

# i-PRESTIGE



UNIVERSITI  
TEKNOLOGI  
MARA

# 2021 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  
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## **ACKNOWLEDGEMENT**

A special appreciation is extended to the Rector of Universiti Teknologi MARA Cawangan Johor (UiTMCJ), Professor Dr. Ismail Ahmad and the Deputy Rector of Research, Industrial Linkages and Alumni (PJI&A) Division of UiTMCJ, Associate Professor Dr. Saunah Zainon. Their constant support ensures that this Intellectual Prestige (i-PRESTIGE) 2021 could be victoriously published.

A special acknowledgement also goes to all PJI&A coordinators and i-PRESTIGE 2021 committee members who were 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 blessings and peace to Prophet Muhammad (S.A.W) and his family.

2021 marked the second year of living with the Covid-19 pandemic. Many of us have managed to adapt with the new norms and learn to adjust our lives accordingly. For higher learning institutions, this means that academic activities did not simply cease to exist. Instead, the management and faculty members continuously seek to find a balance between living with the pandemic and achieving success in academia. This is one of the objectives that UiTM CJ has strived to attain. With God's grace and blessings, our staff has managed to successfully conduct various activities, programs and projects, despite facing countless challenges along the way.

To celebrate these achievements, UiTM CJ utilises our very own i-PRESTIGE, the compilation and publication of reports from the different units under the Research, Industrial Linkages and Alumni (PJI&A) Division of UiTM CJ. All praise be to Allah for we have managed to publish the fourth i-PRESTIGE for the year 2021. Similar to our previous publications, it highlights the success and achievements of PJI&A of UiTM CJ in relation to research, publications, consultancy projects, innovations, entrepreneurship, community service and alumni activities. May this effort generate more ideas and interests, and spark greater motivation for all as we move towards a more successful and productive year in 2022.

Last but not least, I would like to congratulate the PJI&A team for successfully putting together i-PRESTIGE 2021. Your boundless energy and admirable commitment are truly inspiring. Thank you to all the other i-PRESTIGE 2021 committee members as well, for your dedication in ensuring the success of this publication.



**PROFESSOR DR. ISMAIL AHMAD**

*Rector*

Universiti Teknologi MARA Cawangan Johor

## **FOREWORD BY DEPUTY RECTOR OF RESEARCH, INDUSTRIAL LINKAGES AND ALUMNI**



Alhamdulillah, all praises to Allah, the Most Gracious and the Most Merciful, for giving us His blessing and providing us with the strengths to complete this annual report of the Research, Industrial Linkages and Alumni (PJI&A) Division, UiTM CJ. Known as i-PRESTIGE, the fourth publication of i-PRESTIGE 2021 acts as a guidance towards providing information on all activities, achievements and the performance of the year 2021.

Deepest gratitude and sincerest appreciation to the Rector of UiTM CJ, Professor Dr. Ismail Ahmad, who gave us continuous support, motivation and untiring guidance have made this annual report come true. In addition, we would like to thank all those writers who have contributed towards the writings of this annual report, as well as the Managing Author for this issue, Miss Nurulzulaiha Sa'udah @ Suhadak and to those who have contributed directly or indirectly towards the publication of this issue. Regards and blessings to all of those who supported this publication in any respect towards the completion of this report.

Thank you very much and enjoy your reading.

Thank you.

**ASSOCIATE PROFESSOR DR. SAUNAH ZAINON**

*Deputy Rector of Research, Industrial Linkages and Alumni*  
Universiti Teknologi MARA Cawangan Johor

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Diana' Mazan

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Dr. Kamariah Md Isa

Dr. Saiful Najmee Mohamad

Ts. Mohammad Abdullah

Dr. Abdul Hadi Abdol Rahim @ Ibrahim

Ts. Dr. Mohamad Farid Misnan

Ts. Zahari Abu Bakar

Associate Professor Dr. Aminabibi Sataniphy @ Saidalvi

Puteri Nur Hidayah Kamaludin

Norshahnadz Mohamed Ghulam



### **LANGUAGE**

Puteri Nur Hidayah Kamaludin  
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Haniza Sarijari  
Fazdilah Md Kassim  
Nur Fadzilah Muhamad Zamani

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Norshahnadz Mohamed Ghulam  
Nur Atiqah Abd. Hamid

### **GRAPHIC & TECHNICAL**

Nurul Amin Norudin



## ***LIST OF ABBREVIATIONS***

Bestari Research Grant	GBEST
Digitalised International Invention, Innovation and Design	DIID
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

# 2021

*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 (UiTMCJ) 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, Associate Professor Dr. Saunah Zainon who is assisted by a team of PJI&A Coordinators appointed for the year of 2021 as shown in Table 1.1.

**Table 1.1 List Of UiTMCJ PJI&A Coordinators 2021**  
**Research Management Unit (RMU) – Segamat Campus**

Research	Dr. Tan Yan Ling
Innovation	Dr. Nurkhairany Amyra Mokhtar
Consultancy	Nurulzulaiha Sa'udah @ Suhadak
Publication	Dr. Siti Nuur-Ila Mat Kamal

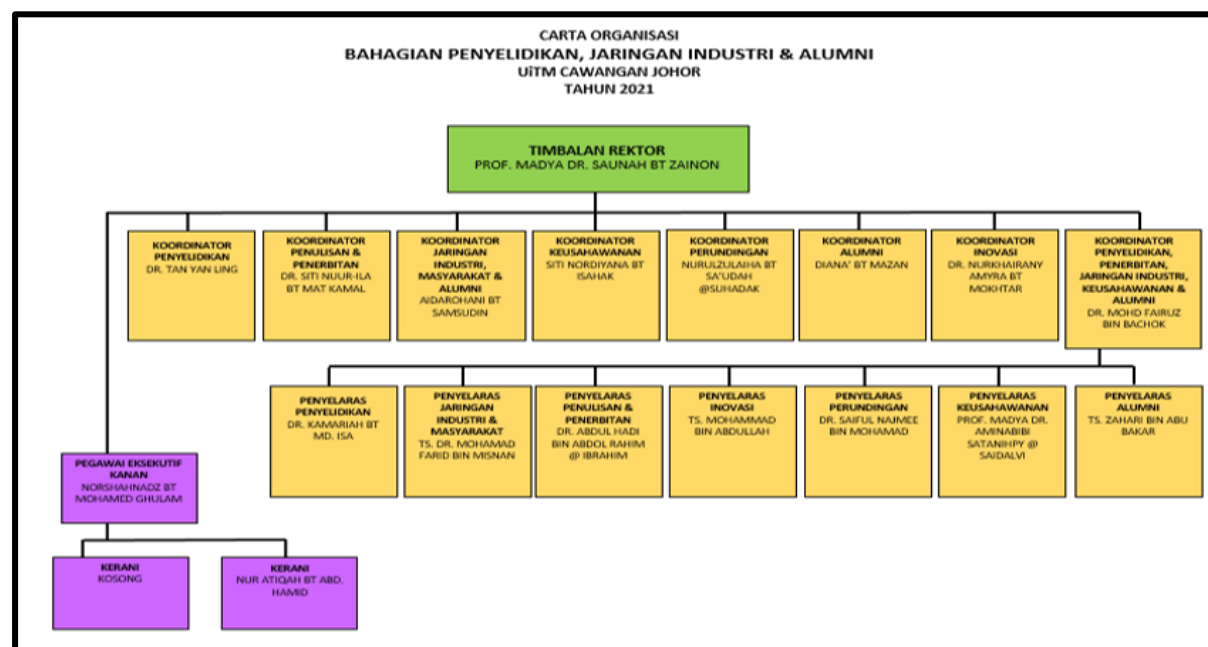
**Industry, Community, Alumni and Entrepreneurship Network (ICAN) – Segamat Campus**

Industry and Community Linkages	Aidarohani Samsudin
Alumni	Diana' Mazan
MASMED	Siti Nordiyana Isahak

## RMU and ICAN – Pasir Gudang Campus

Research, Publication, Industry and Community Linkages, MASMED and Alumni	Dr. Mohd Fairuz Bachok
Research	Dr. Kamariah Md Isa
Innovation	Ts. 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	Associate Professor Dr. Aminabibi Sataniphy @ Saidalvi

The management of PJI&A UiTMCJ is also assisted by two (2) support personnel consisting of one (1) Executive Officer, Norshahnadz Mohamed Ghulam and one (1) Administrative Assistants, Nur Atiqah Abd. Hamid as shown in Figure 1.1.



**Figure 1.1 Organisational Chart Of PJI&A UiTMCJ**

# 2021

*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, UiTMCMJ 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. Despite the challenge of Covid-19, UiTMCMJ still managed to secure several grants in order to enrich its research culture.

### **2.1 GRANTS**

There are thirty-two (32) research projects funded by Internal Grants such as GBEST Phase1/2021, GBEST Phase 2/2021 and GBEST Phase 3/2021, Innovation Research Grant Phase 1/2021, MYRA Research Grant and Supervisory Incentive Grant. The remaining eight (8) research projects were funded by National and External grants from various sources. The collected amount from various grants amounts to RM671,020.00 as presented in Table 2.4.1.

## 2.1.1 INTERNAL GRANTS

### A) BESTARI RESEARCH GRANT (GBEST) PHASE 1/2021

**Table 2.1.1 List Of GBEST Phase 1/2021 For Segamat Campus**

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Dr. Tan Yan Ling	i. Dr. Yiew Thian Hee ii. Prof. Dr. Muzafar Shah Habibullah iii. Dr. Chen Jen Eem iv. Dr. Siti Nuur-Ila Mat Kamal v. Nur Adilah Saud	Formulating An Integrated Cause-Effect Biodiversity Loss Framework In Malaysia	1 January 2021 - 30 June 2022	5,000.00
2	Dr. Roslina Mohamad Shafi	i. Dr. Faridah Najuna Misman ii. Sharazad Haris iii. Assoc. Prof. Dr. Mohamed Eskandar Shah Abdul Rashid iv. Mohd Hakimi Harman	Proposing A Framework For Healthcare Services Affordability For Multi-Ethnic Homeless In Malaysia	1 January 2021 - 30 June 2022	5,000.00
3	Assoc. Prof. Dr. Syahrul Ahmar Ahmad	i. Assoc. Prof. Dr. Rahimah Mohamed Yunos ii. Noraisah Sungip iii. Assoc. Prof. Dr. Halil Paino iv. Assoc. Prof. Dr. Saunah Zainon v. Fatimah Hashim	Modelling Effective Whistleblowing Policies Disclosures Among Malaysian Listed Companies	1 January 2021 - 30 June 2022	10,000.00
4	Dr. Nurul Azlin Azmi	i. Assoc. Prof. Dr. Nor Balkish Zakaria ii. Eddiezal Aswadu Abdul Wahab iii. Rizqa Anita iv. Fazeul Hanim Abd Sata	The Contingent Effect Of Corporate Political Ties On Financial Reporting Quality	1 January 2021 - 30 June 2022	10,000.00
<b>TOTAL</b>					<b>30,000.00</b>



**Table 2.1.2 List Of GBEST Phase 1/2021 For Pasir Gudang Campus**

<b>PASIR GUDANG CAMPUS</b>					
<b>NO.</b>	<b>HEAD RESEARCHER</b>	<b>MEMBERS</b>	<b>TITLE OF GRANT</b>	<b>PERIOD</b>	<b>AMOUNT</b>
					<b>(RM)</b>
1	Noor Hidayu Abdul Rani	i. Nor Fadilah Mohamad ii. Dr. Nurul Suhada Ab Rasid iii. Nurul Hazwani Sabri	Elucidating The Role Ofimidazoles (IMS) In Tetraethylenep entamine (Tepa)-Based Solid Sorbent For CO <sub>2</sub> Capture	1 January 2021 - 30 June 2022	10,000.00
2	Mazleenda Mazni	i. Assoc. Prof. Abdul Rashid Husain ii. Prof. Muhammad Azmi Ayub iii. Muhammad Amir Mat Shah iv. Maisarah Noorezam v. Norjasween Abdul Malik	Intelligent Predictive Maintenance For Fault Diagnostics Of Automation System Using Deep Neural Network	1 January 2021 - 30 June 2022	10,000.00
3	Sharifah Iziuna Sayed Jamaludin	i. Assoc. Prof. Ir. Dr. Ahmad Rafizan Mohamad Daud ii. Mohd Zaki Sukor iii. Salmi Nur Ain Sanusi iv. Siti Hajar Anaziah Muhamad v. Nor Ain Abu Samah	Fundamental Studies On The Cleavage Of N=N Containing Compound In Dye By Hydrothermal Oxidation Process	1 January 2021 - 30 June 2022	10,000.00
4	Lee Siong Wee	i. Oh Chai Lian ii. Mohd Raizamzamani Md Zain iii. Nadiah Saari @ Ash'ari iv. Narita Noh v. Nor Mayuze Mohamad vi. Siti Shahidah Sharipudin	Tensile Ductility And Shear Behaviours Of Green Engineered Cementitious Composites	1 January 2021 - 31 December 2022	20,000.00
<b>TOTAL</b>					<b>50,000.00</b>

## B) BESTARI RESEARCH GRANT (GBEST) PHASE 2/2021

**Table 2.1.3 List Of GBEST Phase 2/2021 For Segamat Campus**

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Noraini Ismail	i. Dr. Rahmawati Mohd Yusoff ii. Alizah Ali iii. Dr. Wan Amir Azlan Wan Haniff iv. Zulhazmi Yusof v. Siti Farrah Shahwir	A Socio-Legal Research On The Impacts Of Covid-19 Pandemic Towards Domestic Violence Cases	15 May 2021 - 14 November 2022	5,000.00
2	Dr. Nur Fatihah Shaari	i. Dr. Amir Imran Zainoddin ii. Dr. Nur Amalina Aziz iii. Qamarul Nazrin Harun iv. Muhammad Zulqarnain Hakim Abd Jalal v. Dr. Ahmad Syahmi Ahmad Fadzil	Exploring Factor Influencing Willingness To Pay For Carbon Offsets Among Malaysian Air Travellers	15 May 2021 - 14 November 2022	5,000.00
3	Rosnani Mohd Salleh	i. Dr. Rahmawati Mohd Yusoff ii. Norintan Wahab iii. Zuramaznum Sainan iv. Siti Mariam Atan	Non-Administered Real Estates In Kampong Bharu: A Revisit Of The Regulating Framework	15 May 2021 - 14 November 2022	5,000.00
4	Mohamad Azwan Md Isa	i. Dr. Norashikin Ismail ii. Nor Hadaliza Abd Rahman iii. Ruziah A Latif iv. Dr. Basaruddin Shah Basri v. Rabiatal Alawiyah Zainal Abidin	Dynamic Linkages Of Commodity And Index Futures Markets: Malaysian Evidence With The Top 5 Trading Partner Countries	15 May 2021 - 14 November 2022	5,000.00

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
5	Siti Zariikh Sofiah Abu Bakar	i. Dia Widyawati Amat ii. Fairuz Husna iii. Zuraidah iv. Diana Othman v. Haniza Sarijari	Open And Distance Learning (ODL) Participation: Demographic And Motivation Variables Of LG120 Students; The Relationship	15 May 2021 - 14 November 2022	5,000.00
6	Dr. Nor Azairiah Fatimah Othman	i. Mazida Ismail ii. Dr. Amir Imran Zainoddin iii. Fatimah Mohamad Radzi iv. Dr. Azila Jaini	Modelling Intention To Accept Gamification In Learning	15 May 2021 - 14 November 2022	5,000.00
7	Siti Salimah Jalal	i. Mohamad Hafiz Rosli ii. Dr. Noor Sufiawati Khairani iii. Dr. Noraizah Abu Bakar	The Exploration Towards The Attitude Of Employees Into The Implementation And Effectiveness On Public Sector Conducive Ecosystem (EKSA) At Perpustakaan Tun Dr. Ismail, Universiti Teknologi MARA, Johor	15 May 2021 - 14 November 2022	5,000.00
8	Nurul Aien Abd Aziz	i. Mohd Hafizan Musa ii. Noreen Noor Abd Aziz iii. Rusnani Mohamad Khalid iv. Shaherah Abdul Malik	Rural Area School Teacher's Technology Adoption: Lessons Learned From The Covid-19 Phenomenon	15 May 2021 - 14 November 2022	5,000.00
<b>TOTAL</b>					<b>40,000.00</b>

**Table 2.1.4 List Of GBEST Phase 2/2021 For Pasir Gudang Campus**

<b>PASIR GUDANG CAMPUS</b>					
<b>NO.</b>	<b>HEAD RESEARCHER</b>	<b>MEMBERS</b>	<b>TITLE OF GRANT</b>	<b>PERIOD</b>	<b>AMOUNT (RM)</b>
1	Fazlinashatul Suhaidah Zahid	i. Ts. Dr. Nor Diyana Md.Sin ii. Dr. Nur Amalina Mohamad iii. Ts. Dr. Mohamad Zhafran Hussin	Superior Humidity Sensor Based On ZnO/SnO <sub>2</sub> /GO Nanocomposite	15 May 2021 - 14 May 2023	20,000.00
2	Mohd Johan Mohamed Ibrahim	i. Siti Shahidah Sharipudin ii. Ts. Muhammad Bazli Faliq Mohd Puaad iii. Dr. Mohamad Rohaidzat Mohamed Rashid iv. Ts. Dr. Mohd Amran Hasbullah v. Ts. Saiful Jumali	Development Of Steel Butterfly Joint For Reinforced Concrete Precast Slab	15 May 2021 - 14 May 2023	20,000.00
3	Nur Hazirah Rozali Annuar	i. Azmi Roslan ii. Dr. Haryana Mohd Hairi iii. Asmawati @ Fatin Najihah Alias iv. Siti Nor Hafiza Mohd Yusoff	Catalytic Study Of Ru/Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> For Conversion Of Biomass To Biofuels Via Glucose And Fructose Hydrogenation	15 May 2021 - 14 May 2023	20,000.00
<b>TOTAL</b>					<b>60,000.00</b>

### C) BESTARI RESEARCH GRANT (GBEST) PHASE 3/2021

**Table 2.1.5 List Of GBEST Phase 3/2021 For Segamat Campus**

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Farah Suraya Md Nasrudin	i. Dr. Norazam Arbin ii. Dr. Ang Tau Keong (Resigned) iii. Shafaruniza Mahadi	Operational Matrix Approach For Fractional Differential Equations In Some Newly Defined Operator	1 September 2021 - 31 August 2023	20,000.00
<b>TOTAL</b>					<b>20,000.00</b>

**Table 2.1.6 List Of GBEST Phase 3/2021 For Pasir Gudang Campus**

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Dr. Najibah Ab Latif	i. Dr. Raja Muhammad Aslam Raja Arif ii. Dr. Hasannuddin Abd Kadir iii. Ts. Nurulsaidatulisyida Sulong	Effect Of Wettability Of Bio Oil Nanolubricant On Nano-Coated Surfaces Of Journal Bearing For Tribology Performance	1 September 2021 - 31 August 2023	20,000.00
<b>TOTAL</b>					<b>20,000.00</b>

#### D) INNOVATION RESEARCH GRANT PHASE 1/2021

**Table 2.1.7 List Of Innovation Research Grants Phase 1/2021 For Pasir Gudang Campus**

<b>PASIR GUDANG CAMPUS</b>					
<b>NO.</b>	<b>HEAD RESEARCHER</b>	<b>MEMBERS</b>	<b>TITLE OF GRANT</b>	<b>PERIOD</b>	<b>AMOUNT (RM)</b>
1	Ts. Mohammad Abdullah	i. Ts. Dr. Ab Aziz Mohd Yusof ii. Dr. Wan Nur Fazlina Abdol Jani iii. Nurul Hazwani Sabri iv. Norhafini Hambali v. Dr. Azizul Hakim Samsudin vi. Ts. Dr. Diana Che Lat vii. Juliana Martin	Water Chemometric Techniques In Water Pollution Control: A Case Study For Caged Fish Farming Areas In Mendana Strait	1 November 2021 - 31 October 2023	20,000.00
2	Ts. Ir. Azinoor Azida Abu Bakar	i. Siti Nurul 'Ain Haji Zaiton ii. Ts. Zahari Abu Bakar iii. Ts. Dr. Zakiah Mohd Yusoff iv. Hazriel Faizal Pahraraji v. Hairul Amiza Azman vi. Mohd Johan Mohamed Ibrahim vii. Dr. Nurkhairany Amyra Mokhtar	Integrated Approaches In Water Quality Monitoring For River Health Assessment	1 November 2021 - 31 October 2023	20,000.00
3	Assoc. Prof. Dr. Aminabibi Satanihpy @ Saidalvi	i. Isma Ishak ii. Rahayu Izwani Borhanuddin iii. Dr. Fatin Farazh Ya'acob iv. Hairiani Abdul Hamid v. Syaidatul Zarina Mat Din vi. Muhamad Ashaari Sukar	Digital Innovation In Teaching And Learning Among UiTM Johor Social Science Lecturers	1 November 2021 - 31 October 2023	10,000.00
<b>TOTAL</b>					<b>50,000.00</b>

# E) MYRA RESEARCH GRANT (GPM)

**Table 2.1.8 List Of MYRA Research Grant For Segamat Campus**

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Assoc. Prof. Dr. Saunah Zainon	i. Assoc Prof. Dr. Rahimah Mohamed Yunos ii. Dr. Nurul Huda Md Yatim iii. Ts. Dr. Rashidah Mokhtar iv. Assoc. Prof. Dr. Soo Kum Yoke v. Nur Eyliawati Japelus	Islamic Social Enterprise Index ISEI In Lieu Of Social Agenda	1 September 2021 - 31 August 2023	10,000.00
<b>TOTAL</b>					<b>10,000.00</b>



**Table 2.1.9 List Of MYRA Research Grants (PhD Graduates) For Pasir Gudang Campus**

<b>PASIR GUDANG CAMPUS</b>					
<b>NO.</b>	<b>HEAD RESEARCHER</b>	<b>MEMBERS</b>	<b>TITLE OF GRANT</b>	<b>PERIOD</b>	<b>AMOUNT (RM)</b>
1	Dr. Ab Aziz Mohd Yusof	i. Ts. Noor Hafiz Noordin ii. Ts. Haszeme Abu Kasim iii. Prof. Ir. Dr. Jamaluddin Mahmud iv. Dr. Kamariah Md Isa	Wettability And Fluid Absorption Study Of The Bone Scaffold With Multiphase Micro Channel For The Body Fluid Transportation	15 December 2021 - 14 December 2023	20,000.00
2	Ts. Dr. Diana Che Lat	i. Ir. Dr. Ismacahyadi Bagus Mohamed Jais ii. Dr. Nurhani Kasuan iii. Doris Asmani Mat Yusof iv. Mohd Hanafie Yasin v. Prof. Dr. Nazri Ali	Spatial Distribution Mapping Of Soil Quality Index At Pasir Gudang Industrial Area	15 December 2021 - 14 December 2023	20,000.00
3	Dr. Nurhani Kasuan	i. Maizura Mohd Sani ii. Dr. Muhammad Asraf iii. Nur Dalila Khirul Ashar iv. Assoc. Prof. Ir Ts. Dr. Ahmad Ihsan Mohd Yassin	Forecasting Pipe To Soil Potential Of A Buried Pipe Line At Equatorial Geomagnetic Region Using Recurrent Neural Networks Based On Long Short Term Memory For Impressed Current Of A Cathodic Protection System	15 December 2021 - 14 December 2023	20,000.00
4	Dr. Wan Nur Fazlina Abdol Jani	i. Prof. Ir. Dr. Fatihah Suja' ii. Sharifah Izuana Sayed Jamaludin iii. Nor Fadilah Mohamad iv. Noor Hidayu Abdul Rani	Recovery Of Precious Metals From Electronic Waste Using Mild Leaching And Electrowinning System	15 December 2021 - 14 December 2023	20,000.00

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
5	Dr. Mohamad Faizal Ab Jabal	i. Suhardi Hamid ii. Ahmad Khudzairi Khalid iii. Assoc. Prof. Wan Dorishah Wan Abdul Manan	A Filter Method For Pigment Spot Feature Extraction From Iris Image	15 December 2021 - 14 December 2023	20,000.00
<b>TOTAL</b>					<b>100,000.00</b>

#### F) SUPERVISORY INCENTIVE GRANT (GIP)

**Table 2.1.10 List Of Supervisory Incentive Grant Grants Received By Segamat Campus**

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Assoc. Prof. Ahmad Nawawi Haji Yaakob	NA	An Analysis Towards Zakat On Cryptocurrency From Islamic Law Perspective	1 September 2021 - 31 August 2022	18,000.00
2	Dr. Rahmawati Mohd Yusoff	NA	A Revisit Of The Regulating Framework Towards The Non Administered Real Estates In Kampong Bharu	15 December 2021 - 14 December 2022	18,000.00
<b>TOTAL</b>					<b>36,000.00</b>

## 2.2 EXTERNAL GRANTS

### A) BANK PEMBANGUNAN MALAYSIA BERHAD

**Table 2.2.1 List Of External Grants For Segamat Campus**

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Assoc. Prof. Dr. Syahrul Ahmar Ahmad	i. Assoc. Prof. Dr. Rahimah Mohamed Yunos ii. Dr. Siti Masnah Saringat iii. Zarina Abu Bakar iv. Fatimah Hashim	Instituting Effective Whistleblowing Policies Disclosures Among Shariah-Compliant Companies	1 May 2021 - 30 April 2022	5,000.00
<b>TOTAL</b>					<b>5,000.00</b>

## B) STRATEGIC RESEARCH PARTNERSHIP (SRP)

**Table 2.2.2 List Of External Grants For Pasir Gudang Campus**

<b>PASIR GUDANG CAMPUS</b>					
<b>NO.</b>	<b>HEAD RESEARCHER</b>	<b>MEMBERS</b>	<b>TITLE OF GRANT</b>	<b>PERIOD</b>	<b>AMOUNT (RM)</b>
1	Dr. Mohd Ali Muhamad Don	i. Prof. Dr. Abd. Halim Mohd Noor ii. Dr. Rilizam Mohd Rosli iii. Dr. Mohd Shukri Mohd Senin iv. Mohd Farhan Ahmad	<i>Pengurusan Wakaf Untuk Pendidikan Oleh Majlis Agama Islam Negeri (MAIN) Di Malaysia; Isu Dan Cabaran</i>	1 December 2021 - 30 November 2023	10,000.00
2	Mohd Noor Halmy Ab Latif	i. Dr. Siti Khadijah Alias ii. Ts. Dr. Mohamad Farid Misnan iii. Muhammad Amir Mat Shah iv. Assoc. Prof. Dr. Saunah Zainon	Automated Ingredient Dispenser And Mixer Machine For Jalen Sdn Bhd	15 December 2021 - 14 December 2023	25,000.00
3	Muhammad Amir Mat Shah	i. Radzi Abdul Rasih ii. Dr. Mohamad Farid Misnan iii. Munirah Onn iv. Dr. Muhammad Asraf Hairuddin	Intelligent Based Temperature Management System For Halal-Compliant Broiler Chicken Processing	15 July 2021 - 14 July 2023	20,000.00
4	Dr. Mohamad Zhafran Hussin	i. Assoc. Prof. Dr. Hedzlin Zainuddin ii. Ts. Dr. Nurmalessa Muhammad @ Atan iii. Dr. Farah Liyana Muhammad Khir iv. Prof. Dr. Sulaiman Shaari v. Ing Eko Adhi Setiawan vi. Alfian Ferdiansyah vii. M. Iqbal Ramli viii. Samsul Ma'arif	Analysis Of Solar Photovoltaic Progress In Malaysia: Policies And Recommendation	1 August 2021 - 30 September 2023	17,850.00
<b>TOTAL</b>					<b>72,850.00</b>

## 2.3 NATIONAL GRANTS

### A) FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS) PHASE 1/2021

**Table 2.3.1 List Of FRGS Phase 1/2021 For Segamat Campus**

SEGAMAT CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Dr. Nurkhairany Amyra Mokhtar	i. Dr. Basri Badyalina ii. Prof. Dr. Yong Zulina Zubairi iii. Dr. Adilah Abdul Ghapor	Modelling Simultaneous Error-In-Variables For Environmental Data	7 September 2021 - 6 September 2023	59,900.00
	<b>TOTAL</b>				<b>59,900.00</b>

**Table 2.3.2 List Of FRGS Phase 1/2021 For Pasir Gudang Campus**

PASIR GUDANG CAMPUS					
NO.	HEAD RESEARCHER	MEMBERS	TITLE OF GRANT	PERIOD	AMOUNT (RM)
1	Dr. Nur Syamilah Arifin	i. Dr. Wan Munirah Wan Mohamad ii. Assoc. Prof. Dr. Abdul Rahman Mohd Kasim iii. Prof. Dr. Basuki Widodo iv. Mrs. Laila Amara Aziz v. Dr. Syazwani Mohd Zokri	Convective Transport Of Single And Multiple Wall Carbon Nanotube (CNTS) On Boundary Layer Region	7 September 2021 - 6 September 2023	50,700.00
2	Dr. Mahfuzah Mohammed Zabidi	i. Dr. Norhapizah Mohd Burhan ii. Dr. Ahmad Fakhurrizi iii. Dr. Nurul Asiah Fasehah Muhamad iv. Dr. Raudlotul Firdaus Fatah Yasin v. Prof. Dato Dr. Ab. Halim Tamuri	<i>Model Taksonomi Afektif Mahasiswa Holistik Berpanduan Pendekatan Penjajaran Konstruktif Era Revolusi 4.0</i>	7 September 2021 - 6 September 2023	66,570.00
	<b>TOTAL</b>				<b>117,270.00</b>

## 2.4 TOTAL GRANTS

Table 2.4.1 Summary Of Grants For UiTMCJ In 2021

NO.	GRANTS	NUMBER OF GRANTS		AMOUNT (RM)
		SEGAMAT	PASIR GUDANG	
1	GBEST Phase 1/2021	4	4	80,000.00
2	GBEST Phase 2/2021	8	3	100,000.00
3	GBEST Phase 3/2021	1	1	40,000.00
4	Innovation Research Grant Phase 1/2021	0	3	50,000.00
5	MYRA Research Grant	1	5	110,000.00
6	Supervisory Incentive Grant	2	0	36,000.00
7	Bank Pembangunan Malaysia Berhad	1	0	5,000.00
8	Strategic Research Partnership	0	4	72,850.00
9	FRGS Phase 1/2021	1	2	177,170.00
	<b>TOTAL</b>	<b>18</b>	<b>22</b>	<b>671,020.00</b>

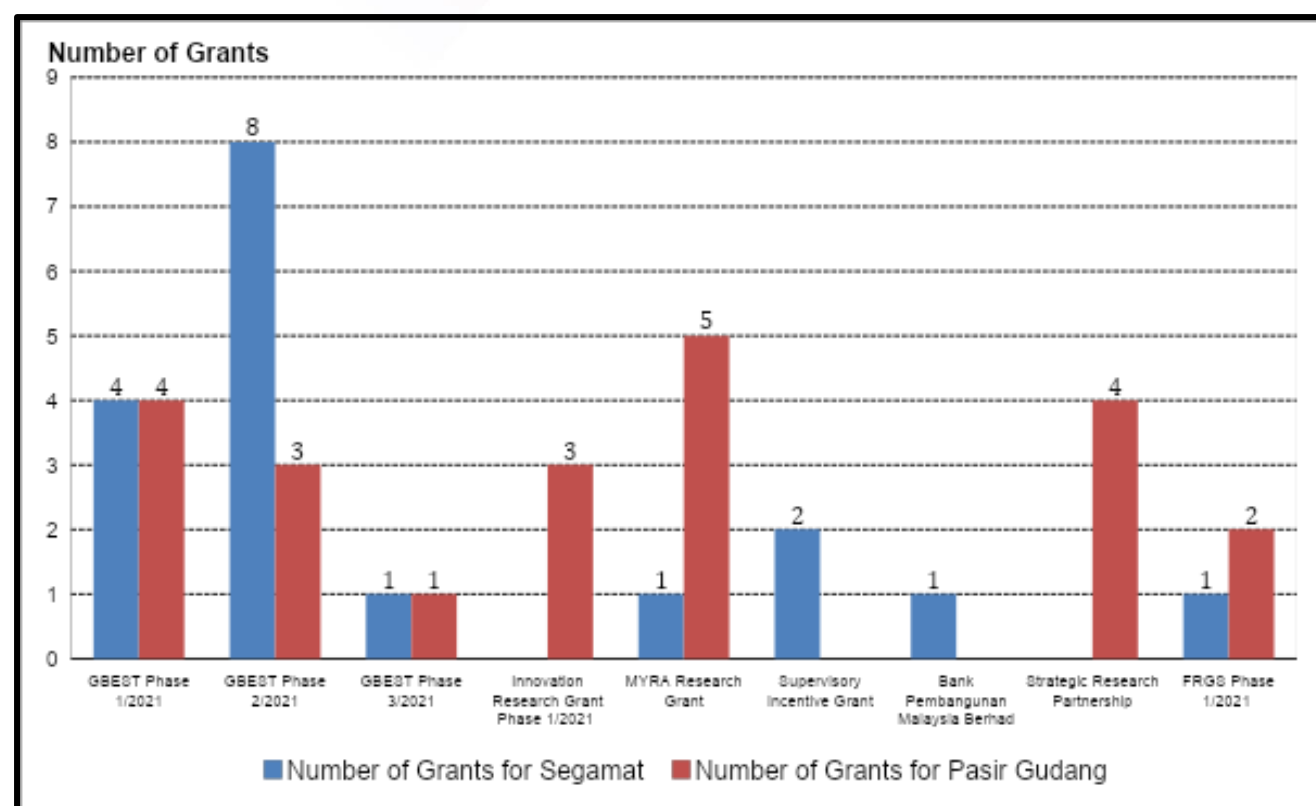


Figure 2.4.1 Number Of Grants For UiTMCJ In 2021

# 2021

*Annual Report of Research, Industrial Linkages & Alumni Division*

## 3. CONSULTANCY



## SECTION 3 CONSULTANCY

### 3.0 INTRODUCTION

Consultancy is one of the paths for UiTM CJ staff to share their expertise, knowledge and skills with others. 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 70 consultancy projects are registered at UiTM CJ. Segamat Campus has conducted 32 projects while the remaining 38 projects are from Pasir Gudang Campus as listed in Table 3.1.1 and 3.1.2.

**Table 3.1.1 List Of Consultancy Projects For Segamat Campus**

NO.	HEAD CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
1	Dr. Norashikin Ismail	Faculty Of Business and Management	<i>Pewasit Luar 'Journal Of Islamic Economics And Law'</i>	1,000.00
2	Dr. Norashikin Ismail	Faculty Of Business and Management	<i>Panel Penasihat Akademik Dan Pemeriksa Luar Bagi Program Diploma Kewangan Islam, Kolej Universiti Agrosains Malaysia (UCAM)</i>	250.00
3	Dr. Norashikin Ismail	Faculty Of Business and Management	<i>Penasihat Akademik - Melaka International College Of Science And Technology</i>	3,000.00
4	Assoc. Prof. Zaluudin Sulaiman	Academy Of Contemporary Islamic Studies	<i>Panel Penasihat Syariah Agensi Muhammad Mahfuz Kafalah</i>	250.00
5	Azura Abdul Jamil @ Kamarudzzaman	Faculty Of Information Management	<i>Fasilitator Bengkel Inovasi KIK</i>	1,020.00
6	Azura Abdul Jamil @ Kamarudzzaman	Faculty Of Information Management	<i>Fasilitator Bengkel KIK JKR Negeri Johor</i>	1,620.00

NO.	HEAD CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
7	Isma Ishak	Faculty Of Information Management	Mersing Divers Apps	15,000.00
8	Assoc. Prof. Dr. Noriah Ismail	Academy Of Language Studies	<i>Pemeriksa Tesis PhD (TESL) UPSI</i>	750.00
9	Assoc. Prof. Dr. Noriah Ismail	Academy Of Language Studies	<i>Pemeriksa Tesis MA (TESL) UPSI</i>	450.00
10	Rusnani Mohamad Khalid	Faculty Of Computer And Mathematical Sciences	<i>Mentor Minggu Destini Siswa</i>	200.00
11	Nurulzulaiha Sa'udah @ Suhadak	Faculty Of Computer And Mathematical Sciences	<i>Juruaudit Audit Dalam Pra Pengawasan Bil. 1/2021</i>	100.00
12	Mahasin Saja @ Mearaj	Academy Of Contemporary Islamic Studies	Auditor	50.00
13	Mahasin Saja @ Mearaj	Academy Of Contemporary Islamic Studies	<i>Tanyalah Ustazah</i>	100.00
14	Dr. Norashikin Ismail	Faculty Of Business and Management	<i>Penasihat Akademik dan Pemeriksa Luar</i>	500.00
15	Siti Noor Ain Aziz	Academy Of Contemporary Islamic Studies	<i>Panel Temuduga Bantuan Zakat Pelajar UiTM Cawangan Johor Kampus Segamat</i>	50.00
16	Siti Noor Ain Aziz	Academy Of Contemporary Islamic Studies	<i>Panel Temuduga Bantuan Zakat Pelajar UiTM Cawangan Johor Kampus Segamat</i>	50.00
17	Nurfarhana Mohd Daud	Academy Of Contemporary Islamic Studies	<i>Panel Temuduga Bantuan Zakat Pelajar UiTM Cawangan Johor Kampus Segamat</i>	50.00

NO.	HEAD CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
18	Syazwani Abd Rahim	Academy Of Contemporary Islamic Studies	<i>Panel Temuduga Bantuan Zakat Pelajar UiTM Johor</i>	50.00
19	Nurfarhana Mohd Daud	Academy Of Contemporary Islamic Studies	<i>Panel Temuduga Bantuan Zakat Pelajar UiTM Cawangan Johor Kampus Segamat</i>	50.00
20	Nazrudin Hashim	Academy Of Contemporary Islamic Studies	<i>Penceramah Kuliah Maghrib</i>	50.00
21	Nazrudin Hashim	Academy Of Contemporary Islamic Studies	<i>Panel Kuliah Pengajian</i>	50.00
22	Syazwani Abd Rahim	Academy Of Contemporary Islamic Studies	<i>Panel Temuduga Bantuan Zakat Pelajar UiTM Johor</i>	50.00
23	Syazwani Abd Rahim	Academy Of Contemporary Islamic Studies	<i>Panel Temuduga Bantuan Zakat Pelajar UiTM Johor</i>	50.00
24	Wan Amir Azlan Wan Haniff	Department Of Law	<i>Webinar Undang-Undang Atas Talian (Online): Apa Yang Anda</i>	50.00
25	Alizah Ali	Department Of Law	<i>Webinar Undang-Undang Perniagaan Atas Talian</i>	50.00
26	Nurul Badriyah Ali	Academy Of Contemporary Islamic Studies	<i>Panel Temuduga Zakat Pelajar UiTM Cawangan Johor</i>	50.00
27	Nurul Badriyah Ali	Academy Of Contemporary Islamic Studies	<i>Panel Temuduga Zakat Pelajar UiTM Cawangan Johor</i>	50.00
28	Azura Abdul Jamil @ Kamarudzzaman	Faculty Of Information Management	<i>Bengkel Pengenalan Dan Persediaan Inovasi Institut Aminuddin Baki (IAB), Kementerian Pendidikan Malaysia</i>	2,100.00

NO.	HEAD CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
29	Nurul Badriyah Ali	Academy Of Contemporary Islamic Studies	<i>Penceramah Sempena Bulan Tarbiyah Sekolah Tahun 2021</i>	50.00
30	Azura Abdul Jamil @ Kamarudzzaman	Faculty Of Information Management	<i>Penceramah Jemputan Bengkel Perkongsian Dan Review Inovasi Institut Aminuddin Baki, Kementerian Pendidikan Malaysia</i>	1,200.00
31	Azura Abdul Jamil @ Kamarudzzaman	Faculty Of Information Management	<i>Panel Juri Konvensyen Horizon Baharu Kumpulan Inovatif &amp; Kreatif Peringkat Kebangsaan 2021</i>	600.00
32	Alizah Ali	Department Of Law	<i>Pembangunan Pelan Tindakan Pemerkasaan Wanita Negeri Johor</i>	300.00

**Table 3.1.2 List Of Consultancy Projects For Pasir Gudang Campus**

NO.	HEAD CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
1	Ezril Hisham Mat Saat	School Of Electrical Engineering	<i>Perunding Sistem Zakat Online Universiti Teknologi MARA Cawangan Johor</i>	1,000.00
2	Ts. Dr. Mohamad Farid Misnan	School Of Electrical Engineering	<i>Perunding Sistem Elektrikal &amp; Elektronik Automotif Kenderaan, Eliybul Enterprise</i>	250.00
3	Muhammad Amir Mat Shah	School Of Mechanical Engineering	<i>Perunding Sistem Elektrikal &amp; Elektronik Automotif Kenderaan, Eliybul Enterprise</i>	250.00
4	Ahmad Khudzairi Khalid	Faculty Of Computer And Mathematical Sciences	<i>Penceramah Bagi Program School Break Edustem + Q Camp 2021</i>	50.00
5	Munirah Onn	Faculty Of Applied Sciences	<i>Penceramah Bagi Program School Break Edustem + Q Camp 2021</i>	50.00
6	Aznilinda Zainuddin	School Of Electrical Engineering	<i>Penceramah Bagi Program School Break Edustem + Q Camp 2021</i>	50.00
7	Dr. Mahfuzah Mohammed Zabidi	Academy Of Contemporary Islamic Studies	<i>Penceramah Bagi Program School Break Edustem + Q Camp 2021</i>	50.00
8	Norbaiti Tukiman	Faculty Of Computer and Mathematical Sciences	<i>Penceramah Bagi Program School Break Edustem + Q Camp 2021</i>	50.00
9	Dr. Nurhani Kasuan	School Of Electrical Engineering	<i>Investigation Of Telluric Effect (Stray Current) Influence In Petronas Gas Pipeline At Kedah And Malaysia-Thailand Border And It's Mitigation Plan</i>	5,000.00
10	Dr. Kamariah Md Isa	School Of Mechanical Engineering	<i>Perunding Bagi Projek Di Antara Fakulti Kejuruteraan Mekanikal UiTM Cawangan Johor Bersama Malakoff Power Berhad</i>	4,200.00

NO.	HEAD CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
11	Nur Iqtiyani Ilham	School Of Electrical Engineering	<i>Tenaga Pengajar Kursus Asas Elektrik</i>	150.00
12	Ahmad Najmie Rusli	School Of Mechanical Engineering	<i>Mereka Bentuk, Membina Dan Membekalkan Mesin Penerap Biskut Kelapa, Mesin Penggaul, Ketuhar Dan Meja Kerja</i>	10,000.00
13	Intan Suhada Azmi	School Of Chemical Engineering	<i>R&amp;D Terhadap Pinggan Berasaskan Batang Pisang Fasa 2</i>	750.00
14	Nursyuhada Zakaria	Academy Of Language Studies	<i>Pemeriksa (II) Skrip Jawapan Ujian Akhir</i>	72.00
15	Norbaiti Tukiman	Faculty Of Computer And Mathematical Sciences	<i>Konsultan Projek Marin</i>	500.00
16	Ahmad Khudzairi Khalid	Faculty Of Computer And Mathematical Sciences	<i>Perunding Program Latihan Modal Insan Kerjasama Pejabat Setiausaha Kerajaan Negeri Johor, Bahagian Pengurusan Sumber Manusia - DRKJ Management and Consultant</i>	300.00
17	Zahari Abu Bakar	School Of Electrical Engineering	<i>Bengkel Temuduga Dan Resume</i>	300.00
18	Mohd Haikal Mustafa	School Of Chemical Engineering	Webinar Talk	70.00
19	Munirah Onn	Faculty Of Applied Sciences	<i>Konsultan Penjagaan Lebah Kelulut</i>	120.00
20	Siti Nurul'Ain Zaiton	Faculty Of Applied Sciences	Webinar Q STEM A	163.00
21	Ts. Dr. Mohamad Farid Misnan	School Of Electrical Engineering	<i>Projek Penambahbaikan Sistem Elektrikal Penghawa Dingin Automotif Kenderaan (Opel Kadett C)</i>	250.00



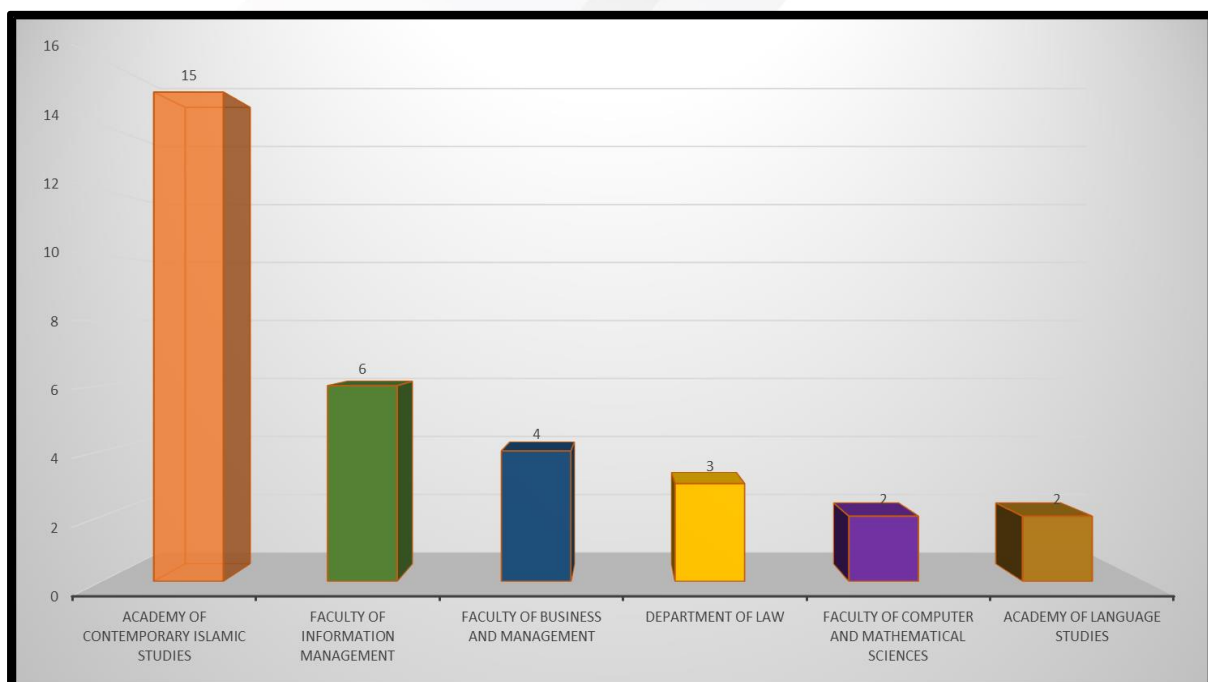
NO.	HEAD CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
22	Rozi Rifin	School Of Electrical Engineering	Training for Quality In Manufacturing	1,000.00
23	Nursyuhada Zakaria	Academy Of Language Studies	<i>Pemeriksa (II) Skrip Jawapan Ujian Akhir</i>	54.00
24	Dr. Saiful Najmee Mohamad	Faculty Of Applied Sciences	Nominal Operational Smart (NOS) Scheduling System	10,600.00
25	Doris Asmani Mat Yusof	School Of Civil Engineering	<i>Auditor Dalaman UiTM Pasir Gudang</i>	100.00
26	Nurhazirah Mohamad Yunos	Faculty Of Computer And Mathematical Sciences	<i>Tuisyen Matematik Bersama Haiqal</i>	100.00
27	Nurhazirah Mohamad Yunos	Faculty Of Computer And Mathematical Sciences	<i>Tuisyen Matematik Tambahan Bersama Haiqal</i>	100.00
28	Noor Shazreen A. Rahman	School Of Civil Engineering	<i>Auditor Dalaman UiTM Cawangan Johor Kampus Pasir Gudang Tahun 2021</i>	100.00
29	Zakiah Mohd Yusoff	School Of Electrical Engineering	<i>Penceramah Bagi Program Pemerkasaan Alumni MLFS Negeri Kelantan Secara Dalam Talian</i>	900.00
30	Arni Munira Markom	School Of Electrical Engineering	<i>Perunding Kepakaran Program Professional Diploma In Electrical &amp; Electronics Technology (Phase 1)</i>	68,580.00
31	Roslizayati Razali	School Of Civil Engineering	<i>Auditor Dalaman UiTM Cawangan Johor Kampus Pasir Gudang Tahun 2021</i>	100.00
32	Dr. Mohamad Zhafran Hussin	School Of Electrical Engineering	<i>Jawatankuasa Teknikal Penilaian Standard (JTPS) (Pembentangan - Pindaan) bagi Penilaian "Solar PV System" (Tahap 2 &amp; 3)</i>	600.00



NO.	HEAD CONSULTANT	FACULTY	TITLE/PROJECT	AMOUNT (RM)
33	Noor Raifana Ab Rahim	School Of Civil Engineering	<i>Audit Dalam Pra Pengawasan Bil. 1/2021</i>	100.00
34	Noor Raifana Ab Rahim	School Of Civil Engineering	<i>Audit Dalam Pra Pengawasan Bil. 2/2021</i>	100.00
35	Azmi Roslan	School Of Chemical Engineering	<i>Perunding Bagi Projek Penyelidikan Fakulti Kejuruteraan Mekanikal, UiTM Cawangan Johor, Kampus Pasir Gudang</i>	500.00
36	Siti Mariam Mohammad Iliyas	Academy Of Language Studies	<i>Penulis Skrip Untuk Video Rasmi Sempena Sambutan 25 Tahun Sekolah Menengah Sains Kota Tinggi (SAKTI)</i>	200.00
37	Dr. Azianti Ismail	School Of Mechanical Engineering	External Examiner “ Diploma Of Engineering Technology In Quality Engineering	1,000.00
38	Dr. Azianti Ismail	School Of Mechanical Engineering	<i>Bengkel Penyediaan Dan Pemurniaan Dokumen Akreditasi ETAC</i>	800.00

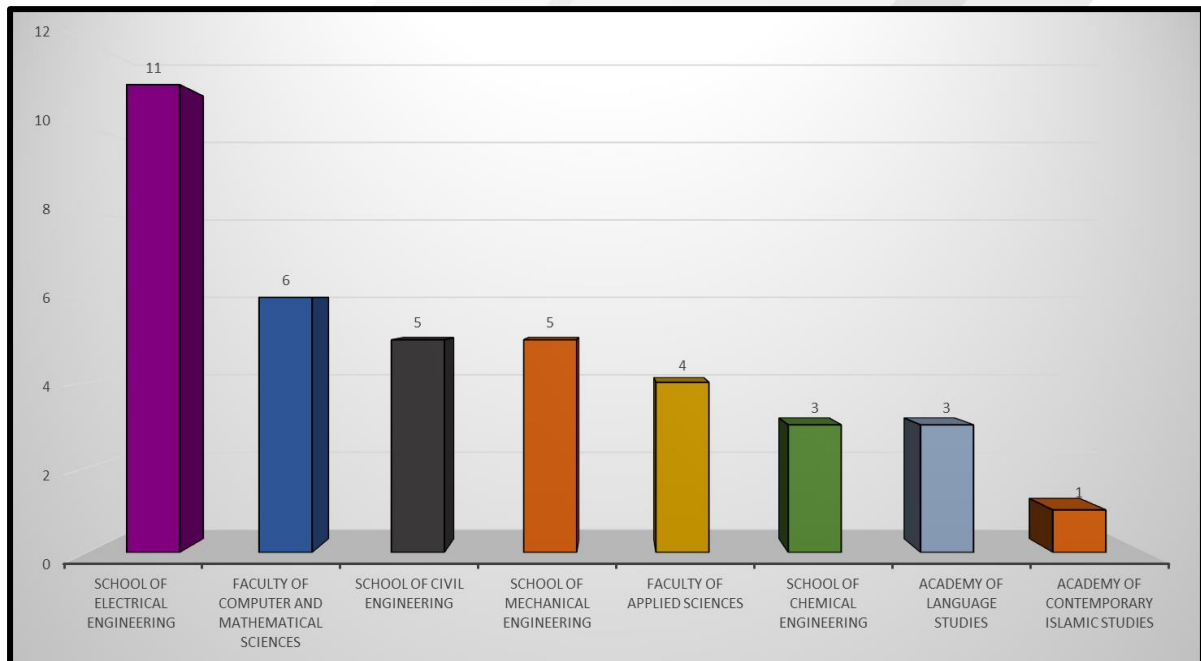
### 3.2 DATA AND PROJECTIONS

The number of consultancy projects of UiTM CJ according to faculties in 2021 is shown in Figure 3.2.1 and 3.2.2. From Figure 3.2.1, it is seen that the Academy of Contemporary Islamic Studies obtains the highest number of projects compared to the other faculties in Segamat Campus. The Academy manages to secure 15% more projects this year while all the other faculties show a decreasing trend compared to previous year. This trend is probably due to multiple Movement Control Order (MCO) restrictions that have significantly obstructed many activities which has led to withdrawal of numbers of projects.



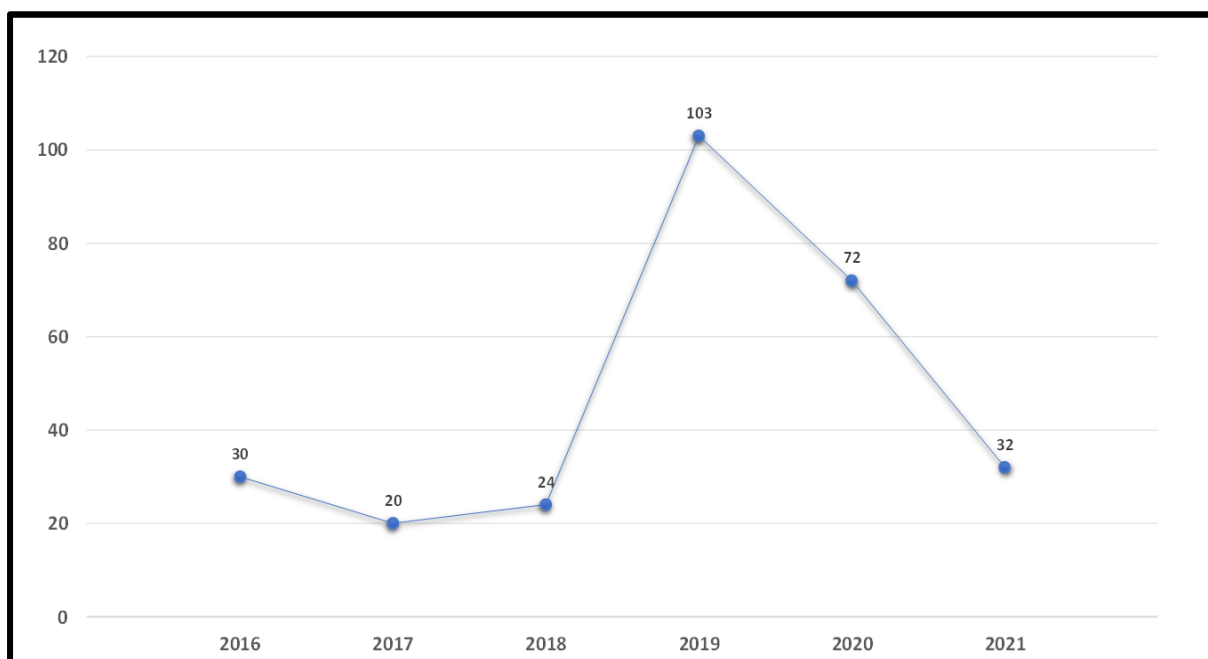
**Figure 3.2.1 Number Of Consultancy Projects By Faculty At Segamat Campus**

In Pasir Gudang Campus, School of Electrical Engineering is the most actively involved faculty with the highest record of consultation projects as shown in Figure 3.2.2, followed by Faculty of Computer and Mathematical Sciences with 6 projects secured. From the listing, School of Electrical Engineering, managed to lead 11 projects in 2021 as the result of active participation of the school members with projects of diverse sectors from within UiTM and the industrial sectors.



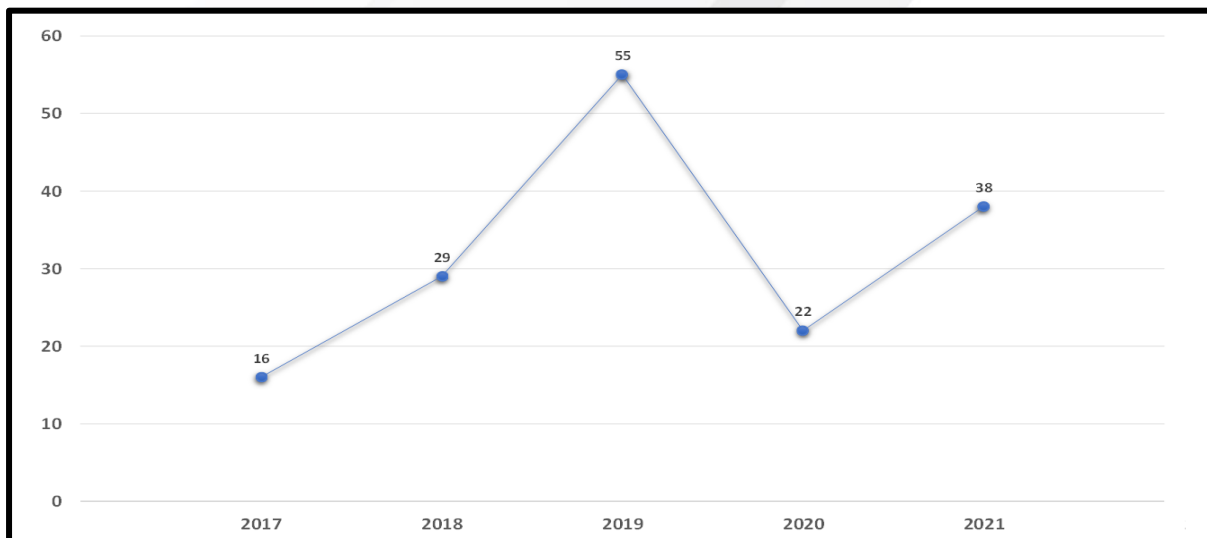
**Figure 3.2.2 Number Of Consultancy Projects By Faculty At Pasir Gudang Campus**

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 in 2021. 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, for example, *Kelas Akademik PKAYIS* could not be carried out since the programme involved face to face consultations between students and facilitators.



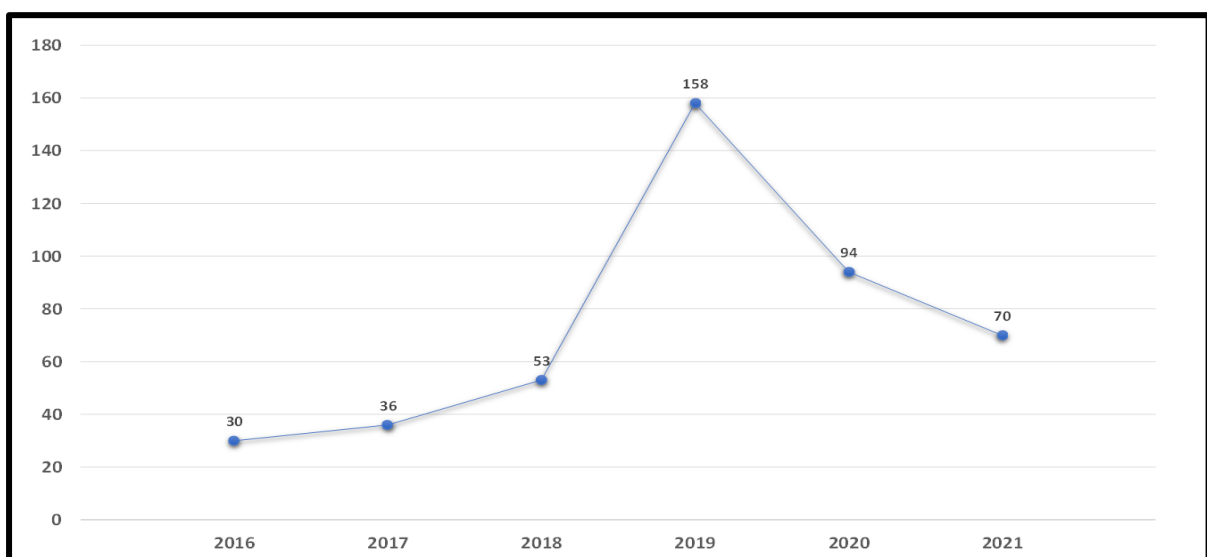
**Figure 3.2.3 Number Of Consultancy Projects At Segamat Campus (2016 – 2021)**

In Pasir Gudang Campus, the number of projects secured in 2021 increases significantly by 70% as compared to last year. This is because, unlike in the year 2020, the MCO standard operating procedures are revised hence, allowing more industrial activities to be conducted in 2021. This provides a better opportunity to staff members to secure more projects from the industrial sector.



**Figure 3.2.4 Number Of Consultancy Projects At Pasir Gudang Campus (2017 – 2021)**

The overall projection on total consultation activities by UiTM CJ for 2021 has yet to show any positive increasing signs as seen in Figure 3.2.5. However, the descending numbers of consultancy projects in the year 2021 is still considered low compared to the year before when the world was hit by the spread of disease, COVID-19.



**Figure 3.2.5 Total Number Of Consultancy Projects At UiTM CJ (2016 – 2021)**

# 2021

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## 4. INNOVATION, PATENT & COMMERCIALISATION

## SECTION 4

### INNOVATION, PATENT & COMMERCIALISATION

#### 4.0 INTRODUCTION

UiTM Cawangan Johor has actively participated in various innovation competitions, nationally and internationally. We won many awards and some were the special recognitions obtained in the competitions. Those competitions inspire the contestants to develop creative problem-solving skills through their train-of-thoughts, to engage in productive teamwork and to utilise effective communication, all of which are critical for future success in life. Some of the innovation products have been successfully registered for intellectual copyrights, making it to be one of the stepping stones towards commercialisation purposes.

#### 4.1 INNOVATION COMPETITIONS

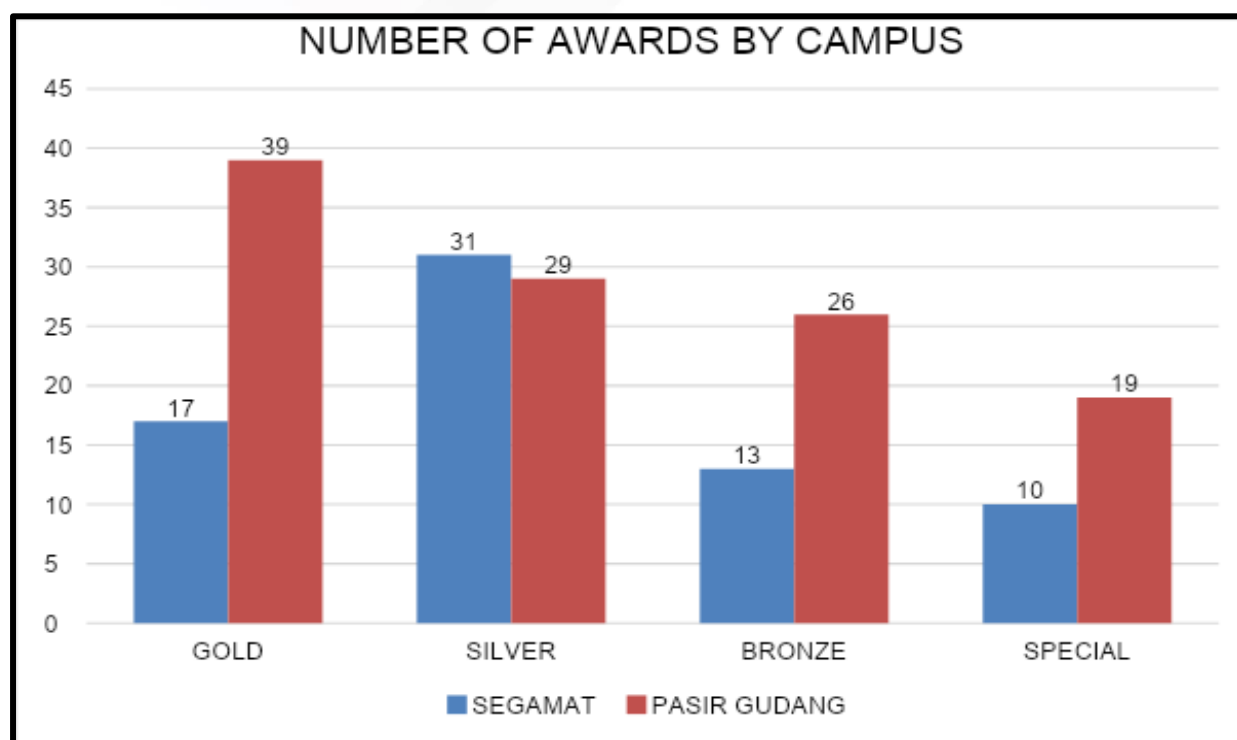
There were overwhelming participations by UiTMCJ in innovation competitions which resulted in 71 awards won by Segamat Campus and 113 awards won by Pasir Gudang Campus. Tables 4.1.1 and 4.1.2 show the number of awards won by Segamat Campus and Pasir Gudang Campus, respectively. The graph chart on the awards won by both campuses is shown in Figure 4.1.1.

**Table 4.1.1 Awards Won By Segamat Campus**

AWARDS	QUANTITY
Gold	17
Silver	31
Bronze	13
Special	10
<b>TOTAL</b>	<b>71</b>

**Table 4.1.2 Awards Won By Pasir Gudang Campus**

AWARDS	QUANTITY
Gold	39
Silver	29
Bronze	26
Special	19
<b>TOTAL</b>	<b>113</b>



**Figure 4.1.1 Awards Won By Both Campuses**

The total awards won by both campuses in 2021 are 184 awards, which is higher than the awards won in 2020, which was 108.



## 4.2 ACHIEVEMENTS

Several medals and awards have been presented to the staff who participated in those competitions. Table 4.2.1 to 4.2.26 display the list of competitions and awards obtained by the participants in the year 2021.

**NAME OF COMPETITION:** 4th Digitalised International Invention, Innovation, and Design Johor 2021 (4th DIID JOHOR 2021)

**Venue:** UiTM Cawangan Johor

**Date:** 2 September 2021

**Table 4.2.1 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Mohamad Hafiz Bin Rosli ii. Zakiah Baharin iii. Henny Hazliza Mohd Tahir iv. Siti Rahayu Sarman v. Siti Salimah Jalal	eBOARD PU DIA	Silver
2	i. Noreen Noor Abd Aziz ii. Assoc. Prof. Dr. Nor Balkish Zakaria iii. Nadia Nurul Najwa Mohmad Hassan iv. Dr. Juliana Mohd Abdul Kadir	Media Transparency, Awareness And Knowledge For Risk Management During Disaster	Silver
3	i. Rusnani Mohamad Khalid ii. Nurul Aien Abd Aziz iii. Noreen Noor Abd Aziz iv. Shaherah Abdul Malik v. Mohd Hafizan Musa	A Study On The Acceptance Of E-Learning Among Distance Learners: A Case Study On Public Universities In South Malaysia	Silver
4	i. Nor Diana Abd Rahman ii. Isma Ishak iii. Dr. Siti Nuur Ila Mat Kamal iv. Suhaila Osman	Ekubsis 2.0: Strategizing Muslim Cemetery In Malaysia	Silver

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
5	i. Puteri Nur Hidayah Kamaludin ii. Nurul Fatinah Dellah iii. Nursyafiqah Zabidin iv. Nurshaza Farah Md Sharif v. Nor Afifa Nordin	Small Talk	Silver
6	i. Toh Ling Ling ii. Chong Peng Hwa iii. Gan Kiat Chien iv. Lai Yuh Ying v. Chu Hong Heng	Mandarin Integrated Tools (MIT): Collaborative Teaching Materials For Mandarin Language Learners Via Digital Platform	Bronze
7	i. Dr. Azila Jaini ii. Dr. Nurul Izyan Mat Daud iii. Dr. Noor Raihani Zainol iv. Dr. Nur Ain Ayunni Sabri v. Dr. Fatihah Mohd	Synchronous And Asynchronous Online Assessments Using Plickers And Go Formative	Bronze

**Table 4.2.2 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Noratikah Zawani Mahabob ii. Ts. Dr. Zakiah Mohd Yusoff iii. Aqib Fawwaz Mohd Amidon iv. Ir. Ts. Dr. Nurlaila Ismail v. Prof. Ir. Ts. Dr. Haji Mohd Nasir Taib	Intelligent Grading Of Agarwood Essential Oil Quality Using Artificial Neural Network (ANN)	Best Of The Best Award S&T (Tertiary), Gold
2	i. Mohd Rilizam Rosli ii. Mohd Shukri Mohd Senin iii. Mohd Farhan Ahmad iv. Nurul Izzati Abu Bakar	<i>Pembelajaran Mengaji Iqra' Secara Atas Talian (Online)</i>	Gold
3	i. Dr. Nur Hazirah Rozali Annuar ii. Zulaikha Athirah Alexzman iii. Assoc. Prof. Ir. Dr. Ahmad Rafizan Mohamad Daud iv. Dr. Mohd Lokman Ibrahim	Chromium Oxide Silica Catalyst For Conversion Of Biomass To Biofuels: An Alternative In Replacing Fossil Fuels	Gold

<b>PASIR GUDANG CAMPUS</b>			
<b>NO.</b>	<b>MEMBERS</b>	<b>PROJECT TITLE</b>	<b>AWARD</b>
4	i. Dr. Nik Norliyana Nik Ibrahim ii. Ts. Dr. Mohamad Farid Misnan iii. Assoc. Prof. Ir. Dr. Norashikin M. Thamrin	Smart Composting Bin With EM For Efficient Data Analysis	Silver
5	Dr. Mohd Fairuz Bachok	F-C Tutorial App: Active Learning Approach Via Mobile Application Technology To Develop Student Intrapersonal Skills	Silver
6	i. Nurul Hazwani Sabri ii. Ts. Adrina Rosseira Abu Talip iii. Norin Hafizah Rahim iv. Dr. Wan Nur Fazlina Abdol Jani v. Azmi Roslan	Biochar From Activated Sludge With Microplastic Extraction As Replacement In Cement Mortar	Silver
7	i. Ooi Sing Ee ii. Dr. Siang Lay Choo iii. Assoc. Prof. Dr. Soo Kum Yoke iv. Chong Peng Hwa v. Ting Hie Ling	Pocket Mandarin	Silver
8	i. Juliana Martin ii. Ts. Dr. Mohd Amran Hasbullah iii. Ts. Mohd Zulkhairi Mat Salleh iv. Asmawati Che Hasan v. Herda Balqis Ismail	Module On Microplastics Awareness	Bronze
9	Ahmad Idzwan Yusuf	SSA : Site Safety Assistant	Bronze

**NAME OF COMPETITION:** 4th International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity 2021 (iMIT SIC 2021)

**Venue:** UiTM Cawangan Pahang

**Date:** 24 August 2021

**Table 4.2.3 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nurul Aien Abd Aziz ii. Mohd Hafizan Musa iii. Noreen Noor Abd Aziz iv. Shaherah Abdul Malik v. Rusnani Mohamad Khalid	Teaching On The Go	Top 10 Best Winners, Gold
2	i. Oswald Timothy Edward ii. Aloysius Harry Mukti	SME And Microenterprise Risk Profiling Tool	Gold
3	i. Assoc. Prof. Dr. Rahimah Mohamed Yunos ii. Assoc. Prof. Dr. Syahrul Ahmar Ahmad iii. Dr. Siti Masnah Saringat	Subject's Weekly-Things-To-Do Itinerary: Charting Students' Open And Distance Learning (ODL) Activities	Silver
4	i. Dr. Roslina Haji Mohamad Shafi ii. Dr. Tan Yan Ling	Sukuk GR- Nexus	Silver
5	i. Assoc. Prof. Dr. Raja Adzrin Raja Ahmad ii. Noor Hidayah Ab Aziz iii. Norhidayah Abdullah iv. Noor Azrin Zainuddin v. Assoc. Prof. Dr. Saunah Zainon	CSI-Kit Navigator	Silver
6	i. Dr. Nurul Azlin Azmi ii. Fazrul Hanim Abd Sata iii. Norhidayah Abdullah iv. Noor Hidayah Ab. Aziz	Political Intervention Scanner	Silver

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
7	i. Norintan Wahab ii. Rahmawati Mohd Yusoff iii. Rosnani Mohd Salleh iv. Siti Mariam Atan	Model For Sustainability & Management Of Waqf Properties In Johor	Silver
8	i. Nor Diana Abd Rahman ii. Isma Ishak iii. Dr. Siti Nuur Ila Mat Kamal iv. Suhaila Osman	E-Kubsis 2.0: Strategizing Muslim Cemetery In Malaysia	Silver
9	i. Mohamad Hafiz Rosli ii. Farhana Hasbolah	A Simple Guide To Accounting For Business Combination: Teaching And Learning Approach	Silver
10	Jaslin Md Dahlan	DGM@BA252	Silver
11	i. Jaslin Dahlan ii. Mohamad Amin Muqtadir Mohamad Rosli iii. Ezzah Syahirah Johan Marsh iv. Siti Amira Aisyah	Campgain- Innovative Learning	Silver
12	i. Zuraidah Sipon ii. Nur Athirah Nor Azman iii. Nur Atikah Ismail iv. Nur Fatin Allya Abdul Halim v. Nur Intan Solihah Mohd Saufia	Webinar Investment Link Providers (WILIP)	Silver
13	i. Zuraidah Sipon ii. Nur Jannah Naili Mohd Rozali iii. Nur Shahira Mohd Nuti iv. Nur Izzatur Fatihah Muhammad Tahir v. Annur Akmal Mohd Hazed	Money Momentum	Silver
14	i. Ts. Dr. Rashidah Mokhtar ii. Safura Adeela Sukiman iii. Azrina Suhaimi iv. Mohd Lezam Lehat	50 Common Mistakes In C++: Discover The Mistakes To Prevent Mistakes	Silver

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
15	i. Ts. Dr. Rashidah Mokhtar ii. Ts. Dr. Nur Huda Jaafar iii. Zuriati Ismail iv. Mazlyda Abd Rahman v. Mohd Hanafi Azman Ong	Education 4.0: Technology Readiness Index Among Academicians	Silver
16	i. Dr. P. Siva Shamala Palaniappan ii. Muruga A/L Chinniah iii. Ahmed Fadel	Implementation And Comparison Of Three Hash Algorithms On Time And Avalanche	Silver
17	i. Dr. Nur Fatihah Shaari ii. Dr. Nurkhairany Amyra Mokhtar iii. Dr. Fatin Farazh Ya'acob iv. Dr. Basri Badyalina	Natural Freshness And Defensive Spray	Bronze
18	i. Zuraidah Sipon ii. Muhammad Afiq Fikri Mohd Nazri iii. Muhammad Zafri Zambari iv. Muhammad Aiman Hassani Abd Nasir v. Mohamad Luqman Afiq Zulkifli	In Campus Ewallet (ICE)	Bronze

**Table 4.2.4 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Aqib Fawwaz Mohd Amidon ii. Noratikah Zawani Mahabob iii. Ir. Ts. Dr. Nurlaila Ismail iv. Ts. Dr. Zakiah Mohd Yusoff v. Prof. Ir. Ts. Dr. Haji Mohd Nasir Taib	Four Different Grading Of Agarwood Oil Classification To Improve The Performance Of Modelling Based On Multiclass Support Vector Machine	Top 10 Best Winner
2	i. Nor Hafiz Nordin ii. Ts. Haszeme Abu Kasim iii. Ts. Dr. Ab. Aziz Mohd Yusof iv. Ts. Mohd Fahmi Md. Salleh v. Ts. Hazim Sharudin	Smart Motorised Grill	Gold



PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
3	i. Noratikah Zawani Mahabob ii. Aqib Fawwaz Mohd Amidon iii. Ts. Dr. Zakiah Mohd. Yusoff iv. Ir. Ts. Dr. Nurlaila Ismail v. Prof. Ir. Ts. Dr. Haji Mohd Nasir Taib	Improving The Performance Of Modelling The Agarwood Oil Based On Principal Component Analysis (PCA) And The Intelligent Of Ann Classification	Gold
4	i. Aqib Fawwaz Mohd Amidon ii. Noratikah Zawani Mahabob iii. Ir. Ts. Dr. Nurlaila Ismail iv. Ts. Dr. Zakiah Mohd Yusoff v. Prof. Ir. Ts. Dr. Haji Mohd Nasir Taib	Four Different Grading Of Agarwood Oil Classification To Improve The Performance Of Modelling Based On Multiclass Support Vector Machine	Gold
5	i. Dr. Mohd Fairuz Bachok ii. Hairul Anuar Haron iii. Siti Hawa Rosli iv. Farah Wahida Mohd Latib v. Zulfairul Zakariah	Animal Hazards Road Profile (Anizardspro) Ap	Gold
6	Ts. Mohammad Abdullah	Natkap 2.0 - Floating Natural Oil Filter For Fish Cage Farming Using Double Layer Of Kapok Fibre	Gold
7	Mohd Fairuz Bachok	Windstorm Risk Forewarning (Wiskwarn) App	Gold
8	i. Intan Suhada Azmi ii. Mohd Jumain Jalil iii. Danial Naruddin Azlan iv. Raofuddin Hamzah v. Hafizuddin Habri vi. Mohamad Heiry Mohd Azmi	High Selectivity Of Eco-Friendly Epoxide From Palm Oleic Acid	Silver
9	i. Harris Daniel Izwani Masri ii. Ts. Mohammad Abdullah iii. Muhammad Afi Hazim Asri iv. Muhammad Iqbal Norinzan v. Ahmad Khudzairi Khalid	E-Module Organic Fertiliser From Food Waste Using #Pibo Tiktok App For Community Kampung Sepakat, Johor	Silver



**NAME OF COMPETITION: Penang Invention, Innovation And Research Design 2021 (PIID 2021)**

**Venue: UiTM Cawangan Pulau Pinang**

**Date: 10 - 11 March 2021**

**Table 4.2.5 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Syamsyul Samsudin ii. Nik Nur Shafika Mustafa iii. Ferri Nasrul iv. Rohanizan Md Lazan v. Nurul Haida Johan vi. Dr. Maizura Md Isa	SULAM For INV 621	Gold
2	i. Azlina Jumadi ii. Muhammad Haziq Izzuddin Saipul Bahri	Dry Dustbin	Bronze

**Table 4.2.6 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Ahmad Najmie Rusli ii. Nurul Nadiyah Rasdi iii. Muhammad Fadil Mustar iv. Adi Nazmi Mohd Naim v. Nik Mohd Khairuddin Nik Ismail	Anti-Germs Pen Holder	Special Award: MGBC Award, Gold
2	i. Ezril Hisham Mat Saat ii. Noor Hasliza Abdul Rahman iii. Nur Amalina Muhamad	IOT Based Small Scale Energy Monitoring System	Gold
3	i. Noratikah Zawani Mahabob ii. Ts. Dr. Zakiah Mohd Yusoff iii. Ir. Ts. Dr. Nurlaila Ismail iv. Prof. Ir. Ts. Dr. Haji Mohd Nasir Taib	The Capabilities Of Artificial Neural Network (ANN) Training Algorithms In Classifying Agarwood Essential Oil Quality Grades	Gold

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
4	Munirah Onn	Kelulut E-Book	Gold
5	i. Dr. Siti Hazurah Indera Putera ii. Norbaiti Sidik iii. Nur Iqiyani Ilham iv. Mashitah Mohd Hussain	Automated Blood Gas Modelling For Ventilated Patients In The ICU	Special Award (Best Design), Silver
6	i. Norbaiti Tukiman ii. Dr. Ng Set Foong iii. Ahmad Khudzairi Khalid iv. Nur Intan Syafinaz Ahmad v. Suhana Mohamed	Snake And Ladder Games For Fun Statistics Learning (SLSTAT)	Silver
7	Munirah Onn	Low Cost IOT-Based Voice Controlled Home Device For Physical And Visual Impaired People	Silver
8	i. Ab Aziz Mohd Yusof ii. Ainaa Maya Munira Ismail iii. Azizul Hakim Samsudin iv. Muhamad Noor Harun	WBAA - A Development Of Rowng Dynamic Simulator Hydroblade	Silver
9	i. Miqdad Khairulmaini ii. Muhammad Kamil Nazmi Abdull Kahar iii. Khairun iv. Iman Yusrina Badrul Hisham v. Maisarah Syafiqah Mohd Jasni vi. Muhammad Nur Afief Razidisham vii. Muhammad Zarith Shazriq Azhar	Dua-D: Design For A Mechanically Operated Tissue Roll And Hand Sanitizer Device	Silver
10	i. Mashitah Mohd Hussain ii. Nur Iqtiyani Ilham iii. Hazurah Indera Putera	An Intelligent Of Multipurpose Electrochromic Window Amicable For Disable User Connected To IOT Implementation	Silver
11	i. Mashitah Mohd Hussain ii. Norbaiti Sidik iii. Nuriqtiyani Ilham	Sun Adjustable Solar And Windmill Power Generator	Silver

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
12	i. Nor Syamimi Razali ii. Nur Aqilah Ahmad Jafri iii. Norhalida Othman iv. Nurhani Kasuan v. Masmaria Abd Majid	Development Of Heart Attack Pillow Detector	Silver
13	Munirah Onn	Propolis Herbs Organic Body Wash	Silver
14	i. Muhammad Daniel Bahuddin ii. Hazriel Faizal Pahroraji iii. Muhamad Radzlan Mohammad Radzi iv. Muhammad Ammar Mohd Najib v. Ameer Allysha Mohd Khir Juhari	Multipurpose Lifter	Best Design Award, Bronze
15	i. Mohamad Syazwan Amer ii. Abdul Hadi Abdul Halim iii. Noor Hafizah Khairul Anuar iv. Norhalida Othman v. Nurul Nadia Mohammad	Embedded Greenhouse Monitoring With IOT System	Bronze
16	i. Noor Hasliza Abdul Rahman ii. Ezril Hisham Mat Saat iii. Zahari Abu Bakar	IOT Based College Smoker Tracker System	Bronze
17	i. Muhammad Syafiq Mohd Salleh ii. Nurman Hakim Nordin iii. Ezril Hisham Mat Saat iv. Noor Hasliza Abdul Rahman v. Nur Amalina Muhamad	Small Scale IOT Based Energy Monitoring System	Bronze
18	i. Muhammad Aiqal Iskandar ii. Muhammad Akmal Johari iii. Norhalida Othman iv. Nur Amalina Muhamad	Development Of Hutan Care Detector	Bronze

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
19	i. Reena Zafirah Rusidi ii. Wan Anis Zulaikha Mohd Adib iii. Noor Hasliza Abdul Rahman iv. Ezril Hisham Mat Saat v. Zahari Abu Bakar	Small Scale IOT Based Energy Monitoring System	Bronze
20	i. Sufian Mohamad ii. Norbaiti Sidik iii. Ruzainy Aiman Rizal iv. Ahmad Muzamer Putera Ahmad	Smart Restaurant Menu Ordering System	Bronze
21	i. Norbaiti Binti Sidik ii. Muhammad Haikal Ahmad Guzali iii. Ahmad Iqmal Hussaini Ahmad Tazmin iv. Sufian Mohamad v. Hazurah Indera Putera	The Smart Parking Model	Bronze
22	Munirah Onn	Gelenggang Propolis Balm	Bronze
23	i. Ts. Adrina Rosseira Abu Talip ii. Herda Balqis Ismail iii. Muhammad Bazli Faliq Mohd Puaad iv. Arbanah Muhammad v. Muhammad Hafeez Norazalan	Malaysian Timber As Construction Material Replacement	Bronze
24	i. Shazanazifa Shah Rudin ii. Sofea Anastasia Mohd Said iii. Rozi Rifin iv. Putri Zainurliana Mohd v. Zairul Zairi Fitri vi. Siti Sarah Azhan	IOT Based Thrash Sorting Machine	Bronze

**NAME OF COMPETITION: 5th International Innovation, Design and Articulation (i-IDEA™) Competition**

**Venue: UiTM Cawangan Perlis**

**Date: 8 - 18 March 2021**

**Table 4.2.7 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nur Liyana Mohamed Yousop ii. Zuraidah Sipon iii. Zuraidah Ahmad iv. Shashazrina Roslan v. Norhasniza Mohd Hasan Abdullah vi. Nur'asyiqin Ramdhan	Elis Schoolbase: An Introductory Guide For Parents	Gold

**Table 4.2.8 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Noor Hafiz Noordin ii. Norhisyam Jenal iii. Ab Aziz Mohd Yusof iv. Mohd Fahmi Md Salleh v. Hazim Sharudin vi. Haszeme Abu Kasim vii. Ahmad Hilmi Khalid	Handysmart Lightweight Grill	Gold
2	i. Ts. Dr. Zakiah Mohd Yusoff ii. Noratikah Zawani Mahabob iii. Ir. Ts. Dr. Nurlaila Ismail iv. Prof. Ir. Dr. Haji Mohd Nasir Taib	Intelligent Grading Of Agarwood Essential Oil Quality Using ANN Model	Special Award
3	i. Ts. Dr. Zakiah Mohd Yusoff ii. Noratikah Zawani Mahabob iii. Ir. Ts. Dr. Nurlaila Ismail iv. Prof. Ir. Ts. Dr. Haji Mohd Nasir Taib	Intelligent Grading Of Agarwood Essential Oil Quality Using ANN Model	Gold

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
4	i. Ts. Dr. Zakiah Mohd Yusoff ii. Syamimi Aqila Zulkhairi iii. Nurul Tasnim Mohamad iv. Ts. Dr. Arni Munira Markom	RFID Access Control System Using Internet Of Thing (IOT)	Silver
5	i. Ts. Dr. Zakiah Mohd Yusoff ii. Uwais Shamsuddin iii. Lutfil Hadi Jamal iv. Ts. Dr. Arni Munira Markom	Wireless Hand Motion Controlled Robotic Arm	Bronze
6	i. Siti Nurul'ain Haji Zaiton ii. Hairul Amiza Azman iii. Munirah Onn iv. Mohd Haikal Mustafa	Averflos Herbal Soap	Bronze
7	i. Hairul Amiza Azman ii. Siti Nurul 'ain Haji Zaiton iii. Munirah Onn	Spectroscopic Study For New And Efficient Dssc Compound (R6) For Energy Conversion	Bronze

**NAME OF COMPETITION:** 3rd Kelantan International Learning And Innovation Exhibition (KILIX)

**Venue:** UiTM Cawangan Kelantan

**Date:** 29 June 2021

**Table 4.2.9 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Syamsyul Samsudin ii. Nik Nur Shafika Mustafa iii. Rohanizan Md Lazan iv. Nurul Haida Johan v. Dr. Maizura Md Isa vi. Ferri Nasrul	SULAM For INV 621	Gold

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
2	i. Syamsyul Samsudin ii. Mohamad Azwan Md Isa iii. Dr. Norashkin Ismail iv. Ruziah A. Latif	Sensitivity Of Bank Stock Return: A Framework For Malaysia Financial Institution Based On OLS And Garch Model	Bronze
3	i. Jaslin Md Dahlan ii. Jaslina Md Dahlan	DGM In Action	Silver
4	i. Jaslin Md Dahlan ii. Mohamad Amin Muqtadir Mohamad Rosli iii. Ezzah Syahirah Johan Marsh iv. Siti Amira Aisyah Azman	Engagement Motion: Learning By Sharing	Silver, Top 5 Award
5	i. Jaslin Md Dahlan ii. Falisha Najwa Rohizat iii. Anis Wardah Azman	Juita: Learning By Teaching	Bronze

**Table 4.2.10 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Rohaya Sulaiman ii. Nurhuda Ismail iii. Siti Fairuz Sujak	Al-Quran & Science Challenge Games	Top 5 Award (Level Z: Gamification In Teaching & Learning), Gold



**NAME OF COMPETITION:** 10th International Innovation, Invention & Design Competition (INDES 2021)

**Venue:** UiTM Cawangan Perak

**Date:** 14 November 2021

**Table 4.2.11 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Dr. Juliana Mohamed Abdul Kadir ii. Dr. Norashikin Ismail iii. Ts. Dr. Ahmad Razi Ramli iv. Assoc. Prof. Dr. Akmal Aini Othman v. Assoc. Prof. Dr. Vgr Chandran Govindaraju	A Framework Of Fuel Subsidy, Fuel Consumption And Co2 Emissions In The Road Transport Sector	Special Award (Best In New Norm & Sustainability), Gold
2	i. Nur Liyana Mohamed Yousop ii. Wan Mohd Farid Wan Zakaria iii. Siti Noorazliena Anuar iv. Muhammad Ammar Zahin Musa v. Nur Fatehah Mohamed Nawi vi. Nurul Farhana Numan	ATM Beam V2	Silver

**Table 4.2.12 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Siti Nor Hafiza Mohd Yusoff ii. Asmawati @ Fatin Najihah Alias iii. Dr. Nur Hazirah Rozali Annuar iv. Dr. Haryana Mohd Hairi v. Dr. Muhamad Saipul Fakir vi. Dr. Shamsul On	Nam-Nam Germ Protection: Covid 19 Go Away	Best Theme Award, Gold
2	i. Nur Muizzah Nawi ii. Doris Asmani Mat Yusof iii. Siti Shahidah Sharipudin iv. Nora Farina Mohd Halim v. Nor Mayuze Mohamad	Enhancement Of Soil Strength Using CSBP	Silver

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
3	i. Nur Alyani Khairol Anuar ii. Nurul Hijah Jasman iii. Nursuhaila Ibrahim iv. Muhammad Irfan Mokhtar	Alternatively...	Silver

**NAME OF COMPETITION:** Teaching and Learning Poster Ideas (TALPI 2021)

**Venue:** UiTM Cawangan Perak

**Date:** 1 October 2021

**Table 4.2.13 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Ts. Dr. Nur Huda Jaafar ii. Zuriati Ismail iii. Mohd Hafizan Musa iv. Suhanah Rosnan	A.O.T.L Guide: The Asynchronous Online Teaching & Learning Guideline	Silver

**Table 4.2.14 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nur Alyani Khairol Anuar ii. Nurul Hijah Jasman iii. Nursuhaila Ibrahim iv. Muhammad Irfan Mokhtar	TEXTRAPOLY 3.0	Gold
2	i. Nursyuhada Zakaria ii. Nur Alyani Khairol Anuar iii. Nurul Hijah Jasman iv. Nursuhaila Ibrahim v. Muhammad Irfan Mokhtar	JESTER 2.0	Gold

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
3	Nor Mayuze Mohamad	Using Smatvlab To Enhance Engineering Student's Psychomotor Skill During Covid-19 Pandemic	Bronze

**NAME OF COMPETITION: 2nd Graduate Digital Invention, Innovation & Design (GDIID) 2021**

**Venue: UiTM Cawangan Terengganu**

**Date: 30 August 2021**

**Table 4.2.15 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Zuraidah Sipon ii. Nurul Asdiana Khairuddin iii. Nabila Huda Abdullah iv. Noraina Khairullah v. Noor Assyurah Norizam	GOSCAN!!	Gold
2	i. Zuraidah Sipon ii. Amyzatul Shahirah Zailaini iii. Aina Safwah Saleh iv. Amirah Afiqah Kamarudin v. Nur Izzati Mohd Noor	Payplay Mobile Application	Gold
3	i. Zuraidah Sipon ii. Muhammad Haikal Hanafi iii. Shafirulhaizal Affif Mohd Faezal iv. Muhammad Haziq Aiman A.Razak v. Nur Amir Muizzuddin Zulkarnain	MyZakat	Bronze

**Table 4.2.16 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nir Aini Laili Noor Habib ii. Syazwani Mohd Zokri iii. Norhaslinda Zull Pakkal iv. Nur Syamilah Arifin v. Abdul Rahman Mohd Kasim	MHD Stagnation Point Flow In Ferrofluid Over A Stretching Sheet	Bronze
2	i. Mohd Rilizam Rosli ii. Mohd Shukri Mohd Senin iii. Mohd Ali Muhammad Don	<i>Blog Interaktif Kursus Penghayatan Etika Dan Peradaban 1</i>	Bronze

**NAME OF COMPETITION: Virtual Innovation Competition 2021**

**Venue: UiTM Cawangan Kelantan**

**Date: 29 September 2021**

**Table 4.2.17 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Siti Zariikh Sofiah Abu Bakar ii. Zuraidah Sumery iii. Fairuz Husna Mohd Yusof iv. Dia Widyawati Amat v. Diana Othman vi. Haniza Sarijari	eINDUCTIONUNI	Special Award, Gold
2	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	Gold
3	i. Zoramaznum Sainan ii. Norintan Wahab iii. Dr. Rahmawati Mohd Yusoff iv. Rosnani Mohd Salleh	Projek Acasa	Silver

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
4	i. Norhasniza Mohd Hasan Abdullah ii. Azmer Zul Imman Mohd Azlan iii. Siti Nurul Balqis Zamingan iv. Nur Aina Syafiqah Azeli v. Nik Zurina Nik Amir	Cashback Micro-Investment (CMI)	Silver
5	i. Norhasniza Mohd Hasan Abdullah ii. Ahmad Aiman Dinie Mohd Rozi iii. Fatin Ameera Mohd Fahamee iv. Wan Nur Syazwina Wan Haswani v. Ahmad Mohd Affandi	Mini E-Trolley	Bronze

**Table 4.2.18 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Siti Nurul'ain Hj Zaiton ii. Hairul Amiza Azman iii. Norhafini Hambali iv. Munirah Onn v. Mohd Haikal Mustafa	Averrflos	Merit Of Achievement, Gold
2	i. Zeno Michael ii. Nurrul Amilin Zainal Abidin iii. Azmi Roslan iv. Mohamed Khatif Tawaf Mohamed Yusof v. Siti Shahidah Sharipuddin vi. Shahrul Nizam Mohammad vii. Ilya Izyan Shahrul Azhar	An Eco-Friendly Concrete Blends From Palm Oil Boiler Ash	Gold
3	i. Ts. Dr. Diana Che Lat ii. Ir. Dr. Ismacahyadi Bagus iii. Mohamed Jais iv. Atiqah Najwa Zainuddin v. Roslizayati Razali vi. Siti Nur Aishah Mohd Noor vii. Noor Shazreen A. Rahman	Sinkhole Smart Remedy: Pu Injection	Gold

<b>PASIR GUDANG CAMPUS</b>			
<b>NO.</b>	<b>MEMBERS</b>	<b>PROJECT TITLE</b>	<b>AWARD</b>
4	i. Khatif Tawaf Mohamed Yusof ii. Siti Shahidah Sharipudin iii. Shahrul Nizam Mohammad iv. Zeno Michael v. Nurul Amilin Zainal Abidin vi. Azmin Roslan vii. Mohamed viii. Ilya Izyan Shahrul Azhar	Eco-Bac: An Eco-Friendly Concrete Blends From Palm Oil Boiler Ash	Gold
5	i. Muhammad Naqib Afiq Hanuar ii. Ahmad Khudzairi Khalid iii. Norbaiti Tukiman iv. Nurul Balqis Nor'ra, v. Mohamad Syahmeer Mohd Sha'izan vi. Ahmad Hakim Khamis vii. Norfazrin Yasmin Mohd Faizal viii. Che Muhammad Haiqal Che Halim	IV-STEM Kit: Diy Magic Balloon	Gold
6	i. Ts. Mohammad Abdullah ii. Prof. Dr. Luqman Chuah Abdullah iii. Assoc. Prof. Dr. Siti Nurul Ain Md Jamil iv. Assoc. Prof. Dr. Rohah A. Majid v. Prof. Dr. Ir Thomas Choong Shean Yaw vi. Dr. Abel A. Adeyi	SIREM - Simultaneous Removal Of Contaminant Using Modified Polymer	Gold
7	i. Ts. Mohammad Abdullah ii. Ahmad Khudzairi Khalid iii. Nur Khairina Usup iv. Nur Syaza Aqilah Saiful v. Muhammad Nizarudin Nizam vi. Nur Wahidatulain Jamil vii. Muhammad Noorirfan Anuar Ismail	Biokap - Floating Kapok Filter For River Treating From Floating Waste	Gold

<b>PASIR GUDANG CAMPUS</b>			
<b>NO.</b>	<b>MEMBERS</b>	<b>PROJECT TITLE</b>	<b>AWARD</b>
8	i. Zainul Haziman Hisam ii. Munirah Onn iii. Wan Amira Zafirah Zulkifli iv. Muhammad Rasydan Abd Rashid v. Muhammad Syaahiir Mohd Ridzuan Lee vi. Muhammad Arif Abd Syukor	Bee Friendz Kelulut Face Soap	Gold
9	i. Muhammad Arif Abd Syukor ii. Munirah Onn iii. Muhammad Faizzuddin Omar iv. Muhammad Rasydan Abd Rashid v. Zainul Haziman Hisam vi. Muhammad Syaahiir Mohd Ridzuan Lee vii. Nur Syahmina Suhaimi viii. Muhammad Syafiq Farhan Muhammad Farid	Bee Friendz Gelanggang Propolis Balm	Gold
10	i. Muhammad Syaahiir Mohd Ridzuan Lee ii. Munirah Onn iii. Nurul Najwa Mohd Noor iv. Siti Nurlaila Nadira Mohd Pakhri v. Nur Ain Amila Rosli vi. Zainul Haziman Hisam vii. Muhammad Arif Abd Shukor	Kelulut Propolis Herbs Organic Body Wash	Gold
11	i. Muhammad Rasydan Abd Rashid ii. Munirah Onn iii. Muhammad Syafiq Farhan Muhammad Farid iv. Nur Syahmina Suhaimi v. Umairha Syafiqah Kelana vi. Siti Nasuha Azahar vii. Syaza Afiqah Fadzil viii. Muhammad Arif Abd Shukor	Kelulut E Book 2.0	Silver



PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
12	i. Dr. Nurul Nadia Mohamad ii. Abdul Aziz Mohamad iii. Muhammad Zakwan Norbi iv. Norhalida Othman v. Noor Hafizah Khairul Anuar vi. Masmaria Majid vii. Dr. Nur Amalina Muhamad	Obstacle Detection Glove For Blind Person Walking Aid With GSM	Bronze
13	i. Siti Nurul'ain Haji Zaiton ii. Saiful Najmee Mohamad iii. Munirah Onn iv. Hairul Amiza Azman v. Siti Mariam Mohammad Iliyas	Ebook Pheasyics: Easy Physics For All	Bronze
14	i. Nurhazirah Mohamad Yunos ii. Dr. Taufiq Khairi Ahmad Khairuddin iii. Aishah Mahat	Ellipsoidal First Order Polarisation Tensor (EFOPT) Calculator	Bronze
15	i. Ts. Mohammad Abdullah ii. Assoc. Prof. Dr. Soo Kum Yoke iii. Ahmad Khudzairi Khalid	IVPV - Interactive Virtual Plant Visit Card Game Using AG (Augmented Reality) Code	Bronze

**NAME OF COMPETITION: Negeri Sembilan International Exposition 2021 (NSIEX 2021)**

**Venue: UiTM Cawangan Negeri Sembilan**

**Date: 4 October 2021**

**Table 4.2.19 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nur Liyana Mohamed Yousop ii. Wan Mohd Farid Wan Zakaria iii. Siti Noorazliena Anuar iv. Muhammad Ammar Zahin Musa v. Nur Fatehah Mohamed Nawi vi. Nurul Farhana Numan	ATM Beam	Silver

**Table 4.2.20 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Nurin Najwa Sharizan ii. Shakira Azeehan Azli iii. Nurzulaikha Zaidi @ Eddie iv. Amelia Adrina Azli	Smart Waste Management	Silver
2	i. Nur Syazwani Sobri ii. Noramira Rahmad iii. Nur Fitrah Ahmad iv. Mohd Zulkhairi Mat Salleh v. Dr. Mohd Fairuz Bachok	Surface Drainage - Overflow Mobile Application	Bronze

**NAME OF COMPETITION:** *Konvensyen KIK Peringkat UiTM 2021*

**Venue:** UiTM Shah Alam

**Date:** 11 November 2021

**Table 4.2.21 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Azlina Jumadi ii. Noor Azrin Zainuddin iii. Nor Siti Khadijah Arunah iv. Dr. Siti Afiqah Mohammad v. Najwa Abd Ghafar vi. Farah Suraya Md Nasrudin	Geomath-Pro	Gold, <i>Naib Johan Keseluruhan,            Anugerah KIK Primer Terbaik Inovasi P&amp;P Keseluruhan,            Anugerah KIK Primer Terbaik Inovasi P&amp;P Kategori Penciptaan</i>

**Table 4.2.22 List Of Awards For Pasir Gudang Campus**

<b>PASIR GUDANG CAMPUS</b>			
<b>NO.</b>	<b>MEMBERS</b>	<b>PROJECT TITLE</b>	<b>AWARD</b>
1	i. Dr. Khadijah Alias ii. Ts. Dr. Mohamad Farid Misnan iii. Ts. Zahari Abu Bakar iv. Nor Fazlin Uteh v. Mohammad Amir Mat Shah vi. Ghazali Semil @ Ismail vii. Siti Mariam Iliyas	<i>Mengatasi Masalah Penggunaan Masa Gajet Berlebihan Di Kalangan Kanak - Kanak Semasa PKP</i>	Silver, Anugerah Penjana Pendapatan Sebenar Terbaik
2	i. Asmawati Che Hasan ii. Dr. Mohd Fairuz Bachok iii. Hairol Anuar Haron iv. Herda Balqis Ismail v. Muhammad Farid Muhammad Fathullah vi. Mohammad Hazizi Jamal vii. Mohd Zulkhairi Mat Salleh viii. Dr. Mohd Amran Hasbullah ix. Dr. Mohamad Rohaidzat Mohamed Rashid x. Nazri Nasir	<i>Sahabat Maya Pembelajaran Pelajar (SMA2P)</i>	Silver, Anugerah KIK Berpotensi, Anugerah Penjimatan Kos Terbaik, Anugerah Pembentang Terbaik

**NAME OF COMPETITION:** Virtual-Melaka International Intellectual Exposition (V-MIIEEx) 2021

**Venue:** UiTM Cawangan Melaka

**Date:** 2 July 2021

**Table 4.2.23 List Of Awards For Pasir Gudang Campus**

<b>PASIR GUDANG CAMPUS</b>			
<b>NO.</b>	<b>MEMBERS</b>	<b>PROJECT TITLE</b>	<b>AWARD</b>
1	i. Ts. Dr. Arni Munira Markom ii. Dr. Ahmad Razif Muhammad iii. Dr. Zakiah Mohd Yusoff iv. Prof. Dr. Mukul Chandra Paul v. Prof. Dr. Sulaiman Wadi Harun	Enhanced Zirconia Fibre Laser With Black Phosphorus	Gold

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
2	i. Noratikah Zawani Mahabob ii. Ts. Dr. Zakiah Mohd Yusoff iii. Aqib Fawwaz Mohd Amidon iv. Ir. Ts. Dr. Nurlaila Ismail v. Prof. Ir. Ts. Dr. Haji Mohd Nasir Taib	An Intelligent Of Artificial Neural Network (ANN) Towards Agarwood Oil Compounds Pre-Processing Based On Principal Component Analysis (PCA) Method To Improve The Oil Quality	Gold
3	i. Asmawati Che Hasan ii. Hairol Anuar Haron iii. Dr. Mohamad Rohaidzat iv. Mohd Rashid Mohammad v. Hazizi Jamal vi. Muhammad Farid Muhammad Fathullah	Protocol Pibat20	Gold

**NAME OF COMPETITION:** International Jasin Multimedia & Computer Science Invention and Innovation Exhibition (i-JAMCSIIIX) 2021

**Venue:** UiTM Cawangan Melaka

**Date:** 1 July 2021

**Table 4.2.24 List Of Awards For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	MEMBERS	PROJECT TITLE	AWARD
1	i. Ts. Dr. Zakiah Mohd Yusoff ii. Noratikah Zawani Mahabob iii. Mohd Aqib Fawwaz Mohd Amidon iv. Ir. Ts. Dr. Nurlaila Ismail v. Prof. Ir. Dr. Hj. Mohd Nasir Taib	An Intelligent Of ANN Towards Agarwood Oil Compounds Pre-Processing Based On Stepwise Regression Method To Improve The Oil Quality	Gold
2	i. Aqib Fawwaz Mohd Amidon ii. Noratikah Zawani Mahabob iii. Ir. Ts. Dr. Nurlaila Ismail iv. Ts. Dr. Zakiah Mohd Yusoff v. Prof. Ir. Ts. Dr. Haji Mohd Nasir Taib	Agarwood Oil Quality Classification Using One Versus All Strategies In Multiclass On SVM Model	Silver

## OTHER INNOVATION COMPETITION/EXHIBITION

**Table 4.2.25 List Of Awards For Segamat Campus**

SEGAMAT CAMPUS				
NO.	EVENTS	MEMBERS	PROJECT TITLE	AWARD
1	-	Wan Amir Azlan Wan Haniff	<i>Tesis Phd Bertajuk Peraturan Pengawalseliaan Crowd Funding Ekuiti Di Malaysia Dalam Isu Adverse Selection Dan Moral Hazard</i>	<i>Hadiah Buku Inovasi MTDC Sesi Akademik 2019/2020</i>
2	<i>Konvensyen Kumpulan Inovatif &amp; Kreatif (KIK) UiTM Peringkat Zon Selatan 2021</i>	i. Azlina Jumadi ii. Noor Azrin Zainuddin iii. Nor Siti Khadijah Arunah iv. Dr. Siti Afiqah Mohammad v. Najwa Abd Ghafar vi. Farah Suraya Md Nasrudin	Geomath-Pro	Gold, Tempat Ketiga, Anugerah KIK Primer Terbaik Inovasi P&P
3	The International Virtual Invention, Innovation & Design Competition 2021 (IVIID-21)	i. Dr. Nur Fatihah Shaari ii. Muhammad Zulqarnain Hakim Abd Jalal iii. Nor Hidayah Hassim iv. Dr. Nur Amalina Aziz v. Dr. Ang Tau Keong	A New Mobile Application For Logistic Convenience In UiTM Segamat: Eco-Navi	Gold
4	International Joint Conference On Hospitality And Tourism 2021: Invention, Innovation And Design Competition	i. Dr. Nur Fatihah Shaari ii. Muhammad Zulqarnain Hakim Abdul Jalan iii. Nur Hidayah Hassim iv. Dr. Nur Amalina Aziz v. Dr. Ang Tau Keong	A New Mobile Application For Logistic Convenience In Uitm Segamat: Eco-Navi	Gold
5	International Exhibition & Symposium On Productivity, Innovation, Knowledge, Education & Design (i-SPIKE 2021)	i. Wan Nor Hafidzah Wan Mohd ii. Assoc. Prof. Dr. Noriah Ismail iii. Dr. Suhaidi Elias iv. Haryati Ahmad	Experimental Education Module: Kindness In A Dimension Of Education Relationship (Kinder)	Gold

SEGAMAT CAMPUS				
NO.	EVENTS	MEMBERS	PROJECT TITLE	AWARD
6	3rd International Invention, Innovation And Technology Competition (ITeC 2021)	i. Assoc. Prof. Dr. Mohd Halim Kadri ii. Juyati Mohd Amin iii. Zarina Abu Bakar	Modelling Equity Based On Accounting Policy Of Investment Property	Gold
7	Invention , Innovation & Design Exposition (IIDEX 2021)	i. Shaherah Abdul Malik ii. Nurul Aien Abd Aziz iii. Noreen Noor Abd Aziz iv. Mohd Hafizan Musa v. Rusnani Mohamad Khalid	Teaching On The Go	Gold
8	International University Carnival On E-Learning (IUCEL) 2021	i. Dr. Nurul Izyan Mat Daud ii. Dr. Azila Jaini iii. Dr. Fatihah Mohd iv. Dr. Noor Raihani Zainol v. Dr. Nur Ain Ayunni Sabro	Integrating Onenote Into Online Learning: Interactive Mobile Classroom	Silver
9	4th Language Innovation, Invention & Design (LIID2021) Revolutionising Innovation & Invention In Language Education In The New Norm	i. Toh Ling Ling ii. Chong Peng Hwa iii. Gan Kiat Chien iv. Lai Yuh Ying v. Chu Hong Heng	e-Mandarin Ubiquitous Learning Tools (EMULTS): Innovation In Mandarin Learning Using Digital Platforms	Silver
10	AICAD Virtual 2021	i. Wan Mohd Farid Wan Zakaria ii. Muhamad Addin Burhanuddin iii. Nur Liyana Mohamed Yousop iv. Sharazad Haris	Preggers Enhanced Seat Belt	Silver
11	International Borneo Innovation Exhibition & Competition 2021	i. Ts. Dr. Rashidah Mokhtar ii. Safura Adeela Sukiman iii. Azrina Suhaimi iv. Mohd Lezam Lehat	50cm: Learn From Syntax Errors	Silver



SEGAMAT CAMPUS				
NO.	EVENTS	MEMBERS	PROJECT TITLE	AWARD
12	International Science And Social Science Innovation Competition 2021	i. Munirah Azrae ii. Noridah Sain iii. Nur Aini Ariffin, iv. Umami Syarah Ismail v. Hanifah Musa Fathullah Harun	Arabic On The Go: Mastering Your Arabic Sentence Structure	Silver
13	eCondev 2021	i. Nur Liyana Mohamed Yousop ii. Wan Mohd Farid Wan Zakaria	Introduction To Pivot Table	Bronze
14	Icompex Innovation, Innovative Ideas Vs Covid-19 And Beyond 2021	i. Mohamad Hafiz Rosli ii. Nor Hazwani Hassan iii. Muzairihana Md Moid iv. Nor Azah Jahari	Think' Module For Excellent Youth Entrepreneur	Bronze
15	International Innovation ARSVOT Malaysia (IAM 2021)	i. Dr. Nor Azairiah Fatimah Othman ii. Dr. Norashikin Hussein	Rmingo: Teaching And Learning Research Methodology Subject Through Gamification	Bronze
16	International Science And Social Science Innovation Competition 2021 (i-SIC III 2021)	i. Shahira Adam ii. Dr. Nor Azairiah Fatimah Othman iii. Susanna Bithiah Varma iv. Jannah Munirah Mohd Noor v. Rasyiqah Batrisya Md Zolkapli	Let's Say It! Card Game	Bronze



**Table 4.2.26 List Of Awards For Pasir Gudang Campus**

<b>PASIR GUDANG CAMPUS</b>				
<b>NO.</b>	<b>EVENTS</b>	<b>MEMBERS</b>	<b>PROJECT TITLE</b>	<b>AWARD</b>
1	International Invention & Innovative Competition (INIIC) Series 1/2021	i. Nur Muizzah Nawi ii. Doris Asmani Mat Yusof iii. Siti Shahidah Sharipudin iv. Nora Farina Mohd Halim v. Nor Mayuze Mohamad	CSBPCRETE	Gold
2	<i>Global Olympiad-Green Innovation Fair (GO-GIF 2021)</i>	i. Juwita Asfar ii. Nur Zaidani Wati Mohd Darwis iii. Noor Raifana Ab Rahim	Ai-Reef Coast Protect	Gold
3	<i>International Innovation, Creativity And Technology Exhibition (i2CreaTE 2021)</i>	Nor Mayuze Mohamad	Smatvlab For Structures And Material Laboratory	Gold
4	International Digital Innovation And Invention Challenge 2021	i. Ahmad Khudzairi Khalid ii. Norbaiti Tukiman iii. Muhammad Naqib Afiq Hanuar iv. Nurul Balqis Nor'rah v. Muhammad Zikry Ahmad Shah vi. Ahmad Hakim Khamis	STEM Kit: Magic Balloon	Gold
5	Malaysian Technology Expo (MTE) 2021	Ts. Mohammad Abdullah	Bio-Fatty Acid Methyl Ester Production From Green Microalgae Cultivated Using Sungai Sura Running Water: Direct Transesterification Process	Gold

<b>PASIR GUDANG CAMPUS</b>				
<b>NO.</b>	<b>EVENTS</b>	<b>MEMBERS</b>	<b>PROJECT TITLE</b>	<b>AWARD</b>
6	<i>Konvensyen KIK Zon Selatan UiTM 2021</i>	i. Asmawati Che Hasan ii. Dr. Mohd Fairuz Bachok iii. Hairol Anuar Haron iv. Herda Balqis Ismail v. Muhammad Farid Muhammad Fathullah vi. Mohammad Hazizi Jamal vii. Mohd Zulkhairi Mat Salleh viii. Dr. Mohd Amran Hasbullah ix. Dr. Mohamad Rohaidzat Mohamed Rashid x. Nazri Nasir	<i>Sahabat Maya Pembelajaran Pelajar (SMA2P)</i>	Gold, Anugerah KIK Berpotensi, Anugerah Penjimatan Kos Terbaik, Anugerah Pembentang Terbaik
7	<i>Konvensyen KIK UiTM Johor</i>	i. Asmawati Che Hasan ii. Dr. Mohd Fairuz Bachok iii. Hairol Anuar Haron iv. Herda Balqis Ismail v. Muhammad Farid Muhammad Fathullah vi. Mohammad Hazizi Jamal vii. Mohd Zulkhairi Mat Salleh viii. Dr. Mohd Amran Hasbullah ix. Dr. Mohamad Rohaidzat Mohamed Rashid x. Nazri Nasir	<i>Sahabat Maya Pembelajaran Pelajar (SMA2P)</i>	Naib Johan, Anugerah KIK Berpotensi
8	Innovation & Invention Challenge College Of Engineering (IICCE) 2021	i. Assoc. Prof. Ir. Dr. Norashikin M. Thamrin ii. Dr. Nik Norliyana Nik Ibrahim iii. Ts. Dr. Mohamad Farid Misnan	Smart Composting Bin Via Em Utilisation	Silver

<b>PASIR GUDANG CAMPUS</b>				
<b>NO.</b>	<b>EVENTS</b>	<b>MEMBERS</b>	<b>PROJECT TITLE</b>	<b>AWARD</b>
9	e-Content Development Competition 2021 (e-ConDev 2021)	i. Norbaiti Tukiman ii. Ng Set Foong iii. Nur Intan Syafinaz Ahmad iv. Aishah Mahat v. Farah Suraya Md Nasrudin	Micro-Credential: Function	Silver
10	Innovation & Design Exposition 2021 (IIDEX 2021)	i. Amirul Danish Yusri ii. Sharzali Che Mat iii. Muhammad Shahrul Azizi Fauzi iv. Muhammad Nazreen Haiqal Mohd Yusni v. Hazim Saharudin	Development Of Alternative Biofuel Of Refined Palm Oil-Hexanol Blend For Diesel Engine	Silver
11	International e-Content Development Competition 2021 ELC501 English For Critical Academic Reading	i. Siti Mariam Mohammad Iliyas ii. Siti Zariikh Sofiah Abu Bakar iii. Dia Widyawati Amat	ELC501 English For Critical Academic Reading	Silver
12	Asian Invent Singapore Challenge 21 (AiSC 21)	Ts. Mohammad Abdullah	Natkap - Natural Oil Filter For Aquaculture Farming	Silver
13	Bangkok International Intellectual Property, Invention, Innovation And Technology. Exposition (IPITEx 2021)	Ts. Mohammad Abdullah	Integrated Oil Trap Column	Silver
14	Asia International Community Of Art & Design 2021	i. Ts. Mohamad Quzami An-Nuur Ahmad Radzi ii. Ts. Dr. Mohamad Farid Misnan iii. Muhammad Farhan Fauzan iv. Dr. Shahrulizam Sulaiman v. Dr. Nur Juliana Abdul Majid	Be Good Vr Version 1.0	Bronze

PASIR GUDANG CAMPUS				
NO.	EVENTS	MEMBERS	PROJECT TITLE	AWARD
15	Carnival Of Research And Innovation 2021	i. Norshazrina Sabri ii. Liyana Ahmad Afip iii. Aveleena Afzan Hassan iv. Nursyuhada Zakaria	My e-Vocabulary Profile (MEVP): Teacher's Perspective On Its Usability	Bronze
16	Virtual Go Green: Conference & Publication	Ts. Dr. Mohamad Farid Misnan	Smart Sustainable Water Monitoring System Via Internet Of Things (IOT) For Water Retention Pond At UiTM Cawangan Johor, Kampus Pasir Gudang	Best Presenter Award On Cluster Engineering Technology

#### 4.3 LIST OF PATENTS, COPYRIGHTS & COMMERCIALISATION

Table 4.3.1 and 4.3.2 show the list of patents, copyrights and commercialisation for Segamat Campus and Pasir Gudang Campus.

**Table 4.3.1 List Of Patents, Copyrights And Commercialisation For Segamat Campus**

SEGAMAT CAMPUS			
NO.	PRODUCT	MEMBERS	REFERENCE NO.
1	STI3 Learning Model	i. Nurul Aien Abd Aziz ii. Mohd Hafizan Musa iii. Dr. Noreen Noor Abd Aziz iv. Rusnani Mohamad Khalid v. Shaherah Abdul Malik	600-BITCOM (IP.5/6/CP/2021/167)
2	Political Connection Firms Detection	i. Dr. Nurul Azlin Azmi ii. Prof. Dr. Zuraidah Mohd Sanusi iii. Assoc. Prof. Dr. Nor Balkish Zakaria iv. Dr. Norazida Mohamed	600-BITCOM (IP.5/6/CP/2021/188)

SEGAMAT CAMPUS			
NO.	PRODUCT	MEMBERS	REFERENCE NO.
3	An Integrated System of Accountability Reporting for Non-Profit Organisations (I-SARS)	i. Assoc. Prof. Dr. Saunah Zainon ii. Nor Fauziah Abu Bakar iii. Assoc. Prof. Dr. Raja Adzrin Raja Ahmad	600-BITCOM (IP.5/6/CP/2021/473)
4	CSI-KIT (Corporate Social Investment – Keep It Transparent) Navigator	i. Noor Hidayah Ab Aziz ii. Assoc. Prof. Dr. Raja Adzrin Raja Ahmad iii. Norhidayah Abdullah iv. Noor Azrin Zainuddin v. Assoc. Prof. Dr. Saunah Zainon	600-BITCOM (IP.5/6/CP/2021/475)
5	Teaching On the Go	i. Nurul Aien Abd Aziz ii. Mohd Hafizan Musa iii. Dr. Noreen Noor Abd Aziz iv. Shaherah Abdul Malik v. Rusnani Mohamad Khalid	600-BITCOM (IP.5/6/CP/2021/486)
6	RMingo: Teaching and Learning Research Methodology Subject through Gamification	i. Dr. Nor Azairiah Fatimah Othman ii. Dr. Norashikin Hussein	600-BITCOM (IP.5/6/CP/2021/525)

**Table 4.3.2 List Of Patents, Copyrights And Commercialisation For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	NAME OF PRODUCT	MEMBERS	REFERENCE NO.
1	Urban Vertical Farming Prototype: Room For Growth	i. Dr. Mohamad Zhafran Hussin ii. Dr. Nor Diyana Md Sin iii. Mohamad Haziq Mohd Razif	600-BITCOM (IP.5/6/CP/2021/02)
2	ObGB (Oleobingo Game Board)	i. Ainaa Maya Munira Ismail ii. Ts. Mohammad Abdullah iii. Arbanah Muhammad iv. Siti Aishah Taib	600-BITCOM (IP.5/6/CP/2021/03)

PASIR GUDANG CAMPUS			
NO.	NAME OF PRODUCT	MEMBERS	REFERENCE NO.
3	<i>Protokol Pengawasan Penilaian Bertulis Atas Talian 2020 (Protokol Pemat20)</i>	i. Asmawati Che Hasan ii. Dr. Mohd Fairuz Bachok iii. Hairol Anuar Haron iv. Herda Balqis Ismail v. Muhammad Farid Muhammad Fathullah vi. Mohammad Hazizi Jamal vii. Mohd Zulkhairi Mat Salleh viii. Dr. Mohd Amran Hasbullah ix. Dr. Mohamad Rohaidzat Mohamed Rashid x. Nazri Nasir	600-BITCOM (IP.5/6/CP/2021/86)
4	Side Hustle - Digital Platform For On-Demand Service Provider	i. Mohd Hisyammuddin Salleh Nordin ii. Dr. Mohd Fairuz Bachok iii. Dr. Nor Diyana Md Sin iv. Suzainah Rahmat v. Ahmad Khudzairi Khalid vi. Azinoor Azida Abu Bakar	600-BITCOM (IP.5/6/CP/2021/91)
5	<i>Sistem e-Zakat UiTM Johor</i>	i. Ezril Hisham Mat Saat ii. Ts. Noor Hasliza Abdul Rahman iii. Ts. Zahari Abu Bakar iv. Nazrudin Hashim v. Azizah Md Kasah	600-BITCOM (IP.5/6/CP/2021/93)
6	Malaysian Timber As Construction Material Replacement	i. Adrina Rosseira Abu Talip ii. Arbanah Muhammad iii. Ts. Muhammad Bazli Faliq Mohd Puaad iv. Herda Balqis Ismail	600-BITCOM (IP.5/6/CP/2021/101)



<b>PASIR GUDANG CAMPUS</b>			
<b>NO.</b>	<b>NAME OF PRODUCT</b>	<b>MEMBERS</b>	<b>REFERENCE NO.</b>
7	Monitoring And Online Logging Of Temperature Station For Covid's Screening	i. Nur Dalila Khirul Ashar ii. Dr. Muhammad Asraf Hairuddin iii. Nurul Nadia Md Zaini iv. Ts. Siti Aminah Nordin v. Hanunah Othman vi. Nurul Ainnur Arina Kamarudin	600-BITCOM (IP.5/6/CP/2021/117)
8	Artificial Intelligence Based Face Mask Detection System Using Teachable Machine	i. Nur Dalila Khirul Ashar ii. Dr. Nurhani Kasuan iii. Ts. Siti Aminah Nordin iv. Afrina Annisa Sharifuddin v. Dr. Muhammad Asraf Hairuddin	600-BITCOM (IP.5/6/CP/2021/152)
9	Monitoring Smart Adapter Load Behaviours Via Cayenne App Platform	i. Hanunah Othman ii. Muhammad Hafidz Hasnor Faiz iii. Muhammad Iqram Raziq Roshidi iv. Dr. Muhammad Asraf Hairuddin v. Ts. Siti Aminah Nordin vi. Nur Dalila Khirul Ashar	600-BITCOM (IP.5/6/CP/2021/155)
10	IVPV: Interactive Virtual Plant Visit Card Game Using Augmented Reality (AR) Code	Ts. Mohammad Abdullah	600-BITCOM (IP.5/6/CP/2021/190)
11	Handysmart Lightweight Grill	i. Noor Hafiz Noordin ii. Ts. Hazim Sharudin iii. Ts. Mohd Fahmi Md Salleh iv. Norhisyam Jenal v. Ahmad Hilmi Khalid vi. Ts. Dr. Ab Aziz Mohd Yusof vii. Ts. Haszeme Abu Kasim	600-BITCOM (IP.5/6/CP/2021/460)



<b>PASIR GUDANG CAMPUS</b>			
<b>NO.</b>	<b>NAME OF PRODUCT</b>	<b>MEMBERS</b>	<b>REFERENCE NO.</b>
12	Electric Power Generation Of Wind Energy From Renewable Air-Conditioning Ventilation System	Ts. Dr. Arni Munira Markom	600-BITCOM (IP.5/6/CP/2021/462)
13	Pumpnetic	Ts. Haszeme Abu Kasim	600-BITCOM (IP.5/6/CP/2021/464)
14	IOT Milling And Grinding Machine	i. Siti Aminah Nordin ii. Muhammad Hardy Hazramy iii. Nur Dalila Khirul Ashar iv. Dr. Muhammad Asraf Hairuddin v. Hanunah Othman	600-BITCOM (IP.5/6/CP/2021/468)
15	Watering System With Music (Wasesic)	i. Siti Aminah Nordin ii. Nur Farzana Syahirah Saiful Anar iii. Dr. Muhammad Asraf Hairuddin iv. Hanunah Othman v. Nur Dalila Khirul Ashar vi. Nur Hanis Aina Ishak	600-BITCOM (IP.5/6/CP/2021/494)
16	Biogas Production From Kitchen Waste Via Anaerobic Batch Digester	i. Noor Hidayu Abdul Rani ii. Nor Fadilah Mohamad iii. Noorhaliza Aziz iv. Nor Ain Abu Samah	600-BITCOM (IP.5/6/CP/2021/525)
17	Emosy (Energy Monitoring System)	i. Norhalida Othman ii. Dr. Nur Amalina Muhamad iii. Ezril Hisham Mat Saat iv. Masmaria Abdul Majid v. Ts. Noor Hasliza Abdul Rahman	600-BITCOM (IP.5/6/CP/2021/525)



# 2021

*Annual Report of Research, Industrial Linkages & Alumni Division*

## 5. PUBLICATIONS

## SECTION 5 PUBLICATIONS

### 5.0 INTRODUCTION

Publication enforces an institution as well as academic reputation as a scholar and serves as a communication channel among the experts for collaboration. The year 2021 has once again brought the success of UiTM CJ lecturers in publishing several great books as well as book chapters.

### 5.1 BOOK AND BOOK CHAPTERS

Table 5.1.1 until 5.1.4 show the number of books as well as chapters in books published by UiTM CJ lecturers. There are altogether 42 books and 78 chapters in books published for 2021.

**Table 5.1.1 List Of Books Published In 2021 For Segamat Campus**

SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
1	<i>Asas Ekonomi Islam</i>	i. Nurfarhana Mohd Daud ii. Nazrudin Hashim iii. Siti Noor Ain Aziz iv. Dr. Mohamad Zaim Ismail v. Dr. Syazwani Abd Rahim vi. Kamarulzaman Sulaiman	Farabi Global Resources
2	<i>Teaching On The GO Guru Hebat Pelajar Semangat</i>	i. Nurul Aien Abd Aziz ii. Rusnani Mohamad Khalid iii. Mohd Hafizan Musa	Farabi Global Resources
3	<i>Accounting Theory And Practice In The Malaysian Context</i>	i. Syeliya Md Zaini ii. Azlina Md Kassim iii. Fathiyyah Abu Bakar iv. Dalilah Abd Aziz v. Mohd Adha Ibrahim vi. Noor Asrafez Jailuddin vii. Mohamad Hafiz Rosli viii. Fariza Hanim Rusly ix. Yurita Yakimin Abdul Talib	UUM Press

SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
4	Insurance And Takaful: An Introduction	i. Oswald @ Timothy Edward ii. Ahmad Nur Azam Ahmad Ridzuan	UiTM Cawangan Johor
5	<i>Fasihkan Huruf</i>	i. Muhammad Fahmi Md. Ramzan ii. Mohamad Mujib Ayob iii. Mokhtar Abdullah iv. Nurfarhana Mohd Daud	Malaha Press
6	Law 448 Compilation Of Notes For Cyber In Commerce For Non-Law Students	i. Dr. Rahmawati Mohd Yusoff ii. Zuramaznum Sainan	Farabi Global Resources
7	<i>Panduan Asas Penulisan Rencana</i>	i. Oswald @ Timothy Edward ii. Syamsyul Samsudin iii. Ilyas Abdullah iv. Mujibu Abd Muis	UiTM Cawangan Johor
8	The Process Of Managing Risks	Oswald @ Timothy Edward	Faculty Of Business & Management UiTM Cawangan Johor
9	<i>Sisi Gelap Media Sosial</i>	i. Mohammad Firdaus Zainal ii. Rudza Hanim Mohamed Anuar	Bibliotheca
10	The Influence Of Resistance To Change And Dialogic Communication On Attitude Towards Change: The Context Of Education Transformation Programme In Malaysia	i. Ahmad Syahmi Ahmad Fadzil ii. Al-Amirul Eimer Ramdzan	Kulliyyah Of Languages And Management (KLM)
11	Risk Management Methods	Oswald @ Timothy Edward	Faculty Of Business & Management UiTM Cawangan Johor
12	Global Learning @UiTM	Oswald @ Timothy Edward	Faculty Of Business & Management UiTM Cawangan Johor

SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
13	<i>Buku Teks Pendidikan Islam Tahun 6</i>	i. Muhamad Nasir Arshad ii. Nor Suhanna Abdullah iii. Nurul Badriyah Ali	Dewan Bahasa Dan Pustaka Kuala Lumpur
14	Maria's Hobbies	i. Alizah Ali ii. Rohani Jangga	Ly Meng Printing Shop, Cambodia
15	Business Law (LAW299) For Non-Law Students	Zuramaznum Sainan	Farabi Global Resources
16	<i>Maklumat Asimetri Dalam Pendanaan Awam Ekuiti</i>	i. Wan Amir Azlan Wan Haniff ii. Asma Hakimah Ab. Halim iii. Rahmah Ismail	UKM Press
17	Law 448 Cyber Law For Commerce For Non-Law Students Volume 2	Dr. Rahmawati Mohd Yusoff	Farabi Global Resources
18	Community Projects For Happiness	Oswald @ Timothy Edward	UiTM Cawangan Johor
19	Risk Measurement	Oswald @ Timothy Edward	Faculty Of Business & Management UiTM Cawangan Johor
20	The Nature of Risks	Oswald @ Timothy Edward	Faculty Of Business & Management UiTM Cawangan Johor
21	Risk Assessment	Oswald @ Timothy Edward	Faculty Of Business & Management UiTM Cawangan Johor
22	<i>Asas Pelaburan Saham: Bagaimana Hendak Bermula</i>	i. Ferri Nasrul ii. Maizura Md Isa iii. Nik Nur Shafika Mustafa iv. Nurul Haida Johan v. Rohanizan Md Lazan vi. Syamsyul Samsudin	UiTM Cawangan Johor

SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
23	LAW346 – Introduction To A Partnership & Company Law, A Guide For Non Law Students	i. Norintan Wahab ii. Dr. Rahmawati Mohd Yusoff	Farabi Global Resources

**Table 5.1.2 List Of Books Published In 2021 For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
1	<i>1 Hari 1 Fakta: Science Technology Engineering Mathematics</i>	i. Ahmad Khudzairi Khalid ii. Norbaiti Tukiman	Silver Base (M) Sdn. Bhd.
2	46 Questions & Solutions Of Differentiation	Aishah Mahat	UiTM Cawangan Johor, Pasir Gudang Campus
3	51 Questions & Solutions Of Differentiation	Aishah Mahat	UiTM Cawangan Johor, Pasir Gudang Campus
4	<i>Aku Dan IV-STEM</i>	i. Ahmad Khudzairi Khalid ii. Norbaiti Tukiman	Silver Base (M) Sdn. Bhd.
5	Alternatively...	i. Nursuhaila Ibrahim ii. Nurul Hijah Jasman iii. Nur Alyani Khairol Anuar iv. Muhammad Irfan Mokhtar	UiTM Cawangan Johor, Pasir Gudang Campus
6	<i>Bagaimana Mengurus Pesakit Kanser</i>	Aishah Mahat	UiTM Cawangan Johor, Pasir Gudang Campus
7	<i>Bahasa Mandarin Komunikasi Harian 2 (Buku Teks TMC151)</i>	Chong Peng Hwa	UiTM Press
8	Calculus For Engineers: 94 Solutions Integration	Aishah Mahat	UiTM Cawangan Johor, Pasir Gudang Campus

PASIR GUDANG CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
9	Calculus For Engineers: Notes And Tutorials Integration	Aishah Mahat	UiTM Cawangan Johor, Pasir Gudang Campus
10	Calculus II For UiTM Engineering Students: Volume 1	i. Ghazali Semil @ Ismail ii. Ng Set Foong	UiTM Cawangan Johor, Pasir Gudang Campus
11	Calculus II For UiTM Engineering Students: Volume 2	i. Ghazali Semil @ Ismail ii. Ng Set Foong	UiTM Cawangan Johor, Pasir Gudang Campus
12	Chinese Character Workbook 2	Chong Peng Hwa	UiTM Press
13	e-Book Pheasyics: Easy Physics For All	i. Siti Nurul'ain Zaiton ii. Saiful Najmee Mohamad iii. Munirah Onn iv. Hairul Amiza Azman v. Siti Mariam Mohammad Iliyas	UiTM Cawangan Johor, Pasir Gudang Campus
14	<i>Eksplorasi Sains Dalam Al-Quran</i>	i. Siti Fairuz Sujak ii. Nurhuda Ismail iii. Rohaya Sulaiman	Yazs Creative Sdn. Bhd.
15	<i>Kapsul Aktiviti STEM: Sekolah Rendah</i>	i. Ahmad Khudzairi Khalid ii. Norbaiti Tukiman iii. Ng Set Foong iv. Aishah Mahat v. Nur Intan Syafinaz Ahmad	Silver Base (M) Sdn. Bhd.
16	<i>Prosiding Seminar Inovasi Pendidikan Islam Dan Bahasa Arab</i>	Mahfuzah Mohammed Zabidi	Persatuan Intelktual Muslim Malaysia
17	<i>Rahsia Pisang Sub Blurbl!</i>	Suhana Mohamed	PTS Fast Publishing Sdn. Bhd.



PASIR GUDANG CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
18	Reimagining Education: A Microsoft Education Digital Workbook- Calculus II For Engineering (MAT235)	Aslina Omar	UiTM Cawangan Johor, Pasir Gudang Campus
19	Workbook For Quantitative Business Analysis	i. Ghazali Semil @ Ismail ii. Nur Intan Syafinaz Ahmad	Faculty Of Computer And Mathematical Sciences Universiti Teknologi MARA

**Table 5.1.3 List Of Chapters In Books Published In 2021 For Segamat Campus**

SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
1	Breast Cancer Awareness: Roses For A Pink Lady	i. Rudza Hanim Mohamed Anuar ii. Khairunnisa Rahman iii. Muharratul Sharifah Shiekh Allaudin	UiTM Cawangan Johor
2	A Study On Malaysian Crude Palm Oil Price Volatility	i. Mohamad Azwan Md Isa ii. Azlan Taha Baharim iii. Suhana Mohamed iv. Mohd Khairul Ariff Noh v. Ferri Nasrul vi. Wan Muhd Faez Wan Ibrahim vii. Siti Salwa Hassan	B P International
3	An Overview On Islamic Principles Of Religious Diversity At Work Places In Malaysia	i. Nik Ahmad Kamal Nik Mahmod ii. Dr. Rahmawati Mohd Yusoff iii. Azizah Mohd iv. Noor Azlan Mohd Noor v. Azmi Harun vi. Marhanum Che Mohd Salleh vii. Mohammad Hidir Baharudin	JKSM AND AIKOL

SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
4	<i>Air Mataku Jatuh Ke Sungai Pamba</i>	Nazhatulshima Nolan	KISMy
5	Autistic Community Outreach	Tay Bee Hong	UiTM Cawangan Johor
6	<i>Bab 10: Pandangan Masyarakat Beragama Buddha Terhadap Pembudayaan Norma Baharu Dalam Mencegah Pandemik COVID-19</i>	i. Mohd Amar Aziz ii. Noor Hadzlida Ayob iii. Ju Soon Yew iv. Nur Hisham Ibrahim v. Dia Widyawati Amat vi. Suekadiana Affendi vii. Mohd Nazip Suratman	UiTM Press
7	<i>Bab 14: Pandemik COVID-19 Dan Pembudayaan Norma Baharu Dalam Kalangan Komuniti Pusat Tahfiz Dan Pondok</i>	i. Dia Widyawati Amat ii. Siti Zarikh Sofiah Abu Bakar iii. Fairuz Husna Mohd Yusof iv. Asmalia Che Ahmad v. Mohd Amar Aziz vi. Noor Hadzlida Ayob vii. Zulkiflee Abd Latif	UiTM Press
8	<i>Bab 24: Mendepani Pandemik COVID-19 Dan Amalan Norma Baharu Dalam Sektor Pertanian</i>	i. Mohamed Samsudeen Sajahan ii. Adnan Aminuddin iii. Muhammad Syahmizan Azmi iv. Tajul Rosli Razak v. Ibiannafloorinciliana Niane Anthony Aning vi. Siti Zarikh Sofiah Abu Bakar vii. Mohd Nazip Suratman	UiTM Press

SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
9	<i>Bab 28: Tanggungjawab Sosial Universiti (USR) Dalam Pembudayaan Norma Baharu untuk Mencegah Pandemik COVID-19</i>	i. Zulkiflee Abd Latif ii. Yarina Ahmad iii. Umi Nurul Najihah Azman iv. Siti Nur Fathanah Abd Hamid v. Nor Azira Ayob vi. Siti Zulaikha Mustapha vii. Siti Aekbal Salleh viii. Faezah Pardi ix. Shukor Sanim Mohd Fauzi x. Nor Hafizah Mohamed Harith xi. Irwan Mohammad Ali xii. Mohd Izani Othman xiii. Nasyrar Ahmad xiv. Faliza Mohamed Ali xv. Muhammad Syahmizan xvi. Azmi Nur Afisha Yusuf xvii. Wan Ahmad Tirmizi Wan Sulaiman xviii. Saiful Zizi Jalil xix. Afida Arapa xx. Nurul Ain Mohd Zaki xxi. Dia Widyawati Amat xxii. Idris Osman	UiTM Press
10	<i>Bab 2: Carian Literatur</i>	i. Mohd Nazip Suratman ii. Siti Nur Fathanah Abd Hamid iii. Yarina Ahmad iv. Nor Azira Ayob v. Nur Amalina Aziz vi. Umi Nurul Najihah Azman vii. Noraine Bahari viii. Mohd Muzamir Mahat ix. Nor Aziah Alias x. Mohamad Azhan Md Amin xi. Muhammad Fauzie Ismail	UiTM Press

SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
11	<i>Bab 34: Cadangan</i>	i. Mohd Nazip Suratman ii. Yarina Ahmad iii. Nor Aziah Alias iv. Zulkiflee Abd Latif v. Noritawati Md Tahir vi. Siti Nur Fathanah Abd Hamid vii. Nor Azira Ayob viii. Siti Zulaikha Mustapha ix. Umi Nurul Najihah Azman x. Shima Shazana Mohd Ali xi. Ana Afrina Abd Jamil xii. Amirah Ab Halim xiii. Nur Nabilah Ab Halim xiv. Nur Amalina Aziz	UiTM Press
12	<i>Bab 6: Pandangan Masyarakat Malaysia Terhadap Pembudayaan Norma Baharu</i>	i. Nor Aziah Alias ii. Yarina Ahmad iii. Siti Nur Fathanah Abd Hamid iv. Nor Azira Ayob v. Siti Zulaikha Mustapha vi. Umi Nurul Najihah Azman vii. Noraine Bahari viii. Amar Alif Abdullah ix. Shafinar Ismail x. Memiyanty Abdul Rahim xi. Maisarah Abd Hamid xii. Hamiza Zamzuri xiii. Khairiyah Md. Shahid xiv. Siti Nur Fadzilah Muhsain xv. Nor Farizah Johari xvi. Ibiannafloinciliana Niame Anthony Aning xvii. Adnan Aminuddin xviii. Khaulah Abu Bakar xix. Siti Zarikh Sofiah Abu Bakar xx. Sharifah Muzlia Syed Mustafa xxi. Mohd Amar Aziz xxii. Noor Hadzliida Ayob xxiii. Mohamad Azhan Md Amin xxiv. Muhammad Fauzie Ismail	UiTM Press

SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
13	Business Organisation	Norintan Wahab	Farabi Global Resources
14	HobCos (Home Based Cosmetology System) Hens Traditional Incubator Spa & Sauna Services "From Cinder To Cinderella"	i. Jannah Munirah Mohd Noor ii. Nurulashikin Romli iii. Che Faridah Che Mahmood iv. Isma Ishak v. Rabiatal Adawiyah Kamarulzaman vi. Safura Adeela Sukiman	Faculty Of Business & Management UiTM Cawangan Johor
15	Determinants Of Dividend Payout Ratio: An Empirical Study Of The Healthcare Sector In Malaysia	i. Ruziah A. Latif ii. Mohamad Azwan Md. Isa iii. Zaibedah Zaharum iv. Ferri Nasrul	Kaizentrenovation Sdn. Bhd.
16	Development Of Academic Programme Management Quality Assurance System Domain Knowledge Structure	i. Rashidah Mokhtar ii. Siti Hajar Othman iii. Rohaizan Ramlan	Penerbit UTHM
17	<i>Di Antara Lukisan Peta Dan Realiti</i>	Nazhatulshima Nolan	KISMy
18	<i>Implikasi Ruju' Dalam Kes Perceraian Disebabkan Oleh Kes Keganasan Rumah Tangga: Analisa Dalam Undang-undang Islam Dan Undang-Undang Malaysia</i>	i. Dr. Rahmawati Mohd Yusoff ii. Nadzrah Ahmad	JKSM AND AIKOL
19	<i>Isu Tanah Wakaf Terbiar Dan Peranan Nazir Menurut Undang-Undang Islam Dan Undang-Undang Wakaf Di Malaysia</i>	i. Dr. Rahmawati Mohd Yusoff ii. Mohammad Hidir Baharudin	Akademi Tamadun Islam, UTM

SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
20	It's Fun To Learn Mandarin	i. Chong Peng Hwa ii. Siti Nur Faezah Binti Samberi iii. Toh Ling Ling iv. Chu Hong Heng v. Ainol Hasanah Jalaluddin	UiTM Cawangan Johor
21	Job Satisfaction Factors Among Online Food Delivery Third- Party Riders In Batu Pahat, Johor	i. Rashidah Mokhtar ii. Siti Hajar Othman iii. Rohaizan Ramlan	Penerbit UTHM
22	<i>Kefahaman Dan Kesedaran Tuntutan Ke Atas Zakat Emas Di Kalangan Wanita: Analisis Dalam Komuniti Wanita Di Dungun Terengganu</i>	i. Muhamad Anas Ibrahim ii. Aemy Aziz iii. Nurul Ilyana Muhd Adnan iv. Muhammad Saiful Islam Ismail Syaimak Ismail	ACIS UiTM Cawangan Melaka
23	<i>Mekanisme Agihan Zakat MAIK Kepada Golongan Asnaf Dan Miskin Di Negeri Kelantan</i>	i. Muhamad Anas Ibrahim ii. Aemy Aziz iii. Nurul Ilyana Muhd Adnan iv. Muhammad Saiful Islam Ismail v. Syaimak Ismail	ACIS UiTM Cawangan Melaka
24	Risk Attitude, Product Knowledge, Financial Self-Efficacy & University Students Intention To Invest in Stock Market	i. Ruziah A. Latif ii. Syafiqah Jalil iii. Zuraidah Ahmad	ACIS UiTM Cawangan Melaka
25	Risk Of Old Age Diagnostic Kit	Oswald @ Timothy Edward	UiTM Cawangan Kelantan
26	Risk Of Old Age: Preparedness Towards Retirement	i. Oswald Timothy Edward ii. Carolin Ann Enchas iii. Aimi Nuraida Ali Hassan iv. Pressca Negin	UiTM Cawangan Kelantan



SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
27	<i>Sendiri Di Jambatan Yang Sudah Roboh</i>	Nazhatulshima Nolan	KISMy
28	<i>Singgah Menyinggah Di Amerika Syarikat</i>	Nazhatulshima Nolan	KISMy
29	Social Entrepreneurship: Organic Solution For A Better World	Oswald @ Timothy Edward	Faculty Of Business & Management UiTM Cawangan Johor
30	Stock Market Reactions On Shariah Indices following Sukuk Issuances: 2008-Financial Crisis	Syazwani Abd Rahim	Faculty Of Business & Management UiTM Cawangan Johor
31	The Effects Of Pandemic Risk Towards Participation In Takaful	i. Khairunnisa' Yussof ii. Nurul Aien Abd Aziz iii. Siti Musliha Mohd Idris	Perkumpulan International Peneliti Ekonomi Sosial Dan Teknologi iPEST, Jakarta, Indonesia
32	The Impact Of Eco-Friendly Products And Social Media Toward Environmental Awareness: Moderating Role Of Knowledge	i. Azila Jani ii. Wan Farha Wan Zulkiffli iii. Mohammad Ismail	Springer
33	The Study On Economic Factors Influencing Malaysian Household Debt	i. Suhana Mohamed ii. Siti Sara Mohamadon iii. Mohamad Azwan Md Isa iv. Wan Muhd Faez Wan Ibrahim v. Ferri Nasrul vi. Siti Salwa Hassan vii. Mohd Khairul Ariff Noh	BP International
34	<i>Tidak Setia Kepada Giliran</i>	Nazhatulshima Nolan	GAPENIAGA Sdn. Bhd.



SEGAMAT CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
35	Education Hub To The Community	i. Assoc. Prof. Dr. Noriah Ismail ii. Assoc. Prof. Dr. Carolyn Soo Kum Yoke iii. Haryati Ahmad iv. Wan Nor Hafidzah Wan Mohd v. Deepak Singh a/l Ratan Singh vi. Dr. Norazam Arbin vii. Suhaidi Elias @ Alias	Faculty Of Business & Management UiTM Cawangan Johor
36	Engaging And Interactive Education Of The Orang Asli Maran, Pahang	Husnizam Hosin	Faculty Of Business & Management UiTM Cawangan Johor

**Table 5.1.4 List Of Chapters In Books Published In 2021 For Pasir Gudang Campus**

PASIR GUDANG CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
1	Bala Syahidna	Mahfuzah Mohammed Zabidi	WACANA MBM
2	05 Quality In Manufacturing	Rozi Rifin	UiTM Cawangan Johor
3	3D Metal Printing Using Generative Design And Numerical Computation	Syidatul Akma Sulaiman	Springer
4	A Conceptual Framework Of Smart Robotic For Clinical Waste Handling During Covid-19 Epidemic	i. Mohamad Farid Misnan ii. Nur Dalila Khirul Ashar iii. Muhammad Asraf Hairuddin	ESN PUBLICATIONS
5	A Review Study On Pre-Treatment Method For Recycling Polymer Waste	Nurulsaidatulsyida Sulong	Penerbit UTHM
6	A Review On Treatment Method Of Natural Fibre As A Polyurethane Composite Filler	Najibah Ab Latif	Penerbit UTHM

PASIR GUDANG CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
7	A Study On Malaysian Crude Palm Oil Price Volatility	Suhana Mohamed	B P International
8	Aqumos: IOT Air Monitoring System On Twitter	i. Aznilinda Zainodin @ Zainuddin ii. Nur Dalila Khirul Ashar iii. Munirah Onn	ESN Publications
9	<i>Akibat Terleka</i>	Aishah Mahat	WSJ Resources
10	An Intelligent Of Artificial Neural Network (ANN) Towards Agarwood Oil Compounds Pre-Processing Based On Principal Component Analysis (PCA) Method To Improve The Oil Quality	Zakiah Mohd Yusoff	UiTM Cawangan Melaka
11	An Intelligent Of Multipurpose Electrochromic Window Amicable For Disable User Connected To IOT Implementation	i. Mashitah Mohd Hussain ii. Nur Iqtiyani Ilham iii. Siti Hazurah Indera Putera	Penang International Invention, Innovation And Design (PIID) 2021
12	<i>Anak Kucing Bermata Biru</i>	Aishah Mahat	WSJ Resources
13	Automated Hydroponic System Using Internet Of Things	i. Mohamad Zhafran Hussin ii. Nor Diyana Md Sin	ESN Publications
14	Cost-Effective Interfaces with Arduino-Labview For An IOT-Based Remote Monitoring Application	i. Muhammad Asraf Hairuddin ii. Nur Dalila Khirul Ashar	IntechOpen
15	Development Of Heart Attack Pillow Detector	i. Norhalida Othman ii. Nurhani Kasuan iii. Masmaria Abdul Majid	UiTM Pulau Pinang

PASIR GUDANG CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
16	Development Of Hutan Care Detector	i. Norhalida Othman ii. Nur Amalina Muhamad	UiTM Pulau Pinang
17	Door Alarm System Based Internet Of Things With Blynks	i. Nor Diyana Md Sin ii. Mohamad Zhafran Hussin iii. Siti Aliyah Mohd Saleh	ESN Publications
18	Embedded Greenhouse Monitoring With IOT System	i. Nurul Nadia Mohammad ii. Noor Hafizah Khairul Anuar iii. Norhalida Othman	UiTM Pulau Pinang
19	Enhanced Zirconia Fiber Laser With Black Phosphorus	i. Arni Munira Markom ii. Zakiah Mohd Yusoff	UiTM Cawangan Melaka
20	Flash & Dash	Ahmad Khudzairi Khalid	Silver Base (M) Sdn. Bhd.
21	IOT 3 Axis Milling And Grinding Machine	i. Siti Aminah Nordin ii. Nur Dalila Khirul Ashar iii. Muhammad Asraf Hairuddin iv. Hanunah Othman	PIID2021 E-Proceeding
22	IOT Based College Smoker Tracker System	i. Noor Hasliza Abdul Rahman ii. Ezril Hisham Mat Saat iii. Zahari Abu Bakar	UiTM Pulau Pinang
23	<i>Impian Phd Suhana</i>	Suhana Mohamed	Farabi Global Resources
24	Intrusion Alert System	i. Muhammad Muzamil Mustam ii. Nor Diyana Md Sin iii. Nur Dalila Khirul Ashar	ESN PUBLICATIONS
25	IOT Contactless Smart Sanitizer Dispensing Unit: A Conceptual Design	i. Nur Dalila Khirul Ashar ii. Muhammad Asraf Hairuddin iii. Aznilinda Zainodin @ Zainuddin	ESN Publications
26	It's Fun To Learn Mandarin	Chong Peng Hwa	UiTM Johor

PASIR GUDANG CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
27	<i>Jet Atau Kapal Terbang</i>	Munirah Onn	Silver Base (M) Sdn. Bhd.
28	<i>Mari Bersenam</i>	Aishah Mahat	WSJ Resources
29	Mini Weather Station For Cultivation Of Oyster Mushrooms Using Internet Of Things	i. Mohamad Zhafran Hussin ii. Muhammad Muzamil Mustam iii. Khairul Kamarudin Hasan iv. Norlina Mohd Zain v. Nor Diyana Md Sin	ESN Publications
30	<i>Pengangkut Air Archimedes</i>	Ahmad Khudzairi Khalid	Silver Base (M) Sdn. Bhd.
31	<i>Pesan Setulus Hati Umi</i>	Mahfuzah Mohammed Zabidi	Big M Resources
32	Reverse Vending Machine (RVM)	i. Nur Amalina Muhamad ii. Nor Diyana Md Sin iii. Fazlinashatul Suhaidah Zahid	ESN Publications, India
33	<i>Ramadan 1440H</i>	Aishah Mahat	Kalam Ilham Cipta Press
34	<i>Ramadan 1442H</i>	Aishah Mahat	Kalam Ilham Cipta Press
35	<i>Sahabat Sejati</i>	Aminabibi Satanihpy @ Saidalvi	Ulul-Albab Publication
36	Small Scale IOT Based Energy Monitoring System	i. Ezril Hisham Mat Saat ii. Noor Hasliza Abdul Rahman iii. Nur Amalina Muhamad	UiTM Pulau Pinang
37	<i>Sahabat Sejati</i>	Aishah Mahat	WSJ Resources
38	Simulation Of Residual Stress And Distortion On Additively Manufactured SS316L Specimens Using Inherent Strain Method	Syidatul Akma Sulaiman	Springer

PASIR GUDANG CAMPUS			
NO.	TITLE	AUTHOR/S	PUBLISHER
39	Smart Beloved Tracking System With IOT Features	i. Muhammad Asraf Hairuddin ii. Nur Dalila Khirul Ashar	ESN Publications
40	Smart Notification System with IOT Integration Module For Indoor Building Application	i. Muhammad Asraf Hairuddin ii. Nur Dalila Khirul Ashar	ESN PPublications
41	The Study On Economic Factors Influencing Malaysian Household Debt	Suhana Mohamed	Book Publisher International
42	Vehicle's Blind Spot Detector	i. Norbaiti Sidik ii. Siti Hazurah Indera Putera iii. Sufian Mohamad	ESN Publications

## 5.2 TYPES OF PUBLICATIONS

Table 5.2.1 lists the types and number of publications from UiTM CJ. Each type of publication has shown an increase in number compared to the previous year. Overall, the general publications contribute the most for the total number of publications for 2021.

**Table 5.2.1 Number Of Publications According To Category/Types Of Publication**

NO.	TYPES OF PUBLICATION	SEGAMAT CAMPUS	PASIR GUDANG CAMPUS	TOTAL
1	Books	23	19	42
2	Chapter in Books	36	42	78
3	Indexed Journals	100	134	234
4	Indexed Conference Proceedings	25	37	62
5	General Publications	360	234	594

# 2021

*Annual Report of Research, Industrial Linkages & Alumni Division*

## 6. INDUSTRY AND COMMUNITY LINKAGES

## SECTION 6 INDUSTRY AND COMMUNITY LINKAGES

### 6.0 INTRODUCTION

The university pioneers the sharing of knowledge and technology in developing the nation's economy apart from maintaining the sustainability of resources, culture, society, and nature. Strategic cooperation between the university and the industries can contribute towards the enhancement and improvement of the living standards of the local community as well as the country.

### 6.1 INDUSTRIAL AND COMMUNITY ACTIVITIES

UiTM Cawangan Johor has collaborated with various local and international industries to implement scholarly activities, the sharing of expertise, consultation, and even community services as shown in table 6.1.1.

**Table 6.1.1 List Of Industrial And Community Activities In 2021**

SEGAMAT AND PASIR GUDANG CAMPUS				
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION /SPONSOR
1	Kitchen Scraps: Composting & Recycle Used Cooking Oil	1 January 2021	Online Platform	-
2	Mask In The Bin Video Competition	1 January 2021	Online Platform	-
3	<i>Perasmian Dan Penyerahan Mock-Cheque Projek Kolaborasi Fertigasi Cili UiTM Cawangan Johor</i>	7 January 2021	Bilik Mesyuarat Utama UiTM Cawangan Johor	FAMA Negeri Johor
4	<i>Webinar Bersama PTPTN Johor</i>	15 January 2021	FB Live PTPTN Negeri Johor	PTPTN Muar
5	<i>Bebas Hutang Hati Tenang</i>	20 January 2021	Cisco WebEx	Bank Islam Malaysia Berhad
6	Bee Friendz Bantu Mangsa Banjir	21 January 2021	Kampung Melayu Raya	Yayasan Pelajaran Johor (YPJ)



SEGAMAT AND PASIR GUDANG CAMPUS				
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION /SPONSOR
7	<i>UiTM Berselawat Sempena Majlis Kemuncak Maulidur Rasul 1442H UiTM Cawangan Johor Kampus Pasir Gudang</i>	24 January 2021	Cisco WebEx & UiTM Johor YouTube Channel	MARSAH, MBPG
8	<i>Program Sumbangan Pelitup Muka</i>	8 February 2021	Online Platform	-
9	<i>Ilmu Falak : Wabak - Dari Kacamata Tokoh Ilmuan Islam Zaman Silam</i>	16 February 2021	Cisco WebEx & UiTM Johor YouTube Channel	Masjid Kota Iskandar, Bank Islam Malaysia Berhad Cawangan Pasir Gudang
10	University Startup Challenge (USC)	26 February 2021	ZOOM Meeting	MAGIC, MASMED UITM
11	Zero Waste Catch	1 March 2021	Online Platform	-
12	<i>Sumbangan Face Shield Untuk Guru-Guru Sekolah</i>	10 March 2021	SK Mensudut Pindah, SK KG Jawa, SRAB, SK Buloh Kasap, SK Batu Anam, SK Dato Maharajalela, SK Gemereh, SK Tebing Tinggi, SK Jementah, SK Paya Jakas, SMK Seri Kenangan	SK Mensudut Pindah,SK KG Jawa,SRAB, SK Buloh Kasap, SK Batu Anam, SK Dato Maharajalela, SK Gemereh,SK Tebing Tinggi, SK Jementah, SK Paya Jakas, SMK Seri Kenangan
13	<i>Renungan Musim Covid- 19</i>	14 March 2021	Masjid As Syakirin UiTM Cawangan Johor and UiTM Johor YouTube Channel	Professor Muhd Kamil Ibrahim

SEGAMAT AND PASIR GUDANG CAMPUS				
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION /SPONSOR
14	<i>Webinar Percukaian Individu Tahun Taksiran 2020</i>	15 March 2021	Cisco WebEx & FB LIVE	LHDN
15	<i>Siri Ceramah Usahawan Dari Rumah</i>	15 March 2021	Cisco WebEx	Unit Takaful Prudential, Baker Cik Samihah Ibrahim, Usahawan Nurseri Puan Alice Ahad
16	<i>Nak Bagi Sedekah Tapi Punah, Alamak!</i>	16 March 2021	Cisco WebEx & UiTM Johor YouTube Channel	Lembaga Zakat Selangor (LZS)
17	<i>Infaq &amp; Sadaqah Bersama YaPEIM: Menelusuri Sirah Nabawiyah</i>	16 March 2021	Cisco WebEx	YaPEIM
18	<i>Sumbangan Face Shield Untuk Staf Hospital Segamat</i>	18 March 2021	Hospital Segamat	Hospital Segamat
19	Write And Publish Articles Using Bibliometric Analysis: An Introduction	21 March 2021	Cisco WebEx	Universiti Utara Malaysia (UUM)
20	A Guide To Getting Published With Emerald	22 March 2021	Cisco WebEx	Emerald Publishing
21	<i>Sumbangan Bahan Bacaan Ke Sekolah</i>	22 March 2021	Sekolah Tinggi Segamat Dan Sekolah Menengah Tenang Stesen	Sekolah Tinggi Segamat Dan Sekolah Menengah Tenang Stesen
22	"Research Progress" And "Sample Preparation"	23 March 2021	Universiti Selangor	Universiti Selangor, Kampus Bestari Jaya

SEGAMAT AND PASIR GUDANG CAMPUS				
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION /SPONSOR
23	<i>Bantuan Peranti Komputer Riba Kepada Pelajar Golongan B40 UiTM Cawangan Johor</i>	24 March 2021	Kediaman Pelajar Sekitar Segamat	Bahagian Zakat, Sedekah & Wakaf UiTM Shah Alam
24	<i>Lawatan Rasmi ke Advance Defence Systems (ADS) Sdn. Bhd., Segamat</i>	24 March 2021	Pejabat Advance Defence Systems (ADS) Sdn Bhd, Segamat	Advance Defence Systems (ADS) Sdn. Bhd., Segamat
25	<i>Memperkasa Keterampilan Akademia Melalui Penulisan</i>	28 March 2021	Cisco WebEx	Universiti Kebangsaan Malaysia (UKM)
26	<i>Penyerahan Komputer Terpakai Sekolah Kebangsaan Batu Anam</i>	5 April 2021	Pejabat Bahagian Infostruktur, UiTM Cawangan Johor	Sekolah Kebangsaan Batu Anam
27	<i>How To Be A Good Supervisor</i>	7 April 2021	Online Platform	Universiti Teknologi Malaysia (UTM)
28	<i>Bengkel Penulisan Dan Pembentangan Maya Inovasi Sekolah</i>	7 April 2021	Bilik Seminar Pejabat Pendidikan Daerah Segamat	Kementerian Pendidikan Malaysia, PPD Segamat Johor
29	<i>Kunjungan Hormat Ke Pejabat RISDA Daerah Segamat</i>	8 April 2021	Pejabat Risda Daerah Segamat	RISDA Daerah Segamat
30	<i>Infq Ramadhan (IR 1.0)</i>	22 April 2021	Jementah	-
31	<i>Program #PTDI Prihatin</i>	29 April 2021	Sekolah Kebangsaan LKTP Medoi Segamat Johor	Sekolah Kebangsaan LKTP Medoi Segamat Johor

SEGAMAT AND PASIR GUDANG CAMPUS				
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION /SPONSOR
32	<i>Ceria Raya Bersama UiTMCJ Dan Khalifahku Educare Centre 1.0</i>	1 May 2021	1. Kg Tengah Segamat 2. Bandar Putra Segamat 3. Kg Paya Lenga Segamat 4. Kg Paya Besar Segamat 5. Kg Batu Hampar Segamat 6. Kg Bukit Tunggai	Khalifahku Educare Centre
33	<i>Kunjungan Hormat Ahli Parlimen Segamat</i>	2 May 2021	Bilik Mesyuarat Utama UiTM Cawangan Johor	Parlimen Segamat
34	<i>Infaq Ramadhan 2021</i>	5 May 2021	Bilik Sekretariat UiTM Cawangan Johor	-
35	<i>Infaq Ramadhan Sprint</i>	8 May 2021	Daerah Segamat	-
36	<i>Titipan Kasih Santuni Asnaf Bersama UiTM Dan Rumah Barkat</i>	9 May 2021	Rumah Barkat, Johor Bahru	Rumah Barkat
37	<i>PEWANI Prihatin: Kasih Ramadhan</i>	12 May 2021	Bilik Rehat Pensyarah UiTM Cawangan Johor	-
38	The Role Of Technology In Information Management	20 May 2021	Google Meet And FaceBook	Navotas Polytechnic College
39	Ethical Hacking : How To Avoid Being Hacked?	22 May 2021	FaceBook Upskill I.T. Workshop Webinar, ZOOM Meeting	Upskill I.T.
40	Teaching On The Go	25 May 2021	SMK Gemereh	SMK Gemereh Yayasan Pelajaran Johor (YPJ)

SEGAMAT AND PASIR GUDANG CAMPUS				
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION /SPONSOR
41	Tips And Strategies To Obtain External Grants	2 June 2021	Cisco WebEx	Universiti Teknologi Malaysia (UTM), INCEIF
42	Online Guest Lecture: Media & Its Role For Marketing Communication	15 June 2021	Online Platform	Fakulti Ekonomi Dan Perniagaan, Universiti Airlangga
43	International Management Lecturer Series 3 - Online Guest Lecture	15 June 2021	Online Platform	Management Department, Faculty Of Economics And Business, Universitas Airlangga
44	<i>Kesedaran Tempat Kerja Dan Institusi Tempat Kerja Bebas Dari Dadah</i>	16 June 2021	YouTube UiTM Johor	Agensi Antidadah Kebangsaan Negeri Johor (AADK)
45	<i>Siri Webinar Ayuh Berusahawan Siri 1 - Keusahawanan 30 Pes Makanan: Senangnya Memasak!</i>	16 June 2021	Cisco WebEx & UiTM Johor YouTube Channel	Pes Mak Nani
46	Tomorrow's Leader : The Future Is In Our Hand	17 June 2021	Google Meet, AADK Johor FaceBook	Agensi Anti Dadah Kebangsaan (AADK) Johor
47	Webinar Alumni Talk: <i>Adakah Anda Calon Idaman Majikan</i>	17 June 2021	Online Platform	Maybank
48	Kesejahteraan Diri Siri 4/2021 - To Know You Is To Love You!	17 June 2021	Cisco WebEx & UiTM Johor YouTube Channel	Universiti Teknologi Malaysia (UTM)

SEGAMAT AND PASIR GUDANG CAMPUS				
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION /SPONSOR
49	Skill Em Up : Smartphone Picture	18 June 2021	Google Meet	Kolej Komuniti Segamat
50	<i>Bengkel Asas Penulisan Siri 1</i>	19 June 2021	Google Meet	Farabi Global Resources
51	Chemistry Is Fun: Master The Basics	22 June 2021	YouTube Channel	Persatuan STEM Kebangsaan Chapter Kelantan, Jabatan Pelajaran Negeri Johor, Pejabat Pendidikan Kota Bharu
52	<i>Ke Mana Selepas Diploma</i>	23 June 2021	Cisco WebEx	Johor Skills Sdn. Bhd.
53	<i>Webinar Bekerja Sendiri Vs Makan Gaji , Apa Pilihan Anda?</i>	24 June 2021	Online Platform	SUKSES Consultancy
54	Skill Em Up : Data Analytics (SPSS)	25 June 2021	Google Meet	Kolej Komuniti Segamat
55	Youtube For Beginner: How To Be A Successful Content Creator	25 June 2021	Cisco WebEx	SDC -Sifoo.com & MASMED UiTM Shah Alam
56	Skill Em Up : Basic Investment	26 June 2021	Google Meet	Kolej Komuniti Segamat
57	International 5G Technology Symposium	30 June 2021	YouTube UiTM Johor	Dhofar University, Sultanate Of Oman
58	<i>Siri Webinar Ayuh Berusahawan Siri 2 - Indahnya Bisnes Tudung</i>	30 June 2021	Cisco WebEx & UiTM Johor YouTube Channel	Belezza Sofia
59	<i>Program Inovasi Baja Organik (P.I.B.O) Bersama Penduduk Kampung Sepakat Masai</i>	1 July 2021	Online Platform	Yayasan Pelajaran Johor (YPJ)



SEGAMAT AND PASIR GUDANG CAMPUS				
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION /SPONSOR
60	Early Childhood Education Webinar: Implementing CEFR-Aligned Curriculum in Preschool	3 July 2021	Online Platform	Penerbitan Pelangi Sdn. Bhd.
61	Farmonik The Revolution	3 July 2021	Online Platform	Yayasan Pelajaran Johor (YPJ)
62	iV-STEM@Volunteers STEM 2.0	3 July 2021	Online Platform	Yayasan Pelajaran Johor (YPJ)
63	Kursus Asas Intrapreneur	5 July 2021	Google Meet & Google Classroom	Kementerian Pembangunan Usahawan dan Koperasi (MEDAC), INSKEN
64	Webinar Sakti: Ilmu, Bakti, Kualiti	11 July 2021	YouTube Channel	Sekolah Menengah Sains Kota Tinggi & Pertubuhan Bekas Pelajar SM Sains Kota Tinggi (PRASASTI)
65	YPJ Duta Mahasiswa: Teaching On The Go	13 July 2021	SK Gemereh	SK Gemereh Yayasan Pelajaran Johor (YPJ)
66	Webinar Strategi Pengkomersialan Produk Inovasi Dari Perspektif Bisnes	14 July 2021	UiTM Johor YouTube Channel and Streamyard	UCSI University
67	Siri Webinar Ayuh Berusahawan Siri 3 - Bestnya Bisnes Soya	14 July 2021	Cisco WebEx & UiTM Johor YouTube Channel	FN Maju Enterprise



SEGAMAT AND PASIR GUDANG CAMPUS				
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION /SPONSOR
68	WhatsApp For Business 101	16 July 2021	Google Meet & Google Classroom	Pertubuhan Bakti Insan Sajadi Malaysia, Kagum Academy & Institusi Keusahawanan Negara (INSKEN)
69	Do Comprehensive And Selective Corrective Feedback Really Work for L2 Writing Accuracy? An Overview from Indonesian Context	29 July 2021	Cisco WebEx & UiTM Johor YouTube Channel	Universitas Lancang Kuning, Indonesia
70	<i>Siri Webinar Ayuh Berusahawan Siri 4 - Dari Lensa Kamera Cipta Pendapatan</i>	11 August 2021	Cisco WebEx & UiTM Johor YouTube Channel	Bangsawan Pictures
71	<i>Webinar Wakaf Manqul: Mendepani Cabaran Pandemik Covid19</i>	23 August 2021	Cisco WebEx	Majlis Agama Islam Negeri Johor (MAIJ), Bahagian Zakat, Baitulmal & Wakaf
72	Webinar Strategies And Essential Tips For Publishing In A High Impact Journal	25 August 2021	Online Platform	Institut Sel Fuel UKM
73	Teaching On The Go	27 September 2021	YouTube Channel	Yayasan Pelajaran Johor (YPJ)
74	<i>Kunjungan Delegasi Adun Buloh Kasap Dan Ahli Majlis Perbandaran Segamat Ke UiTM Cawangan Johor, Kampus Segamat</i>	15 October 2021	UiTM Cawangan Johor	Adun Buloh Kasap Ahli Majlis Perbandaran
75	<i>Lawatan Kerja Ke Menara Skymind Pulau Pinang</i>	26 October 2021	Menara Skymind Pulau Pinang	Skymind

SEGAMAT AND PASIR GUDANG CAMPUS				
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION /SPONSOR
76	<i>Kunjungan Hormat Ke Majlis Perbandaran Segamat Bagi Kerjasama Strategik Dan Pembangunan Ekonomi</i>	27 October 2021	Pejabat Majlis Perbandaran Segamat	Majlis Perbandaran Segamat (MPS)
77	<i>Sembang-Sembang ASNB Siri 1 -Kuasai Kewangan Anda: Perancangan Pelaburan</i>	11 November 2021	ZOOM Meeting	Amanah Saham Nasional Berhad (ASNB)
78	<i>Sembang-Sembang ASNB Siri ke-3: Perancangan Perwarisan Unit Amanah ASNB: Hibah Amanah &amp; Pengisytiharan Amanah</i>	25 November 2021	ZOOM Meeting	UHCFE
79	<i>Majlis Penganugerahan 'Professional Certificate In Electrical &amp; Electronics Technology (Phase 1)' bersama Highly Marelli Sdn. Bhd. &amp; Alumni UiTM</i>	2 December 2021	PTDI UiTM Pasir Gudang	Highly Marelli Sdn. Bhd. (HMMY)
80	<i>Majlis Apresiasi MoA Bersama My Iskandar Sdn. Bhd.</i>	2 December 2021	PTDI UiTM Pasir Gudang	My Iskandar Sdn. Bhd. (MISB)
81	<i>Forum Mana-Mana Rancak, Berjaya!! - Kemahiran Insaniah: Membina Jati Diri Mahasiswa</i>	15 December 2021	UiTM Johor YouTube Channel	Youth Ventures Asia Majlis Belia Malaysia AirLiurEmas.com
82	<i>Program Keep It Green Peringkat Negeri Johor</i>	15 December 2021	PTDI UiTM Pasir Gudang	SWCorp Negeri Johor
83	<i>Webinar Simfoni Kasih Komuniti Prihatin (Symphony J-Care)</i>	16 December 2021	UiTM Johor YouTube Channel	Free Market Johor SEDULUR Ukhwah 4 Ummah Johor Ihsan Johor Relief

## 6.2 MEMORANDUM OF UNDERSTANDING/AGREEMENT

UiTM Cawangan Johor has collaborated and signed several MoUs and MoAs with national and international organizations who are the key players in the related fields as displayed in Table 6.2.1.

**Table 6.2.1 List Of MoUs And MoAs**

NO.	UNIVERSITY / ORGANISATION	COUNTRY	DATE	DURATION	PROJECT LEADER
1	Majlis Daerah Mersing (MoU)	Malaysia	1 March 2021	3 years	Suhana Mohamed
2	MSC Cyberport Sdn Bhd (MoU)	Malaysia	15 March 2021	5 years	Jaslin Md Dahlan
3	My Iskandar Sdn. Bhd. (MISB) (MoA)	Malaysia	25 March 2021	2 Years	Ts. Dr. Arni Munira Markom
4	Joho Alfa Consultant (MoU)	Malaysia	30 July 2021	5 years	Dr. Norashikin Ismail
5	Bakti Farm Holding Sdn Bhd (MoA)	Malaysia	8 Oktober 2021	1 year	Munirah Onn
6	Aidan Group Of Companies (MoU)	Malaysia	19 August 2021	3 years	Dr. Norashikin Ismail
7	Hayrat Turkey Foundation (MoU)	Turkey	19 August 2021	5 years	Dr. Mahfuzah Zabidi
8	Crystal Heights Education Sdn. Bhd. (MoU)	Malaysia	30 August 2021	3 years	Dr. Mohamad Majid
9	Universal Minds (MoU)	Malaysia	30 August 2021	3 years	Dr. Norashikin Ismail
10	MFL Enterprise (MoU)	Malaysia	10 October 2021	3 years	Siti Nordiyana Ishak
11	Asri Ahmad Academy Sdn. Bhd. (MoA)	Malaysia	27 October 2021	3 years	Syamsyul Samsudin
12	Iskandar Regional Development Authority (IRDA) (MoU)	Malaysia	18 November 2021	2 years	Dr. Siti Nuur Ila Mat Kamal



Some of the related activities are shown in Figure 6.2.1 - 6.2.13



**Figure 6.2.1 Johor State Level Keep It Green Program With SWCorp Johor**



**Figure 6.2.2 Collaboration Discussion Between UiTM CJ And Majlis Perbandaran Segamat (MPS)**





Figure 6.2.3 Collaboration Discussion With Skymind Pulau Pinang



Figure 6.2.4 Collaboration Discussion With RISDA Daerah Segamat





**Figure 6.2.5 Kunjungan Delegasi Adun Buloh Kasap Dan Ahli Majlis Perbandaran Segamat**



**Figure 6.2.6 Kunjungan Hormat Ahli Parlimen Segamat**





Figure 6.2.7 Raya Ceria With UiTM Cawangan Johor And Khalifahku Educare Centre



Figure 6.2.8 A Gift Of Love 4.0 Infaq Ramadhan Sprint





Figure 6.2.9 Infaq Ramadhan (IR1.0) Cahaya Kasih FSKM UiTMCJ



Figure 6.2.10 Titipan Kasih Santuni Asnaf



**Figure 6.2.11 MoU Signing Ceremony Between UiTM And My Iskandar Sdn. Bhd.**



**Figure 6.2.12 MoU Signing Ceremony Between UiTM And IRDA**





**Figure 6.2.13 MoU Signing Ceremony Between UiTM And MFL Enterprise**

# 2021

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## 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 and Table 7.1.2 shows the data of graduate's employability for Segamat and Pasir Gudang Campuses. Table 7.1.1 shows 83.1% of graduates (diploma and degree) are employed at Segamat Campus and Table 7.1.2 shows 87.2% of graduates (diploma, degree, master ) at Pasir Gudang Campus. 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 have graduated.

**Table 7.1.1 Graduate Employability For Segamat Campus In 2021**

SEGAMAT CAMPUS								
LEVEL	PROGRAM CODE	EMPLOYED		FURTHER STUDY		UNEMPLOYED		GRADUATE EMPLOYABILITY (%)
		NUM	%	NUM	%	NUM	%	
DIPLOMA	AC110	21	35.6	34	57.6	4	6.8	93.2
	BA111	7	28	14	56	4	16	84
	BA114	14	17.1	61	74.4	7	8.5	91.5
	BA119	6	27.3	12	54.5	4	18.2	81.8
	BM111	1	100	0	0	0	0	100
	BM114	0	0	0	0	1	100	0
	BM119	2	100	0	0	0	0	100

LEVEL	PROGRAM CODE	EMPLOYED		FURTHER STUDY		UNEMPLOYED		GRADUATE EMPLOYABILITY (%)
		NUM	%	NUM	%	NUM	%	
	CS110	17	25.8	33	50	16	24.2	75.8
	CS143	9	37.5	11	45.8	4	16.7	83.3
	IM110	13	34.2	15	39.5	10	26.3	73.7
TOTAL (DIPLOMA)		<b>90</b>	<b>28.1</b>	<b>180</b>	<b>56.3</b>	<b>50</b>	<b>15.6</b>	<b>84.4</b>
DEGREE	BA240	32	74.4	3	7	8	18.6	81.4
	BA242	80	82.5	0	0	17	17.5	82.5
	BA249	44	77.2	2	3.5	11	19.3	80.7
	BA251	26	89.7	0	0	3	10.3	89.7
	BM240	3	75	0	0	1	25	75
	BM242	8	80	0	0	2	20	80
	BM249	3	60	0	0	2	40	60
	BM251	1	100	0	0	0	0	100
	IM246	19	73.1	1	3.8	6	23.1	76.9
TOTAL (DEGREE)		<b>216</b>	<b>79.4</b>	<b>6</b>	<b>2.2</b>	<b>50</b>	<b>18.4</b>	<b>81.6</b>
<b>TOTAL</b>		<b>306</b>	<b>51.7</b>	<b>186</b>	<b>31.4</b>	<b>100</b>	<b>16.9</b>	<b>83.1</b>

**Table 7.1.2 Graduate Employability For Pasir Gudang Campus In 2021**


<b>PASIR GUDANG CAMPUS</b>								
<b>LEVEL</b>	<b>PROGRAM CODE</b>	<b>EMPLOYED</b>		<b>FURTHER STUDY</b>		<b>UNEMPLOYED</b>		<b>GRADUATE EMPLOYABILITY (%)</b>
		<b>NUM</b>	<b>%</b>	<b>NUM</b>	<b>%</b>	<b>NUM</b>	<b>%</b>	
DIPLOMA	BM117	5	19.2	15	57.7	6	23.1	76.9
	EC110	26	17	116	75.8	11	7.2	92.8
	EE110	0	0	1	100	0	0	100
	EE111	5	35.7	8	57.1	1	7.1	92.9
	EE112	2	14.3	12	85.7	0	0	100
	EH110	9	11.1	70	86.4	2	2.5	97.5
	EM110	21	17.5	88	73.3	11	9.2	90.8
<b>TOTAL (DIPLOMA)</b>		<b>68</b>	<b>16.6</b>	<b>310</b>	<b>75.8</b>	<b>31</b>	<b>7.6</b>	<b>92.4</b>
DEGREE	BM242	14	100	0	0	0	0	100
<b>TOTAL (DEGREE)</b>		<b>14</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>
MASTER	AA701	6	100	0	0	0	0	100
<b>TOTAL (MASTER)</b>		<b>6</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>
<b>TOTAL</b>		<b>394</b>	<b>38.6</b>	<b>496</b>	<b>48.6</b>	<b>131</b>	<b>128</b>	<b>87.2</b>



## 7.2 ALUMNI ACTIVITIES

The Alumni Unit has organized several activities such as workshops, talks and gatherings as shown in Table 7.2.1 and 7.2.2. A strong bond between alumni and UiTMCJ is the main objective for each event to create a self-belonging to UiTM.

**Table 7.2.1 List Of Activities Conducted By The Alumni Unit Of UiTMCJ For Segamat Campus**

SEGAMAT CAMPUS	
NO.	ALUMNI ACTIVITIES (DATE/VENUE/COLLABORATION/SPONSOR/LEVEL)
1	<p><b>ALUMNI TALK SERIES: ALUMNI EXPERT SHARING</b></p> <p>Alumni Talk is an alumni expert sharing programme. The Alumni Unit of Segamat Campus successfully organized three (3) webinars. The aims are to give an exposure for final year students in the working environment, business mindset and preparing to enter the labour market. The selection of speakers was related to the topic and was also an alumni of UiTMCJ.</p> <p>I. Alumni Talk: <i>Adakah Anda Calon Idaman Majikan</i></p> 

II. Alumni Talk : Bekerja Sendiri vs Makan Gaji, Apa Pilihan Anda?



III. Strategies For Securing Research Grant



2

**ALUMNI PRIHATIN: INFAQ KASIH ALUMNI**

Date : 28 April 2021


Venue : UiTM Cawangan Johor

Recipient : 847 students

This programme is a platform for alumni to give benefits to the university. This programme is a collaboration between the Alumni Unit and Alumni Association of UiTMCJ. The amount of donation was RM5,540 and has been distributed to 847 students during the last Ramadhan.



**Table 7.2.2 List Of Activities Conducted By Alumni Unit UiTMCJ For Pasir Gudang Campus**

PASIR GUDANG CAMPUS	
NO.	ALUMNI ACTIVITIES (DATE/VENUE/COLLABORATION/SPONSOR/LEVEL)
1	<p align="center"><b>ALUMNI TALK SERIES: ALUMNI EXPERT SHARING</b></p> <p>I. Sesi Bersama Alumni FKE</p> <p>The purpose of this webinar was to share the experiences of alumni from the College of Engineering (Electrical), UiTMCJ Pasir Gudang Campus in terms of preparing for further studies overseas. Both alumni are presently studying at the University of Manchester in the United Kingdom for a Ph.D. and a Bachelor's Degree.</p> <div data-bbox="592 1397 1197 1975" data-label="Image">  </div>



## II. Law of Success at PKE

The purpose of this webinar was to encourage students who are participating in virtual learning activities as a result of the COVID-19 outbreak. The webinar was attended by first-year students who had never been on campus before. In addition, this session was held to identify the issues that students confronted as they go through the learning process during this difficult period. As a result, the College of Engineering (Electrical), UiTM CJ Pasir Gudang Campus has been tasked with lightening the load by instilling some energy and passion among the students.



## III. Sembang Santai : What's Next After SPM

This webinar was conducted by College of Engineering (Mechanical), UiTM CJ Pasir Gudang Campus in order to assist and guide SPM graduates in choosing the suitable field of study after their SPM that met their interests. Participants in this webinar asked a variety of questions because they lacked reference for continuing their studies after SPM. Various tips were given to the webinar participants in choosing the field of study that will be continued after SPM later.



**Sembang Santai**  
**WHAT'S NEXT AFTER SPM ?**

INFO PROGRAM:  
Tarikh : Sabtu, 7 OGOS 2021  
Masa : 10 pagi – 11:30 pagi  
Platform : FACEBOOK LIVE  
<https://fb.me/e/5iJvIE48V>  
Sila scan : 

**SPEAKER:**  
MUHAMMAD MOHAMED AMIN  
CEO e-Xra  
• Alumni UiTM Kampus Pasir Gudang & UiTM Shah Alam  
• Diploma (CGPA 3.94) & Bachelor Degree In Mechanical Engineering (CGPA 3.71) / Peserta program pertukaran pelajar; Hochschule Hannover, Germany

**MODERATOR:**  
DR RAJA MUHAMMAD ASLAM BIN RAJA ARIF

- Kemanakah halatuju yang adik-adik boleh teruskan selepas SPM belah???
- Apakah bidang pengajian yang ditawarkan di institusi pengajian tinggi yang sesuai dengan adik-adik???
- Apakah tip-tip yang adik-adik boleh amalkan untuk berjaya dalam pengajian???

**Adik-adik nak tahu??? Haaa jom sama-sama sertai program sembang santai "WHAT'S NEXT AFTER SPM?" ini!!!**

#### IV. Career Talk

This webinar was conducted by College of Engineering (Mechanical), UiTM CJ Pasir Gudang Campus in providing exposure to students regarding the preparation to attend an interview. In addition, this webinar has also been given the exposure to students about the potential job opportunities and prospects, and challenges that will be faced after graduation. A variety of great partnerships have been made with alumni through webinars. Students also provide positive feedback throughout the webinar.



**PROGRAM**  
**CAREER TALK**

**PENYERTAAN INI DIBUKA KEPADA SEMUA PELAJAR FKM**

**Puan Shaira Ismail**  
**PENCERAMAH**  
Pensyarah Kanan  
Faculty of Business and Management Universiti Teknologi Mara (UiTM)

**Encik Nur Islam Bin Nur Iskandar**  
**PENCERAMAH**  
Manager, Business Development & Operation At Integrated Petroleum Services Sdn.Bhd.

  
  
Scan Me

**PAUTAN KE TALIAN WEBEX**

**16 JUN 2021 (RABU)**  
**2.00 – 4.30 PM**

ANUIURAN : PERSATUAN MAHASISWA/I KEJURUTERAAN MEKANIKAL (MESS), UNIT LATIHAN INDUSTRI FKM & JABATAN ALUMNI, INDUSTRI DAN MASYARAKAT FKM



2

### **ALUMNI PRIHATIN: INFAQ RAMADHAN KAREEM, EDARAN BUBUR LAMBUK**

This event took place in connection with Ramadan Al-Mubarak at the Wonderful World Coconut Shake in Taman Nong Chik, Johor Bahru. The program was led by the President of the UiTMCI Alumni Association, Tuan Haji Roslan. This program's goal is to distribute *bubur lambuk* to UiTM students and residents in the surrounding area. A total of 250 *bubur lambuk* were distributed successfully.



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## 8. MASMED



## SECTION 8

### MASMED

#### 8.0 INTRODUCTION

Malaysian Academy of SME & Entrepreneurship Development (MASMED) is an important unit in generating the entrepreneurship culture among students of UiTM CJ. A lot of activities and programs were conducted where the involvement of the stakeholders helped to instill interest in entrepreneurship among the students and staff as well.

#### 8.1 PROGRAMMES AND ACTIVITIES

Tables 8.1.1 and 8.1.2 summarise the activities and programs conducted by MASMED UiTM CJ Segamat and Pasir Gudang campuses respectively. A total of 27 activities from Segamat Campus and 13 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.

Various activities have been carried out through 2021 which has brought some achievements at UiTM and national level. MASMED has won several awards through participation in several programs and awards at the UiTM and national level as such;

- i. Favourite Start Up USC 2021 – Technology Track by The Malaysian Global Innovation and Creativity Centre (MAGIC).
- ii. *Anugerah Kecemerlangan Keusahawanan 2021* by PJI&A Division, UiTM Cawangan Johor.
- iii. *Anugerah Kecemerlangan Jaringan Industri 2020* by PJI&A Division, UiTM Cawangan Johor.
- iv. *Tempat Ketiga Anugerah Usahawan Graduan di Anugerah Keusahawanan Kementerian Pendidikan Tinggi (MEA 2021)* oleh Kementerian Pendidikan Tinggi

Hopefully, the years ahead will bring more great success for MASMED and thus ensure that the application of entrepreneurial elements continues to be in line with the development of this sector in our country.

**Table 8.1.1 List Of Programs Conducted By MASMED UiTM CJ For Segamat Campus**

SEGAMAT CAMPUS					
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION/ SPONSOR	LEVEL
1	<i>Majlis Perasmian Dan Penyerahan Mock Cheque Projek Kolaborasi Fertigasi Cili UiTM CJ – FAMA Negeri Johor</i>	7 January 2021	Bilik Mesyuarat Utama (BMU) And Laman Tani Agrosis, UiTM CJ	FAMA Negeri Johor	State
2	The First Collection Of The Chilli Fertigation Collaboration Project And Project Sales Activities Began	18 January 2021	Laman Tani Agrosis, UiTM CJ	-	UiTM
3	Online Discussion With Industry For The Development Of Accelerated Entrepreneurship Program (ACE) Module 2021	11 March 2021	Google Meet	Involve Asia Tech Sdn. Bhd., Ainnashrun Ent, Hijabiza, Sarjani (M) Sdn. Bhd., PNS Berhad, Crystal Heights Education Sdn. Bhd., SRK Empire, Saujana Bestari Enterprise, And Luxury Taste Empire	State
4	Contribution Of A Mini Chilli Fertigation Set And Nutri Pot By Jabatan Pertanian Daerah Segamat	16 March 2021	Unit Kolej And UiTM CJ	Jabatan Pertanian Negeri Johor	State
5	Benchmark Visit To Chilli Fertigation Project In Felda Palong 10, Negeri Sembilan	22 March 2021	Felda Palong 10, Negeri Sembilan	-	UiTM
6	Working Visit By Pengarah Lembaga Perindustrian Nanas Negeri Johor (LPNM)	24 March 2021	Bilik Mesyuarat Utama (BMU) and Kebun Angkat Nanas, UiTM CJ	Lembaga Perindustrian Nanas Negeri Johor (LPNM)	State

SEGAMAT CAMPUS					
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION/ SPONSOR	LEVEL
7	MASMED UiTM CJ Agropreneur Upskilling Program – MD2 Pineapple Cultivation Basic Course By Lembaga Perindustrian Nanas Negeri Johor (LPNM)	5 April 2021	Bilik Seminar, UiTM CJ	Lembaga Perindustrian Nanas Negeri Johor (LPNM)	UiTM
8	Courtesy Visit UiTM CJ Deligation To Pejabat RISDA Daerah Segamat	8 April 2021	Pejabat RISDA Daerah Segamat	RISDA Daerah Segamat	State
9	University Start-up Challenge 2021 (USC 2021)	May – October 2021	Online Basis	The Malaysian Global Innovation And Creativity Centre (MAGIC) And MASMED, UiTM Shah Alam	National
10	<i>Program Temu Mesra Bersama Penolong Naib Canselor Keusahawanan (PNC MASMED)</i>	3 May 2021	Google Meet	MASMED, UiTM Shah Alam	UiTM
11	5 <sup>th</sup> Paradigma Johor Magazine Publication	20 May 2021	-	-	UiTM
12	MASMED UiTM CJ Agropreneur Upskilling Program – Basic Packaging And Marketing Courses By FAMA Negeri Johor	1 June 2021	Google Meet	FAMA Negeri Johor	State
13	Roadshow And KPI Presentation By Student Entrepreneurship Centre, MASMED UiTM Shah Alam With Southern Zone Coordinator	14 June 2021	Google Meet	MASMED, UiTM Shah Alam, MASMED Negeri Melaka And MASMED Negeri Sembilan	National

SEGAMAT CAMPUS					
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION/ SPONSOR	LEVEL
14	YouTube For Beginner: How To Be A Successful Content Creator	25 – 26 June 2021	Cisco Webex And YouTube MASMED UiTM CJ	Sifoodot.com	UiTM
15	<i>Kursus Asas Intrapreneur 101 (Ready to Work) By INSKEN</i>	5 - 6 July 2021	Google Meet And Google Classroom	Kementerian Pembangunan Usahawan dan Koperasi (MEDAC) and Institut Keusahawanan Negara (INSKEN)	National
16	WhatsApp For Business 101 Program	16-17 July 2021	Google Meet And Google Classroom	Pertubuhan Bakti Insan Sajadi Malaysia, Kagum Academy And Institut Keusahawanan Negara (INSKEN)	National
17	Social Innovation And Entrepreneurship Trainer Certification Programme By MAGIC	December 2020 – July 2021	Online Basis	The Malaysian Global Innovation And Creativity Centre (MAGIC) And MASMED, UiTM Shah Alam	International
18	Discussion With The Headman Of Mukim Gemereh For The UsahaNiti @Johor Project	9 September 2021	Kompleks Penghulu Gemereh, Segamat	Penghulu Mukim Gemereh And SME in Segamat	District
19	Discussion With Maxis Broadband Sdn. Bhd. Southern Region	14 September 2021	Microsoft Teams	Maxis Broadband Sdn. Bhd. Southern Region	National
20	A Session With Entrepreneur For The UsahaNiti @Johor Project	16 September 2021	Google Meet	Penghulu Mukim Gemereh And SME In Segamat	District

SEGAMAT CAMPUS					
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION/ SPONSOR	LEVEL
21	Strategic Collaboration And Smart Partnership Discussion Between UiTM CJ And Maxis Broadband Sdn. Bhd. Southern Region	28 September 2021	Microsoft Teams	Maxis Broadband Sdn. Bhd. Southern Region	National
22	Second Round Planting Of Chilli Fertigation UiTM CJ	23 September 2021	-	Laman Tani Agrosis, UiTM CJ	UiTM
23	<i>Taklimat Keusahawanan Oleh Unit Keusahawanan MASMED UiTM CJ</i>	30 September 2021	YouTube UiTM Johor	-	UiTM
24	Memorandum Of Understanding (MoU) Signing Ceremony Between UiTM And M.F.L. Enterprise	7 October 2021	Perpustakaan Tun Dr. Ismail 1, UiTM CJ	M.F.L. Enterprise	UiTM
25	6 <sup>th</sup> Paradigma Johor Magazine Publication	20 October 2021	-	-	UiTM
26	Meeting And Workshop With The Entrepreneurial Coordinator At Malaysian Academy of SME & Entrepreneurship Development (MASMED), UiTM Shah Alam	7 - 9 December 2021	LaCarista Hotel Melaka	MASMED, UiTM Shah Alam	UiTM
27	<i>Anugerah Keusahawanan Kementerian Pendidikan Tinggi (MEA 2021)</i>	22 December 2021	Putrajaya Grand Ballroom, Putrajaya Mariot Hotel	Kementerian Pendidikan Tinggi	National



**Table 8.1.2 List Of Programs Conducted By MASMED UiTMCJ For Pasir Gudang Campus**

PASIR GUDANG CAMPUS					
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION / SPONSOR	LEVEL
1	Surprise Delivery	31 January 2021	UiTMCJ Pasir Gudang Campus And JB	-	Community
2	<i>Penerbitan Buletin Usahawan MASMED UiTM Edisi ke-4 Tahun 2020</i>	7 March 2021	-	-	National
3	MASMED Bookstore	1 May 2021	Budisiswa Building, UiTM Cawangan Johor Pasir Gudang Campus	-	University
4	Khawarizmi Biz Hub	1 May 2021	Khawarizmi Building , UiTM Cawangan Johor Kampus Pasir Gudang	-	University
5	<i>Pertandingan Video Ulasan Produk</i>	1 - 29 June 2021	Cisco WEBEX & UiTM Johor YouTube Channel	-	University
6	<i>Webinar Keusahawanan Siri 1: Keusahawanan 30 Pes Makanan: Senangnya Memasak!</i>	16 June 2021	Cisco WEBEX & UiTM Johor YouTube Channel	Pes Mak Nani	National
7	<i>Webinar Keusahawanan Siri 2 – Indahnya Bisnes Tudung</i>	30 June 2021	Cisco WEBEX & UiTM Johor YouTube Channel	Belezza Sofia	National

PASIR GUDANG CAMPUS					
NO.	ACTIVITIES	DATE	VENUE	COLLABORATION / SPONSOR	LEVEL
8	<i>Webinar Keusahawanan Siri 3 – Bestnya Bisnes Soya</i>	14 July 2021	Cisco WEBEX & UiTM Johor YouTube Channel	FN Maju Enterprise	National
9	<i>Webinar Keusahawanan Siri 4 – Dari Lensa Kamera Cipta Pendapatan</i>	11 August 2021	Cisco WEBEX & UiTM Johor YouTube Channel	Bangsawan Pictures	National
10	<i>Webinar Keusahawanan Siri 5 – Dari Menara Tinggi ke Usahawan Tani</i>	15 September 2021	Cisco WEBEX & UiTM Johor YouTube Channel	E Office Agro Plantations	National
11	<i>Webinar Potensi Perniagaan Produk Halal</i>	30 September 2021	Cisco WEBEX & UiTM Johor YouTube Channel	ZZ Halfood Holdings Sdn. Bhd.	National
12	Draft Memorandum Of Understanding (MoU) Between UiTM And Fani Soy	1 October 2021 - 30 September 2024	-	FN Maju Enterprise	National
13	UiTM Johor Virtual Fun Run 1.0	1 - 30 November 2021	Virtual	-	National

# 2021

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## 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 2021. The achievements include special awards and recognitions that were recorded under Research, Industrial Linkages and Alumni (PJI&A) Division through its units namely Research, Consultancy, Innovation, Publication, Industry and Community Linkage, Alumni and MASMED. These awards are not only considered as a recognition of efforts but also to prove the capability of UiTM CJ. It not only helps to increase the visibility of this institution among local and international communities but also to serve as a mechanism to increase the Malaysia Research Assessments (MyRA) score for UiTM CJ.

### 9.1 RESEARCH, INDUSTRIAL LINKAGES AND ALUMNI (PJI&A) DIVISION EXCELLENCE AWARDS

Annual awards are presented to individuals, groups and projects that excel in the activities under PJI&A Division UiTM CJ. The awards ceremony was held on 19 December 2021 where it involved 9 categories for 2020 and 17 categories for 2021.



**Figure 9.1.1 Research, Industrial Linkages and Alumni (PJI&A) Division Excellence Awards 2021 Ceremony**

**Table 9.1.1 List Of Research, Industrial Linkages and Alumni (PJI&A) Division Excellence Awards 2020 Recipients**

NO.	AWARD	RECIPIENT
1	<i>Penulis Prolifik Artikel Akhbar</i>	Dr. Mohd Ali Muhamad Don
2	<i>Penulis Artikel Akhbar Arus Perdana</i>	Oswald@Timothy Edward
3	<i>Kecemerlangan Inovasi (Sains Sosial)</i>	Jannah Munirah Mohd Noor
4	<i>Kecemerlangan Inovasi (Sains dan Teknologi)</i>	Ts. Mohammad Abdullah
5	<i>Kecemerlangan Penerbitan Berindeks (Sains Sosial)</i>	Dr. Faridah Najuna Misman
6	<i>Kecemerlangan Penerbitan Berindeks (Sains dan Teknologi)</i>	Ts. Dr. Zakiah Mohd Yusoff
7	<i>Tinta Emas</i>	Dr. Shamsatun Nahar Ahmad
8	<i>Kecemerlangan Jaringan Industri</i>	Program University Startup Challenge (USC)
9	<i>Kecemerlangan Khidmat Masyarakat</i>	IV-STEM@Volunteers STEM

**Table 9.1.2 List Of Research, Industrial Linkages and Alumni (PJI&A) Division Excellence Awards 2021 Recipients**

NO.	AWARD	RECIPIENT
1	<i>Penulis Prolifik Artikel Akhbar</i>	Dr. Nurul Badriyah Ali
2	<i>Penulis Artikel Akhbar Arus Perdana</i>	Qamarul Nazrin Harun
3	<i>Kecemerlangan Penyelidikan (Sains Sosial)</i>	Dr. Mahfuzah Mohammed Zabidi
4	<i>Kecemerlangan Penyelidikan (Sains dan Teknologi)</i>	Dr. Nurkhairany Amyra Mokhtar
5	<i>Penyelidik Harapan</i>	Dr. Nur Syamilah Arifin
6	<i>Kecemerlangan Inovasi (Sains Sosial)</i>	Syamsul Samsudin
7	<i>Kecemerlangan Inovasi (Sains dan Teknologi)</i>	Ts. Mohammad Abdullah



NO.	AWARD	RECIPIENT
8	<i>Kecemerlangan Penerbitan Berindeks (Sains Sosial)</i>	Assoc. Prof. Dr. Noor Hanim Rahmat
9	<i>Kecemerlangan Penerbitan Berindeks (Sains dan Teknologi)</i>	Dr. Basri Badyaliana
10	<i>Tinta Emas</i>	Oswald @ Timothy Edward
11	<i>Kecemerlangan Jaringan Industri</i>	Project Webinar Lecture on the Net
12	<i>Kecemerlangan Khidmat Masyarakat</i>	Special Interest Group (SIG) – <i>Cahaya Kasih</i>
13	<i>Kecemerlangan Keusahawanan</i>	<i>Projek Kolaborasi Keusahawanan Kebun Angkat Penanaman Nanas</i>
14	Publish and Cherish – <i>Penerbitan Terpantas</i>	Ruziah A. Latif
15	Special Interest Group (SIG) <i>Terbaik</i>	Project Teaching On The Go
16	Special Interest Group (SIG) <i>Berpotensi</i>	Project Sulam For INV621
17	<i>Khas Juri</i>	Project Bee Friendz

## 9.2 OUTSTANDING UiTM CJ AWARDS

The following are special awards to mark the achievements by UiTM CJ.

**Table 9.2.1 List Of Outstanding UiTM CJ Award**

NO.	AWARD	ORGANIZER
1	METIC - <i>Tempat Ketiga (Kategori Sumber Dana Terbaik)</i>	Office Of Industry, Community And Alumni Network (ICAN), UiTM



**Figure 9.2.1 METIC - *Tempat Ketiga (Kategori Sumber Dana Terbaik)* Award**

### 9.3 OUTSTANDING INDIVIDUAL AWARDS

The following are recognitions from external organisations to individuals from UiTM CJ who excel in their academic contributions to the organisation.

**Table 9.3.1 List Of Outstanding Individual Awards Recipients**

NO.	AWARD	ORGANISER	RECIPIENT
1	Outstanding Contribution In The Field Of Research	Global Education Summit And Awards (GESA) 2021	Ts. Mohammad Abdullah
2	Asia Pacific Eco Innovator	Environmental Conservation Association Of Malaysia And Environmental Conservation Ranger of Malaysia	Ts. Mohammad Abdullah
3	<i>Alam Sekitar Kebangsaan (PERKAM) – Sang Kancil (Tertinggi Kelas Ketiga)</i>	Environmental Conservation Association Of Malaysia And Environmental Conservation Ranger Of Malaysia	Ts. Mohammad Abdullah
4	Distinguished Academician - No. 1 Women Excellence	Women Icon In Association With Times Women	Suhana Mohamed



**Figure 9.3.1 Outstanding Contribution In The Field Of Research Award**



**Figure 9.3.2 Asia Pacific Eco Innovator Award**



**Figure 9.3.3 Alam Sekitar Kebangsaan (PERKAM) – Sang Kancil (Tertinggi Kelas Ketiga) Award**



**Figure 9.3.4 Distinguished Academician - No. 1 Women Excellence Award**

## 9.4 OUTSTANDING PUBLICATION AWARDS

The following are recognitions from the committee of conferences, seminars or symposiums as a recognition of publications by UiTM CJ.

**Table 9.4.1 List Of Outstanding Publication Awards Authors**

NO.	AWARD	TITLE	CONFERENCE/ SEMINAR/ SYMPOSIUM	AUTHORS
1	Best Paper	Conceptualising Social Enterprise In The Lense Of Islamic Perspective	8th International Conference On Public Policy And Social Science 2021 (ICoPS 2021)	Assoc. Prof. Dr. Saunah Zainon Assoc. Prof. Dr. Soo Kum Yoke Assoc. Prof. Dr. Rahimah Mohamed Yunos Dr. Nurul Huda Md Yatim Ts. Dr. Rashidah Mokhtar Nur Eyllawati Japelus
2	Best Paper	The Effect Of Work-Life Conflict And Monitoring On Female Career Advancement	2nd International Multidisciplinary Conference On Education, Engineering And Social Sciences 2021	Assoc. Prof. Dr. Rahimah Mohamed Yunos Assoc. Prof. Dr. Syahrul Ahmar Ahmad Noreen Noor Abd Aziz Fatimah Hashim Dr. Siti Masnah Saringat
3	<i>Persama – Makalah Ilmiah (Hadiah Sanjungan)</i>	The Exterior Square Of A Bieberbach Group With Quaternion Point Group Of Order Eight	<i>Symposium Kebangsaan Sains Matematik Ke-28 (SKSM 28)</i>	Dr. Siti Afiqah Mohammad Prof. Dr. Nor Haniza Sarmin Hazzirah Izzati Mat Hassim





Figure 9.4.1 Best Paper Award



Figure 9.4.2 Best Paper Award



Figure 9.4.3 Persama – Makalah Ilmiah (Hadiah Sanjungan) Award

## 9.5 OUTSTANDING INVENTION, INNOVATION AND DESIGN AWARDS

The following are special awards from the committee of exhibitions or organisers as a recognition for innovation, invention and design projects developed by UiTM/CJ.



**Table 9.5.1 List Of Outstanding Invention, Innovation And Design Awards Members**

NO.	AWARD	PRODUCT	EXHIBITION/ ORGANISER	MEMBERS
1	Best Micro-Credential (Business And Management)	Introduction To Risk Management	International e-Content Development Competition 2021 (e-ConDev 2021)	Oswald @ Timothy Edward
2	Special Award (Malaysia Green Building Council Jury Award)	Anti-Germs Pen Holder	Penang Invention, Innovation And Research Design 2021 (PIID 2021)	Ahmad Najmie Rusli Nurul Nadiah Rasdi Muhammad Fadil Mustar Adi Nazmi Mohd Naim Nik Mohd Khairuddin Nik Ismail
3	Special Award (Best Design)	Automated Blood Gas Modelling For Ventilated Patients in ICU	Penang Invention, Innovation And Research Design 2021 (PIID 2021)	Dr. Siti Hazurah Indera Putera Norbaiti Sidik Nur Iqiyani Ilham Mashitah Mohd Hussain
4	Special Award (Best Design)	Multipurpose Lifter	Penang Invention, Innovation And Research Design 2021 (PIID 2021)	Muhammad Daniel Bahuddin Hazriel Faizal Pahraraji Muhamad Radzlan Mohammad Radzi Muhammad Ammar Mohd Najib Ameera Allyssha Mohd Khir Juhari
5	Top 10 Best Winners (Category Professional)	Teaching On The Go	4th International Malaysia-Indonesia-Thailand Symposium On Innovation And Creativity 2021 (IMIT SIC 2021)	Nurul Aien Abd Aziz Mohd Hafizan Musa Dr. Noreen Noor Abd Aziz Shaherah Abdul Malik Rusnani Mohamad Khalid

NO.	AWARD	PRODUCT	EXHIBITION/ ORGANISER	MEMBERS
6	Top 10 Best Winners (Category Student)	Four Different Grading Of Agarwood Oil Classification To Performance Of Modelling Based On Multiclass Support Vector Machine	4th International Malaysia-Indonesia-Thailand Symposium On Innovation And Creativity 2021 (IMIT SIC 2021)	Aqib Fawwaz Mohd Amidon Noratikah Zawani Mahabob Ts. Ir. Dr. Nurlaila Ismail Ts. Dr. Zakiah Mohd Yusoff Prof. Ts. Ir. Dr. Mohd Nasir Taib
7	Merit Of Achievement	e-Inductionuni	Virtual Innovation Competition 2021 (VIC21)	Siti Zariikh Sofiah Abu Bakar Dia Widyawati Amat Fairuz Husna Mohd Yusuf Zuraidah Sumery Diana Othman Haniza Sarijari
8	Merit Of Achievement	Averrflos	Virtual Innovation Competition 2021 (VIC21)	Siti Nurul' Ain Zaiton Hairul Amiza Azman Norhafini Hambali Munirah Onn Mohd Haikal Mustafa
9	<i>Tertinggi Pertubuhan Konservasi Alam Malaysia (PERKAM)</i>	New Adsorbent For Heavy Metal Remove: Amidoxime Modified Poly (Acrylonitrile-Grafted-Microcrystalline Cellulose)	Environmental Conservation Association Of Malaysia And Environmental Conservation Ranger Of Malaysia	Ts. Mohammad Abdullah
10	Best Of The Best Award - Science and Technology (Tertiary)	Intelligent Grading Of Agarwood Essential Oil Quality Using Artificial Neural Network (ANN)	4th Digitalised International Invention, Innovation, and Design Johor 2021 (DIID Johor 2021)	Noratikah Zawani Mahabob Ts. Dr. Zakiah Mohd Yusoff Aqib Fawwaz Mohd Amidon Ts. Ir. Dr. Nurlaila Ismail Prof. Ts. Ir. Dr. Mohd Nasir Taib

NO.	AWARD	PRODUCT	EXHIBITION/ ORGANISER	MEMBERS
11	Special Award	Intelligent Grading Of Agarwood Essential Oil Quality Using ANN Model	5th International Innovation, Design and Articulation Competition (i-IDEA 2021)	Ts. Dr. Zakiah Mohd Yusoff Noratikah Zawani Mahabob Ts. Ir. Dr. Nurlaila Ismail Prof. Ts. Ir. Dr. Mohd Nasir Taib
12	Top 5 Award	Engagement Motion: Learning by Sharing	3rd Kelantan International Learning And Innovation Exhibition (KILIEEX 2021)	Jaslin Md Dahlan Mohamad Amin Muqtadir Mohamad Rosli Ezzah Syahirah Johan Marsh Siti Amira Aisyah Azman
13	Top 5 Award (Level Z: Gamification In Teaching And Learning)	Al-Quran And Science Challenge Games	3rd Kelantan International Learning and Innovation Exhibition (KILIEEX 2021)	Rohaya Sulaiman Nurhuda Ismail Siti Fairuz Sujak
14	Special Award (Best In New Norm And Sustainability)	A Framework Of Fuel Subsidy, Fuel Consumption And CO <sub>2</sub> Emissions In The Road Transport Sector	10th International Innovation, Invention And Design Competition (INDES 2021)	Dr. Juliana Mohamed Abdul Kadir Dr. Norashikin Ismail Ts. Dr. Ahmad Razi Ramli Assoc. Prof. Dr. Akmal Aini Othman Assoc. Prof. Dr. Vgr Chandran Govindaraju
15	Best Theme Award	Nam-Nam Germ Protection: Covid 19 Go Away	10th International Innovation, Invention And Design Competition (INDES 2021)	Siti Nor Hafiza Mohd Yusoff Asmawati @ Fatin Najihah Alias Dr. Nur Hazirah Rozali Annuar Dr. Haryana Mohd Hairi Dr. Muhamad Saipul Fakir Dr. Shamsul On





Figure 9.5.1 Best Micro-Credential (Business And Management) Award



Figure 9.5.2 Top 10 Best Winners (Category Professional) Award



Figure 9.5.3 Merit Of Achievement Award



Figure 9.5.4 Merit Of Achievement Award



Figure 9.5.5 Tertinggi Pertubuhan Konservasi Alam Malaysia (PERKAM) Award

## 9.6 OUTSTANDING PRESENTATION AWARDS

The following are special awards from the committee of conferences, seminars or symposiums as a recognition for the presentation of research works by UiTM CJ.

**Table 9.6.1 List Of Outstanding Presentation Awards Authors**

NO.	AWARD	TITLE	CONFERENCE/ SEMINAR/ SYMPOSIUM	AUTHORS
1	Best Oral Presentation	Fuzzy Method On Education And Social Mobility Of Orang Asli Jakun To Leverage Life Quality	International Seminar On Mathematics in Industry 2021 (ISMI2021)	Dr. Shamsatun Nahar Ahmad
2	Best Video Presentation	Assessing Domestic Water Consumption Behaviour Towards Establishing Sustainable Water Resources	8th International Conference On Public Policy And Social Science 2021 (ICoPS 2021)	Assoc. Prof. Dr. Raja Adzrin Raja Ahmad Assoc. Prof. Dr. Saunah Zainon Noor Hidayah Ab Aziz Agung Nur Probahudono Shochrul Rohmatul Ajija
3	Best Presenter Award On Cluster Engineering Technology	Smart Sustainable Water Monitoring System Via Internet of Things (IOT) for Water Retention Pond At UiTM Cawangan Johor, Kampus Pasir Gudang	Virtual Go Green: Conference And Publication	Ts. Dr. Mohamad Farid Misnan



**Figure 9.6.1 Best Oral Presentation Award**



**Figure 9.6.2 Best Video Presentation Award**



## 9.7 OUTSTANDING INDUSTRIAL AND COMMUNITY LINKAGES AWARDS

The following are special awards for excellent contributions to industry and community by UiTM CJ.

**Table 9.7.1 List Of Outstanding Industrial And Community Awards Members**

NO.	AWARD	PROJECT	ORGANIZER	MEMBERS
1	<i>Ikon Siswa Johor 2021 (AISJ21) – Program Pembangunan Pendidikan Dan Kemahiran Terbaik</i>	IV-Stem	<i>Kerajaan Negeri Johor</i>	Ahmad Khudzairi Khalid (Coordinator) Norbaiti Tukiman (Coordinator) Nurul Balqis Nor'rah (Project Manager)
2	<i>Ikon Siswa Johor 2021 (AISJ21) – Program Kesukarelawan Terbaik</i>	Bee Friendz	<i>Kerajaan Negeri Johor</i>	Munirah Onn (Coordinator) Muhammad Rasydan Abd Rashid (Project Manager)



**Figure 9.7.1 Ikon Siswa Johor 2021 (AISJ21) – Program Pembangunan Pendidikan Dan Kemahiran Terbaik Award**



**Figure 9.7.2 Ikon Siswa Johor 2021 (AISJ21) – Program Kesukarelawan Terbaik Award**

## 9.8 OUTSTANDING ENTREPRENEURSHIP AWARDS

The following is a recognition for excellence in entrepreneurship by UiTM CJ.

**Table 9.8.1 List of Outstanding Entrepreneurship Awards Recipients**

NO.	AWARD	ENTREPRENEURIAL	ORGANISER	RECIPIENTS
1	MOHE Entrepreneurial – 2nd Runner Up Best Graduate Enterprise (Category C)	Standard Taste Enterprise	Ministry Of Higher Education	Mohd Haziq Najmi Zailani



**Figure 9.8.1 MOHE Entrepreneurial – 2nd Runner Up For Best Graduate Enterprise (Category C) Award**

## 9.9 PROGRAMS ACHIEVEMENTS

The organisation of programs by PJI&A Division units is to empower the PJI&A Division activities such as research, consultation, writing, innovation, industrial linkages, community linkages, entrepreneurship and alumni at UiTM CJ. The empowerment of these activities has catalysed the procurement of research grants, publication of articles, generation of incomes, development of innovative products, signing of Memorandum of Understanding (MOUs) and Memorandum of Agreement (MOAs), transfer of knowledge from alumni, community services and professionalism. Furthermore, it brings a positive impact in achieving the Key Performance Index (KPI).

**Table 9.9.1 Number Of Programs Organised By PJI&A Division Units**

NO.	UNIT	WEBINAR (NO.)	WORKSHOP (NO.)	OFFICIAL VISIT (NO.)	EXHIBITION / COMPETITION (NO.)	TOTAL (NO.)
1	Research	3	1	0	0	4
2	Consultancy	3	0	0	0	3
3	Innovation	8	2	0	1	11
4	Publication	1	3	0	0	4
5	Industry and Community Linkage	43	10	17	0	70
6	Alumni	7	0	2	0	9
7	MASMED	9	3	3	4	19
<b>TOTAL</b>		<b>74</b>	<b>19</b>	<b>22</b>	<b>5</b>	<b>120</b>

## 9.10 WRITING AND PUBLICATION ACHIEVEMENTS

The PJI&A Division of UiTM CJ is also active in producing bulletins, magazines and journals as a platform to report news of ongoing activities and to encourage UiTM CJ lecturers to write. This effort has succeeded in increasing the number of academic and non-academic publications, especially in the category of 'Other Publications'.



**Table 9.10.1 List Of Writings And Publications Produced By PJI&A Division**

NO.	PUBLICATION	DATE
1	<i>Buletin MASMED Edisi Keempat</i>	April 2021
2	<i>e-Dinamik (Majalah Digital Akademia) Edisi Ketiga</i>	October 2021
3	Insight Journal Volume 3 Issue 1	September 2021
4	Insight Journal Volume 3 Issue 2	September 2021
5	Insight Journal Volume 3 Issue 3	September 2021
6	Paradigma Bulletin Volume 5	May 2021
7	Paradigma Bulletin Volume 6	October 2021



**Figure 9.10.1 Buletin MASMED**



**Figure 9.10.2 Majalah e-Dinamik**



**Figure 9.10.3 Paradigma Bulletin**



**Figure 9.10.4 Insight Journal**

## 9.11 RESEARCH GRANT ACHIEVEMENTS

The following research grant schemes - Bestari Grant (GBEST) and Innovation Grant - are exclusively offered to UiTMCJ researchers to enrich the culture of research activities in the institution. Besides, it also aims to increase the number of high-impact publications, development of innovations and participation of researchers to conferences, seminars or symposiums. The Bestari Grant (GBEST) was initiated in 2018 while the Innovation Grant was introduced in 2021.

**Table 9.11.1 List Of Research Grants**

NO.	GRANT	VALUE (RM)	RECIPIENT (NO.)	TOTAL (RM)
1	Bestari (Gbest) Phase 1	5,000 – 20,000	8	80,000
2	Bestari (Gbest) Phase 2	5,000 – 20,000	11	100,000
3	Bestari (Gbest) Phase 3	5,000 – 20,000	1	20,000
4	Innovation Phase 1	10,000 – 20,000	3	50,000
<b>TOTAL</b>			<b>23</b>	<b>250,000</b>

## 9.12 HUB ACHIEVEMENTS

The opening of the hub is intended to provide opportunities for students to gain experience in entrepreneurship where they can learn about business activities, account and inventory management as well promotions. This hub is supervised by the MASMED unit and acts as a source of income generation for both the students and the institution.

**Table 9.12.1 List Of Hubs**

NO.	HUB	SELL ITEM	LOCATION
1	MASMED Book Store	Stationery, book, used book and snack	Budisiswa Building, Pasir Gudang Campus
2	Khawarizmi Biz Hub	Food and beverage	Khawarizmi Block, Pasir Gudang Campus





**Figure 9.12.1 MASMED Book Store**



**Figure 9.12.2 Khawarizmi Biz Hub**

### 9.13 INCOME GENERATION

In line with Malaysia higher education development plan, income generation has become one of UiTM agendas so that dependence on government financial resources can be reduced. In addition, lead UiTM as a higher education institution which to be more flexible, strong, and sustainable in terms of financial management. Therefore, in support of this agenda, PJI&A Division UiTMCJ has taken several financial generation initiatives based on generation activities from existing sources as prescribed by UiTM.

Apart from the business hubs opening, other initiatives are:

1. Collaboration project
2. Advertising
3. Publication
4. Organizing program

Chilli Fertigation MyAgrosis Collaboration Project is a project management generation activity. Collaboration project between FAMA and UiTMCJ, namely HEP and MASMED. FAMA has funded capital worth RM10,000 in the form of goods such as seeds, fertilizers, tanks and fertigation pipes system. Chilli plantation is on land with a size of 0.5 acre in Segamat campus. In 2021, a total of 198,102 kg of chilies were harvested and sold. Next generation activity is to sell advertising space in the publication pages. Paradigm Bulletin and MASMED Bulletin are two publications that provide sales of this advertising space. The fee for publishing articles in INSIGHT Journal Volume 8 which RM100 per article is also an income generation initiative. A total of 20 articles were published in issues 1, and 9 articles in issues 2 and 3 respectively. Through organizing the academic and technical programs in collaboration with agencies such as the Johor State Government and internal departments such as the Postgraduate unit and MITASA has contributed to the highest income generation. This income is earned through participation fees and sponsorship. Four programs have been organized. The 4th Digitalized International Program, Invention, Innovation and Design Johor 2021 (DIID Johor 2021) is an exhibition for

Invention, Innovation and Design by professionals, academicians and students. Meanwhile, How to Write a Review Paper workshop, webinar on Strategies and Essential Tips for Publishing in a High Impact Journal and the e-Book *Dunia Pendigitalan dalam Pendidikan* Webinar are paid training programs for the enhancement of professionalism. These generation activities have contributed as much as RM40,479.52.

**Table 9.13.1 List Of Generation Income Activities**

NO.	GENERATION ACTIVITIES	INITIATIVE	INCOME GENERATION (RM)
1	Project Management (Collaboration Project)	MyAgrosis Chilli Fertilization	3,578.00
2	Sales (Advertising)	Advertisement In Paradigma Bulletin	450.00
		Advertisement In <i>Buletin MASMED</i>	500.00
3	Other Activities (Publication)	Articles In Insight Journal Volume 3 Issue 1	2,000.00
		Articles In Insight Journal Volume 3 Issue 2	900.00
		Articles In Insight Journal Volume 3 Issue 3	900.00
4	Academic and Technical Training (Organizing Program)	4th Digitalized International, Invention, Innovation and Design Johor 2021 (DIIID Johor 2021)	25,626.52
		How To Write A Review Paper Workshop	5,145.00
		Webinar On Strategies And Essential Tips For Publishing In A High Impact Journal	1,280.00
		e-Book <i>Dunia Pendigitalan Dalam Pendidikan</i> Webinar	100.00
TOTAL			40,479.52





Figure 9.13.1 MyAgrosis Chilli Fertilization



Figure 9.13.2  
Advertisement In  
Paradigma Bulletin

Figure 9.13.3 Advertisement In *Buletin MASMED*





Figure 9.13.4 4th Digitalized International, Invention, Innovation and Design Johor 2021 (DIID Johor 2021)



Figure 9.13.5 How To Write A Review Paper Workshop



Figure 9.13.6 Webinar On Strategies And Essential Tips For Publishing In A High Impact Journal

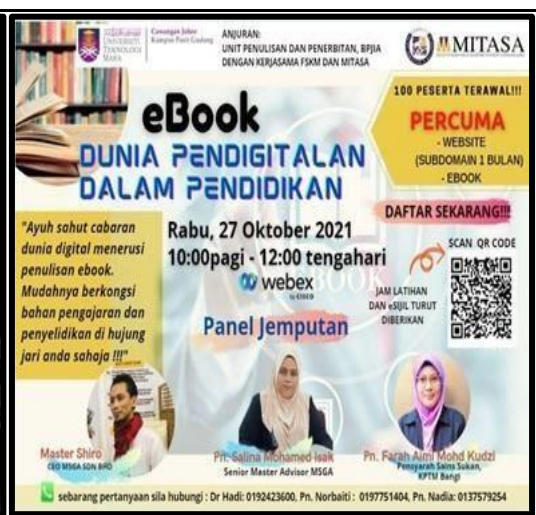


Figure 9.13.7 e-Book Dunia Pendigitalan Dalam Pendidikan Webinar



## 9.14 SOCIAL RESPONSIBILITY ACHIEVEMENTS

Various social responsibility programs have been organized. However, the main program is the *Tabung Alumni Prihatin RM5*. The crowdfunding fund concept which aims to provide opportunities for UiTM alumni to contribute to the learning development and provision of incentives to eligible UiTM students. Currently, the priority of financing assistance through this fund is given for those affected by the Covid-19 pandemic.



**TABUNG ALUMNI PRIHATIN RM5** #alumniuitmprihatin  
'Kelangsungan Pengajian Mahasiswa'

Tabung RM5 Alumni UiTM telah diperkenalkan oleh Pusat Jaringan Alumni (ANC), Pejabat Jaringan Industri, Komuniti dan Alumni (ICAN), UiTM pada bulan Julai 2021. Ianya merupakan tabung inisiatif berbentuk *crowdfunding* yang memberi peluang kepada seluruh Alumni UiTM dalam membantu pelajar yang terkesan dengan pandemik Covid-19.

**"PADA SETIAP KESUKARAN PASTI ADA KEMUDAHAN"**

**OBJEKTIF PROJEK**

Memberi peluang kepada alumni UiTM menyumbang kepada pembangunan pembelajaran pelajar-pelajar UiTM

Membantu menampung pemberian insentif kepada para pelajar UiTM :

- Pembelian komputer riba bagi pelajar B40 yang memerlukan.
- Bantuan pembayaran yuran pengajian serta kolej bagi pelajar B40 berkeperluan.
- Bantuan kecemasan pelajar yang memerlukan
- Kos sara hidup pelajar B40 berkeperluan
- Lain - lain bantuan yang difikirkan bersesuaian

IMBAS KOD DAN PAUTAN SUMBANGAN :

<https://uitmpay.uitm.edu.my/giving/products/AA02/02/265>

Projek Tabung Alumni Prihatin RM5 'Kelangsungan Pengajian Mahasiswa' #alumniUITMprihatin Tahun 2021 UiTM Cawangan Johor Kampus Pasir Gudang.

Figure 9.14.1 *Tabung Alumni Prihatin RM5*





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