTMCI itself. PJI&A Division UiTMCI also organised annual awards to reward the individuals, groups and projects that excel in academic activities.

Table 9.5.1 List of Special Award

RESEARCH, INDUSTRIAL LINKAGES AND ALUMNI DIVISION (PJI&A) EXCELLENCE AWARDS 2022		
NO.	AWARD	RECIPIENT
1.	Newspaper article profile writer	Tay Bee Hoong
2.	Mainstream newspaper article writer	Rafiuddin Mohd Yusof
3.	Research excellence (social sciences)	Dr. Nor Azairiah Fatimah Othman
4.	Research excellence (sciences and technology)	Atiqah Hamizah Mohd Nordin
5.	Promising researcher	Dr. Nor Azairiah Fatimah Othman
6.	Innovation excellence (social sciences)	Syamsyul Samsudin
7.	Innovation excellence (sciences and technology)	Ts. Dr. Mohammad Abdullah
8.	Indexed publishing excellence (social sciences)	Prof. Madya Dr. Noor Hanim Rahmat
9.	Indexed publishing excellence (sciences and technology)	Intan Suhada Azmi
10.	Tinta emas	Muhammad Zairil Muhammad Nor
11.	Industrial network excellence	The Development and Provider of Professional Program with My Iskandar Sdn. Bhd. (MISB) (Leader: Ts. Dr. Arni Munira Markom)
12.	Community service excellence	Entrepreneurship in Action (Leader: Oswald@Timothy Edward)
13.	Entrepreneurial excellence	Projek Kebun Angkat Penanaman Nanas (Leader: Rusnani Mohamad Khalid)
14.	Fastest publish and cherish article	Zaibedah Zaharum
15.	Special jury	The 7 th International Accounting and Business Conference (IABC) 2022 (Leader: Dr. Rosmawati Haron@Harun)

OUTSTANDING UiTMCIJ AWARD				
NO.	AWARD		ORGANISER	
1.	METIC 11/2022 - Special Deputy Vice Chancellor (Industry, Community and Alumni Network)		Office Of Industry, Community And Alumni Network (ICAN), UiTM	
OUTSTANDING INDIVIDUAL AWARD				
NO.	AWARD		ORGANISER	RECIPIENT
1.	UiTM Top Talent (South Zone)		UiTM Consultancy Annual Award 2022	Dr. Arni Munira Markom
2.	UiTM Top Talent (South Zone)		UiTM Consultancy Annual Award 2022	Oswald Timothy Edward
OUTSTANDING INVENTION, INNOVATION AND DESIGN AWARDS				
NO.	AWARD	PROJECT	EXHIBITION	MEMBERS
1.	Champion of All	SULAM for INV 621	2 nd Sabah International Virtual Innovation and Invention Competition (SIVIIC 2022)	<ul style="list-style-type: none">● Syamsul Samsudin● Nik Nur Shafika Mustafa● Rohanizan Md Lazan● Nurul Haida Johan● Ferri Nasrul● Dr. Maizura Md Isa
2.	Diamond	Utilization of Palm Oil Boiler Ash (POBA) as a Partial Replacement of Sand in Foamed Concrete	11st International Innovation, Invention and Design Competition (INDES 2022)	<ul style="list-style-type: none">● Mohamed Khatif Tawaf Mohamed Yusof● Zeno Michael● Nurrul Amilin Zainal Abidin● Ts. Shahrul Nizam Mohammad● Siti Shahidah Sharipudin● Azmi Roslan
3.	Winner (Best Knowledge Transfer Partnerships Project)	<i>BIOKAP: Projek Pembersihan Sungai Pemerangkap Semulajadi Berasaskan Pokok Kekabu</i>	METIC 11/2022	<ul style="list-style-type: none">● Ts. Dr. Mohammad Abdullah
OUTSTANDING INDUSTRIAL AND COMMUNITY AWARDS				
NO.	AWARD	PROJECT	ORGANISER	MEMBERS
1.	<i>Ikon Siswa Johor 2022 (AISJ22) – Program Alam Sekitar Terbaik</i>	MyJohorGreen2u	Johor State Government	<ul style="list-style-type: none">● Ahmad Khudzairi Khalid● Dr. Norbaiti Tukiman
2.	Winner (Best Community Helix Project)	Teaching on the Go	METIC 11/2022	<ul style="list-style-type: none">● Mohd Hafizan Musa● Rusnani Mohamad Khalid● Dr. Noreen Noor Abd Aziz● Nurul Aien Abd Aziz● Shaherah Abdul Malik

OUTSTANDING ALUMNI AWARD				
NO.	AWARD	PROJECT	ORGANISER	MEMBERS
1.	Winner (Best Alumni Collaboration Project)	MoA UiTMCI and Asri Ahmad Academy	METIC 11/2022	<ul style="list-style-type: none"> ● Syamsul Samsudin ● Nik Nur Shafika Mustafa ● Nor Hadaliza Abd Rahman ● Nurul Haida Johan ● Dr. Basaruddin Shah Basri ● Dr. Muhammad Majid ● Dr. Faridah Najuna Misman ● Suzana Hassan ● Jaslin Dahlan ● Dr. Azila Jaini ● Norlina M. Ali ● Wan Farid Wan Zakaria



Figure 9.5.1 UiTM Consultation Top Talen (South Zone)



Figure 9.5.2 Special Deputy Vice Chancellor (ICAN)

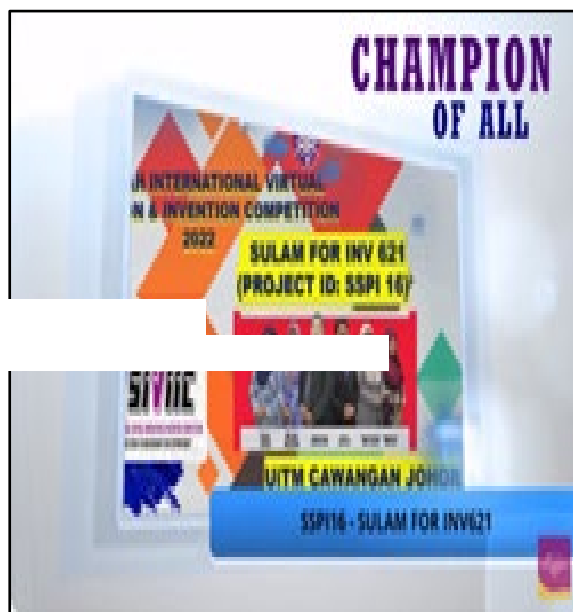


Figure 9.5.3 Champion of All SIVIIC 2022



Figure 9.5.4 Diamond INDES 2022



Figure 9.5.5 Winner (Best KTP Project)



Figure 9.5.6 Winner (Best Community Project)



Figure 9.5.7 Winner (Best Alumni Project)



Figure 9.5.8 Program Alam Sekitar Terbaik

9.6 GREENATION@UiTM

Greenation@UiTM is part of the university's effort to contribute to the Sustainable Development Goals (SDG) which address the core sustainability components including economic, environment and social with purpose for peace and prosperity for people and the planet now and into the future. Through the Greenation@UiTM approach, in support of this agenda, PJI&A Division UiTM CJ has taken several initiatives which are:

- i. Campus farm vegetation
- ii. SDG@UiTM Johor projects

Chili Fertilization, Foster Plantation Pineapple MD2 Farm and Laksamana Nektar Stingless Bees Farming are the on site farm vegetation projects that have been developed at the Segamat campus. This was the second season of the chili fertilization project which took 3 months of plantation period. A total of 176 kg of chilies were harvested and sold with a profit of RM 1868.00. Meanwhile, in the pineapple farm project, 2177 pineapples weighing a total of 2310 kg were harvested from two plantation plots. The income earned from the sale of pineapples and 510 bottles of Nana's juice (pineapple juice) is estimated to be worth RM 2321.00. Other than that, more than 200 of 60 ml bottles of honey had been produced from the stingless bees farming project. 144 bottles have been sold, generating an income of RM 2880.00 for UiTMCIJ.



Figure 9.6.1 Chili Fertilization project



Figure 9.6.2 Pineapple MD2 Farm project



Figure 9.6.3 Stingless Bees Farming

The objectives of SDG@UiTM Johor projects are not only to help local communities deal with global challenges, such as poverty and inequality, but also acts as the exposure to community studies that can be used for future planning. These SDG-based projects were carried out on UiTMCIJ, Campus Segamat and Segamat district community.

Table 9.6.1 List of SDG@UiTM Johor Projects

NO.	PROJECTS	MEMBERS	OBJECTIVE
1.	UiTM <i>Cakna Komuniti</i>	<ul style="list-style-type: none"> Dr. Zarith Sofia Jasmi Dr. Nur Hanisah Mohamad Razali Dr. Nurfazrina Mohd Zamry Ainul Adiba Saleh 	UiTM acts as an intermediary to obtain Community Grants from the Department of Agriculture and other organisations to generate income for BKM recipients
2.	UiTM Community 4Everyone	<ul style="list-style-type: none"> Fatin Nabihah Mohd Taha Dr. Rifhan A. Rahim Hafizuddin Md. Dali Dr. Muhammad Sobri Faisal 	Balancing the socioeconomic gap as well as preserving the goal of sustainable development among orphans
3.	UiTM Cares	<ul style="list-style-type: none"> Faten Elina Kamaruddin Siti Hasma Hajar Mat Zin Siti Noorhaslina Abd. Halim Dr. Nurfarhana Hassan Choo Kim Fong 	Distributing the collected contributions to the community through the university's involvement with related agencies by implementing the lemongrass plantation project
4.	UiTM Food Security Project (FSeP)	<ul style="list-style-type: none"> Nurul Hanna Mas'aud Nurhazirah Mohamad Yunos Nur Idayu Alimon Siti Nurmaisarah Fkhururazi 	Solving food security problems by organising agricultural projects to overcome food supply, price and quality issues.



Figure 9.6.4 UiTM *Cakna Komuniti*



Figure 9.6.5 UiTM Community 4Everyone



Figure 9.6.6 UiTM Cares



Figure 9.6.7 UiTM Food Security Project



UNIVERSITI
TEKNOLOGI
MARA

i-PRESTIGE 2022

**Research, Industrial Linkages and Alumni Division
UiTM Cawangan Johor**

eISBN 978-967-0479-72-9



9 789670 479729