

ABDUL RAUF ABDUL RASAM (Ts, Gs, Dr)

Coordinator, Department of Strategic Partnership, UiTM Global
Coordinator, Innovation and Commercialization, CBE
Senior Lecturer and Researcher, CBE

Centre of Studies for Surveying Science and Geomatics
College of Built Environment (CBE)
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Environmental and Social Health **Research Interest Group**
Health and Wellbeing Excellence Entities, UiTM

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Areas of Expertise

GIS Cartography, Spatial Modelling and Visualisation, Geospatial and Geomatics Innovation, Social and Health Mapping System, Spatial Epidemiology

WoS (Publons):

<https://www.webofscience.com/wos/author/record/2015810>
<https://publons.com/researcher/3686478/abdul-rauf-abdul-rasam/>
WoS ResearcherID (ORCID) <https://orcid.org/0000-0001-8096-0260>

Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=39661147700>

Google Scholar:

<https://scholar.google.com.my/citations?user=dMMgRD9RarYC&hl=en>

Researchgate:

https://www.researchgate.net/profile/Abdul_Rauf_Abdul_Rasam

UiTM Expert:

<https://expert.uitm.edu.my/profile.php?id=ldOS2hH1nZ0XjfhG0PrdOAPQn3fobp1xh106n5TUqKc=>

FSPU:

<https://fspu.uitm.edu.my/index.php/corporate/directory/25-surveying-science-geomatics-shah-alam/251-abdul-rauf-abdul-rasam-sr-dr>

Prime UiTM:

<https://prisma.uitm.edu.my/prisma/?doit=DirectoryStafByIdDetail&staffid=Vmtaa2QyRnRValpXVkJaT1IYcHNSbFV4VWs1TIZUbFNVRIF3UFE9PQ&dsff=Vmtaa2QyRnRValpXVkJaT1IYcHNSbFV4VWs1TIZUbFNVRIF3UFE9PQ>

Personal Information

Ts Gs Dr Abdul Rauf bin Abdul Rasam (270827)
Centre of Studies for Surveying Science and Geomatics,
Faculty of Architecture, Planning and Surveying,
40450 Universiti Teknologi MARA, Shah Alam, Selangor Malaysia.

Academic Qualifications

PhD in GIS (Geospatial Modelling and Geovisualisation), 2018, University of Science (USM) Malaysia
MSc in Built Environment (Research-GIS & Remote Sensing in Spatial Epidemiology), 2011, UiTM
BSc in Surveying Science and Geomatics (Honours), 2006 UiTM Malaysia
Diploma in Geomatic Science (GIS), 2003, UiTM Malaysia

Professional Members

1. Royal Institution of Surveyors Malaysia (RISM), Member, 2011-2014
2. IEEE, Geoscience and Remote Sensing & Advanced Computer, Member, 2011-2013
3. The Institution of Geospatial and Remote Sensing Malaysia (IGRSM), Main Committee, 2020-Present
4. The International Journal of Geo-Information (ISPRS), Member, 2020-Present
5. Malaysia Board of Technologists (MBOT)- Member, Graduated Technologist-2020
6. Malaysia Board of Technologists (MBOT)- Member, Professional Technologist-2021-Present

Teaching and Learning

1. Master, 2021-Present, Geospatial Analysis and Modelling, Lecture and Laboratory
2. Master, 2017-2018, Environmental GIS, Laboratory
3. Master, 2018, Geovisualisation, Laboratory
4. Degree, 2022-Present, Geospatial Innovation and Creativity
5. Degree, 2019-2020, Dissertation II, Coordinator (Lecture & Tutorial)
6. Degree, 2019-2020, Dissertation I, Coordinator (Lecture & Tutorial)
7. Degree, 2017-Present, Advanced Cartography, Lecture & Laboratory
8. Degree, 2021-Present, Innovative Cartography, Lecture & Laboratory
9. Degree, GLS 613- GIS 1 (2019)
10. Degree, SUG510 – Cartography (2011,2012)
11. Degree, SUG 554-GIS II (2010, 2011)
12. Degree, SUG556-Remote Sensing (2010)
13. Degree, SUG558-Advanced Engineering Surveying (2014)
14. Degree, SUG458-Engineering Surveying (2011)
15. Degree, SUG112-Cadastral Surveying (2010)
16. Degree, SUG113-Engineering Surveying (2010)
17. Degree, SUR 594- Remote Sensing (2010, 2012, 2013)
18. Degree, SUR343/ SUR328-Remote Sensing (2010)
19. Degree, PMG557-GIS in Park and Amenity Management (2013, 2014)
20. Degree, AAR 563- Engineering Surveying (2013)
21. Degree, PMG557-GIS in Park & Amenity Management (2011, 2012, 2013)
20. Degree, TRP418-GIS (2011, 2012)
21. Degree, ARK493-Land Surveying (2011, 2012, 2013, 2014)
22. Degree, BCM423-Land Surveying (2012)
23. Degree, MGT (Management)- 2018
24. Others

Student Supervision (Postgraduate)

1. Saiful Anuar bin Jaafar@Ibrahim, PhD, Main-Sv (On-Going)
2. Mohd Badrul Hafiz bin Che Omar, PhD, Main-Sv (On-Going)
3. Edzrie Shah bin Shaharudin, PhD, Co-Sv (On-Going)
4. Ramlan Abdullah, PhD, Co-Sv (On-Going)
5. Muhammad Jamaluddin bin Bazlan, MSc by Research, Co-Sv (Graduated)
6. Muhammad Naim Bin Ramli, MSc by Research, Main SV (On-Going)
7. Ilham Bin Abdul Jalil, MSc by Research, Main Sv (On-Going)
8. Noraqila Aiman binti Abu, MSc By Research, Main Sv (On-Going)
9. Azirah Hazwani binti Ahmad Daud, MSc By Research, Co- Sv (Graduated)
10. Muhamad Naim bin Ramli, MSc By Research, Main Sv (On-Going)
11. Noor Adielia binti Abdul Wahab, (MSc in GIS), Sv (Graduated)
12. Siti Rohana Fazlina bt Kamarul Hisham, (MSc in GIS), Sv (Graduated)
13. Nurul Nabihan bt Dzulkifli (MSc in GIS), Main Sv (Graduated)
14. Mohamad Naim (MSc in GIS), Main Sv (Graduated)
15. Nur Nadia Natasha binti Mohd Zaini (MSc in GIS), Main Sv (Graduated)
16. M. Ridzuan Sapek (MSc in GIS), Main Sv (On-Going)
17. Noramira binti Monir (MSc in GIS), Main Sv (On-Going)
18. Rohafiza binti Md Darus (MSc in GIS), Main Sv (Graduated)
19. Nur Syaidatul Syuhada binti Ahmad Zuki (MSc in GIS), Main Sv (Graduated)
20. Mohd Faiz Bin Sharil (MSc in GIS), Main Sv (Graduated) –
Spatial Analysis of Commercial Area Distribution: A plot ration study in Subang Jaya
21. Norazlin Bt Pamuji (MSc in GIS), Main Sv (Graduated) –
GIS Application for COVID19 Hazard Map and Dashboard in Selangor
22. Ahmad Farid Bin Ab Aziz (MSc in GIS), Main Sv (On-Going)
Development of GIS-AR System for high rise building in Shah Alam –A Comparative Analysis
23. Al.hajri Bashayar (MSc in GIS), Main Sv (On-Going) –
GIS Analysis for Road Accidents Hotspots & Pattern in Muscat, Oman
24. Muhammad Zikri bin Md Husin (MSc in GIS), Main Sv (On-Going)-
Development of a GIS-Based System to Monitor Pipeline Construction Projects in Kelantan
25. Nor Alia Syahira binti Saleh (MSc in GIS), Main Sv (On-Going) –
Tsunami Risk Assessment Using Geographical Information System (GIS)-Based Multi Criteria Decision Techniques in Pulau Pinang Mainland
26. Nurdiyana Natasha Binti Ramlan (MSc in GIS), Main Sv (On-Going)
Spatial ARIMA Model of COVID-19 Cases and Vaccination Status in Peninsular Malaysia

(Undergraduate)

1. Zal Aidi Bin Che Idrus - Jogging Route Map in Shah Alam (2022)
2. Serene Anak Joseph Goyang - E-Explore@Sri Aman Sarawak (2022)
3. Muhammad Ameerul Hakim Bin Mohd Amin - Enhancing Utilizing Mapping Design Using Cartographic Approach (2022)
4. Siti Nur Athirah Binti Nazarni - Mapping and analysis the fire cases Pattern in Malaysia (2022)

5. Nur Nathasya Binti Mat Foad - Mapping And Analysis Of The Students Living Cost In Uitm Shah Alam (2022)
6. Aienul Atieqah Amierah Binti Sabaruddin – Comparative analysis of Base Map Open Source Capabilities for Thematic Mapping Production (2022)
7. Alice Iping Anak Dressa -Mapping and analysis the divorce issues in Selangor (2022)
8. Masdiyana Hurin Binti Mohd Yusof - Spatial Analysis of COVID 19 cases in Seksyen 7 Shah Alam (2022)
9. Engku Muhammad Izharuddin Bin Engku Mohd Ridzuan - A Cartographic Evaluation of A COVID -19 Map Design Effectiveness Using ArcGIS Pro and Adobe Creative Cloud (2022)
10. Nur Aqilah Binti Sanidi (Co-Sv)- Spatio-Temporal Analysis Of Dengue Cases In Petaling, Selangor (2022)
11. Nurul Aisyah Binti Zaisham (Co-Sv)- Crime Hospot Analysis On Non-Resident Students Of Uitm Shah Alam Using Gis Technique (2022)
12. Muhammad Amirul Shauqi Bin Mohamad Rafi (Co-SV) - Spatial Mapping And Analysis Of Deforestation Hotspot In Pahang Using Remote Sensing Technique (2022)
13. Siti Nurdiyana Binti Ishak (Co-SV) - Spatial Analysis On Public Transportation Influence On Foreigner-Based For Covid-19 In Kuala Lumpur (2022)
14. Abdul Wafi Bin Hilmin (Co-SV) - Application Of Lidar For Landslide Risk Assessment In Hulu Langat, Selangor
15. Ahmad Zikri Bin Md Isa (Co-SV) - Designing An Awareness Map Of Children Abduction In Shah Alam, Selangor (2022)
16. Megat Hafiy Bin Noor Hasnizam (Co-SV) -vehicle Theft Mapping And Analysis In Klang Valley Using Social Media Data (2022)
17. Ahmad Aiman Bin Ridzwan (Co-Sv) - Mapping Of Terrorist Attack Hotspot In Sabah Using Cartographic Approach (2022)
18. Nurul Iffah Binti Mustapha - Mapping Cycling Pathways and Route effectiveness Using GIS and Cartography in Shah Alam (2022)
19. Syed Mohammad Asyraf Bin Syed Mohammad Anuar – Spatial Assessment of Sick Building Syndrome at CBE, UiTM Shah Alam (2022)
20. Erica Benya Anak Billy - Creation Of Jogging Route Map Using GIS And Cartography In Miri, Sarawak. (2021)
21. Intan Maisarah Binti Hashim- Cultural Heritage Mapping in Selangor Using Crowdsourcing and Cartography Approach (2021)
22. Nurezni Binti Suhaimi - Estimation of Shoreline and Land Cover Changes in Terengganu Using Digital Shoreline Analysis System (DSAS) (2021)
23. Siti Normaisara Binti Abdul Halim - Urban Poverty Mapping in Selangor Using High Resolution Satellite Imagery and Machine Learning Approaches (2021)
24. Nur Nazira Binti Musa - The Spatial Analysis of Covid-19 Movement Control Order (MCO) On Air Quality Pattern in Malaysia , 2019-2020 (2021)
25. Nurul Aqilah Binti Mohd Som - Impact of Coastal Flood on Land Use/Land Cover for The Past 10 Years in Terengganu Using GIS And Remote Sensing Technique (2021)
26. Harith Najmi Bin Abd Rashid - Landslide Susceptibility Mapping and Assessment Using GIS-Based Statistical Models: A Comparative Study in Ampang and Kota Kinabalu (2021)
27. Nur Syuhadah Binti Mohammad (Co-Sv) - Mapping and spatial pattern analysis of covid-19 in Malaysia using GIS application (2021)
28. Dorisin Binti Mardie (Co-Sv) - GIS-Based Route Planning during Landslide from Pitas to Ranau, Sabah (2021)

29. Sherrylyn Schinie Anak Jilong (Co-Sv) -Development of Web Mapping System For Tourism Attractive Places In Bintulu, Sarawak (2021)
30. Fedeline Lowenda Anak Roginal (Co-Sv) - Application of Mobile Augmented Reality (MAR) for Urban Heritage Tourism in Sarawak (2021)
31. Vera Taileh (Co-Sv) - Path Analysis for Alternative Safe Route Access During Flood in Kota Marudu to Kota Kinabalu, Sabah
32. Faizatul Natrah Binti Abdul Rahim A Comparative Study Of Cartography Open Source Software For Creating Thematic Maps (2021)
33. Izza Fatimi Binti Izman - Spatial Assessment of Lifestyle Risk Factors of High Tuberculosis Transmission in Shah Alam (2021)
34. Ahmad Farid Bin Ab Aziz -Development of An Augmented Reality 3D GIS Map of UiTM Shah Alam using Open sources (2021)
35. Muhammad Harizzul Ikmal Bin Roslan -Spatial Impact Of Urban Land Use Changes On TuberculosisCases In Shah Alam (2021)
36. Muhammad Affin Bin Rosmadi- Mining Social Media Data For Detecting and Tracking TB Disease Outbreaks (2020)
37. Nor Aliaa Binti Mohamad Halim- Community service mapping system for PWD in UiTM Shah Alam (2020)
38. Mohd Nafiq-Real Time maping of Covid-19 Pandemics (2020)
39. Fazira-The effect of human mobility on the COVID-19 epidemic in Malaysia (2020)
40. Intan Noor Aifatika Bt Norfildaos - Studentcare.Apps: A Geomobile Application For Student Counselling Services In Uitm Shah Alam (2020)
41. Muhammad Faezwan Bin Omar- Electronic Health (E-Health) Map Atlas In Selangor (2020)
42. Farah Ilyana Bt Hairuddin- Integration Of Augmented Reality And 3D Visualization For Strata Management Scheme (2020)
43. Muhahammad Najmuddin Bin Mohd Izra'- Volume Estimation Of 3D Quarry Area Changes Using Arcgis, Pix4d And Agisoft (2020)
44. Nur Najiha binti Abd Aziz- Spatial Analysis of Dynamic Mobile Network Signal Strength In Uitm ShahAlam (2020)
45. Sakinah Anisah Khairulannuar- Multimedia Web-Based Mapping System for Volunteer Programme In Malaysia (2020)
46. Nur Syaidatul Syuhada Binti Ahmad Zuki- Geo-Enabling the Disease Monitoring System In A Rural Community Using Arcgis Platforms (2020)
47. Wan Nur Syahirah Bt Jumali - Site Suitability of Blood Cockle Farming Using Gis And Fuzzy Mcdm Approach (2020)
48. Syazwani Binti Ab Razak- Mapping Dengue Risk In Selangor Using Crowdsourcing And OpenGeospatial Data (2020)
49. Nurzalina Idayu (Co-Sv) -Mobile Apps for food hunting based on crowdsourcing data (2020)
50. Nurshuhada Aniza (Co-Sv) -Spatial Analysis of TB Cases in Kuala Lumpur (2020)
51. Muhammed Aiman Haffiz Bin Mohamad-Development of Spatial Liveable City Index in Shah Alam Selangor (2019).
52. Nur Auni Suraya Binti A. Rahim - Qr Code Supported GIS Web-Based System For Facility DamageReport In Fspu, Uitm (2019)
53. Baqir Bin Abdul Basir-An Assessment Of Free Software For Web-Based Multimedia Cartography (2019)
54. Nor Fatiha Binti Mohammad Rosdi-Spatial Variation Of Urban Air Pollution Variables In Shah Alam (2019)
55. Muhammad Ashrul Bin Mohd Zubir - Mapping Potential Areas Of Wind Farm In Selangor Using GisMcdm Techniques (2019)

56. Nur Aimie Binti Ridzuan - Spatial Effects Of Lifestyle Factors On Airborne Diseases In Shah Alam, Selangor (2019)
57. Ahmad Fakhrolidham Bin Zakaria - Spatial Correlation Between Tuberculosis Cases And Environmental Risk Factors Using GIS And Remote Sensing Techniques (2019)
58. Daniel Bin Abdul Halim- Development Of An E-Smart Learning System Of Cartography (2019)
59. Mohammad Safwan Bin Mohammad Sabli - Creative Maps: A Comparative Analysis Of Map Creation Using ArcGIS Desktop And Adobe Creative Cloud (2019)
60. Athanasius Anak Sumping- Mapping And Spatial Analysis Of Immigrant Population Pattern In Shah Alam
61. Nazrin Bin Jiro- Exploring Free And Open Cartographic Data Sources For Automatic Tourism Map Generation (2019)
62. Noramira Binti Monir - Evaluation Of Geocoding Tools And Methods For Disease Mapping (2019)
63. Nurin Syarafina Binti Mohd Hasmizi (Co-Sv) - Geoweb-Based System And Geomobile Application Of Mosques Discoveries In Kuala Lumpur (2019)
64. Nurul Aien Binti Mohd Azam (Co-Sv) - Spatial Analysis Of Oil Palm Changes Using Different Classification Techniques (2019)
65. Muhammad Najwan Bin Kamarulzaman (Co-Sv) - Design And Development Of Geomobile Apps For Determining Qiblat Direction In Malaysia (2019)
66. Nur Hidayati Binti Mohd Ramli (Co-Sv) - Gis Web-Based System And Mobile Application For Hiking Exploration In Selangor (2019)
67. Norfitriah Syazwani Binti Said (Co-Sv) - Analysing Of Urbanization On Spatial Dynamic Of Lst In Selangor
68. Amar Johan Haq Bin Fazil (Co-Sv) - GIS Service Area Analysis For Time Taken By Emergency Response Team Along Lrt3 Track (2019)
69. Norsyuhada Binti Azlan (Co-Sv) - The Impact Of Urbanization On Forest Degradation In Selangor Using Different Remote Sensing Techniques (2019)
70. Nurazreen Binti Nordin (Co-Sv) - Spatial Analysis Of Urban Growth In Selangor (2019)

Publications

(2022)

1. MAM Zubir, SA Jaafar, **ARA Rasam**, ZM Yusoff, IC Hashim (2022), Identifying The Optimal Placement Of Spatial Wind Energy Farms In Selangor, Malaysia, Planning Malaysia, **{Scopus Journal}**
2. ZM Yusoff, IS Aziz, N Naharudin, **ARA Rasam**, OHL Ling (2022), Mobility And Proximity Coefficient to High-Traffic Volume In Daily School Operations, Planning Malaysia, **{Scopus Journal}**
3. SFA Sanusi, FA Shafie, SRM Yatim, **AR Abdul Rasam**, TL Kek, OLH Leh (2022), The Association of Urban Lifestyle With Respiratory Illness in Petaling District, Selangor, Malaysia, Malaysian Journal of Medicine and Health Sciences 18 (SUPP8), 132-141 **{Scopus Journal}**
4. Saiful, **ARA Rasam**, AA Mohamad (2022), Smart Hardcopy Mapping Products Practices in University Records Management Program: The Ideal Criteria and Procedures for UiTM Library Archive, Global Business & Management Research 14 (1) **{ERA Journal}**
5. **ARA Rasam**, SN Fazli, FA Shafie, J Abdullah, MH Ghazali (2022), COVID-19 Pandemic in Urban Environment and Household Population: An Exploratory Spatial Risk Analysis in Selangor, Malaysia, International Journal of Real Estate Studies 16 (S1), 1-15 **{MyCite Journal}**

6. NNNM Zaini, **ARA Rasam**, CB Ahmad (2022), Socio-Economic Characteristics of Urban Tuberculosis Areas in Petaling, Selangor: A Current Spatial Exploratory Scenario, IOP Conference Series: Earth and Environmental Science 1067 (1), 012041 **{Scopus Proceeding}**
7. CB Ahmad, J Abdullah, R Idris, **ARA Rasam**, AA Mustapha, T Kavzoglu (2022), Spatial Land Use and Land Cover (LULC) Changes for A Sustainable Biodiversity Conservation: Factors for Potential Implementation of Buffer Zone for FRIM Natural Heritage Site, IOP Conference Series: Earth and Environmental Science 1067 (1), 012015 **{Scopus Proceeding}**
8. NM Saraf, MF Lokman, **ARA Rasam**, N Hashim (2022), Assessment of urban growth changes in Klang District using Support Vector Machine by different kernel, IOP Conference Series: Earth and Environmental Science 1051 (1), 012023 **{Scopus Proceeding}**

(2021)

9. Monir, N., **Abdul Rasam, A.**, Ghazali, R., Suhandri, H., & Cahyono, A. (2021). Address Geocoding Services in Geospatial-based Epidemiological Analysis: A Comparative Reliability for Domestic Disease Mapping. *International Journal of Geoinformatics*, 17(5), 156–166. **{Scopus Journal}**
10. Wan HairRidzuan, N., **Abdul Rasam, A.**, Isa, M., & Shafie, F. (2021). Spatial Interaction between Lifestyles and Tuberculosis: An Expert and Public Participatory GIS in Malaysia. *International Journal of Geoinformatics*, 17(5), 178–192i **{Scopus Journal}**
11. Wan Mahsin1, **Abdul Rauf Abdul Rasam1***, Noraain Mohamed Saraf1 and Nafisah Khalid1 (2021). Free and open GIS source software for spatial epidemiology and geospatial health in Malaysia: a comparative analysis of the software usability, *International Journal of Advanced Technology and Engineering Exploration*, Vol 8(78). <http://dx.doi.org/10.19101/IJATEE.2020.762192>. **{Scopus Journal}**
12. **Abdul Rauf Abdul Rasam1, 2***, Nur Syaidatul Syuhada Ahmad Zuki1, Nurhafiza Md Saad1 and Rosmadi Ghazali1 (2021). Geospatial infrastructure solutions for local government sectors: geo-enabling infectious disease monitoring system in state health departments. *International Journal of Advanced Technology and Engineering Exploration*, Vol8 (78). <http://dx.doi.org/10.19101/IJATEE.2020.762193> **{Scopus Journal}**
13. Muhammad Affin Rosmadi1, **Abdul Rauf Abdul Rasam1**, Hafiszah Ismail2 Mohamad Sufian Hasim3, Faridah Muhamad Halil4, Rosmadi Ghazali1 (2021). Mobile Health Applications and Disease Hotspot Tracking System: A Proposed Spatial Assessment Tool for Tuberculosis Contact Tracing In Malaysia. *Turkish Journal of Physiotherapy and Rehabilitation*; 32(2). **{WoS & Scopus Journal}**
14. Mohd Badrul Hafiz Che Omar, Rufaizal Che Mamat, **Abdul Rauf Abdul Rasam**, Azuin Ramli and Abd Manan Samad (2021). Artificial intelligence application for predicting slope stability on soft ground: a comparative study. *International Journal of Advanced Technology and Engineering Exploration*, Vol 8(75). 362-370. DOI:10.19101/IJATEE.2020.762139 **{Scopus Journal}**
15. **Rasam, A. R. A.**, Khairulannuar, S. A., & Nawir, R. M. (2021). An Innovative Humanitarian Activities Mapping in Malaysia. *International Journal of Academic Research in Business and Social Sciences*, 11(6), 1293–1306. **{ERA Journal}**
16. Julit, H., Khalid, N., **Rasam, A.R.A.**, Razali, M.H. and Halim, M.A. (2021). Spatial-Temporal Analysis of Air Pollutant Concentrations in Relation to Land Use and School Environment. *Alinteri Journal of Agriculture Sciences*, 36(1): 568-582. doi: 10.47059/alinteri/V36I1/AJAS21080 **{WoS Journal}**
17. Ilham and **Rasam, A. R. A** (2021) Disease Risk Mapping Of Tuberculosis Hotspots In Klang: Where And Why The Areas Can Be At High Risk Of Infection? *Malaysian Journal of Remote Sensing & GIS*, 64 **{MyCite/MyJournal}**

18. Nizron & **Rasam, A. R. A** (2021) Free Online Cartographic Tools For Automatic Map Generation: An Exploratory Study On Tourists Geovisualization - Malaysian Journal of Remote Sensing & GIS, 52 **{MyCite/MyJurnal}**
19. Norahfiza & **Rasam, A. R. A** (2021) Correspondence Between Drug Addict Mapping And Crime Activities Distribution-Malaysian Journal of Remote Sensing & **GIS {MyCite/MyJurnal}**
20. A Sumping and **A R Abdul Rasam** and N A Adnan and N Md Saad. (2021). Mapping Immigrant Populations: A GIS-Based Public Perception Exploratory Analysis. IOP Conf. Ser.: Earth Environ. Sci. 620 012018. <https://doi.org/10.1088/1755-1315/620/1/012018> **{Scopus Proceeding}**
21. NA Adnan, RMA Idzdihar, FA Mohd, **ARA Rasam**, ES Mokhtar (2021) Geospatial Analysis of Coastline Erosion Along Pulau Tuba, Langkawi. IOP Conference Series: Earth and Environmental Science 620 (1), 012017**{Scopus Proceeding}**
22. SN Bohari, AU Amran, NAM Zaki, MS Suhaimi, **ARA Rasam** (2021). Accuracy Assessment of Detecting Cracks on Concrete Wall at Different Distances using Unmanned Autonomous Vehicle (UAV) Images. IOP Conference Series: Earth and Environmental Science 620 (1), 012005**{Scopus Proceeding}**
23. N Saad, NA Bahari, N Talib, NAM Zaki, **ARA Rasam** (2021) Landslide Hazard Analysis using Landsat-8 OLI and AHP Technique in Tanjung Bungah, Penang IOP Conference Series: Earth and Environmental Science 767 (1), 012023 **{Scopus Proceeding}**
24. JCM Zaini, NM Saraf, N Naharudin, **ARA Rasam**, N Hashim (2021) Identifying Suitable Areas for Plantation of Organic Products Using GIS and AHP IOP Conference Series: Earth and Environmental Science 767 (1), 012009] **{Scopus Proceeding}**
25. R Ghazali, MH Razali, MNA Ghani, **ARA Rasam** (2021) Evaluating the Distance Impact to the Scanning Topographic Object with the 3D Point Cloud Resolution IOP Conference Series: Earth and Environmental Science 767 (1), 012030**{Scopus Proceeding}**
26. A Arifin, NA Adnan, **ARA Rasam** (2021) Multi-sensor Assessment of Geological Lineament Detection IOP Conference Series: Earth and Environmental Science 767 (1), 012014] **{Scopus Proceeding}**
27. SN Sha'aban, **ARA Rasam**, A Asmat (2021) A 3D GIS mapping for landscape geovisualisation and park management: A case study in Kuala Keniam Station, Taman Negara Malaysia IOP Conference Series: Earth and Environmental Science 685 (1), 012010 **{Scopus Proceeding}**

(2020)

28. **Abdul Rauf Abdul Rasam**, Noresah Mohd Shariff, Jiloris F. Dony,2020, Geographical Information System And Geostatistical Modelling Approach For Spatial Risk Assessment Of Tuberculosis Dynamics, Test Engineering and Management, 82 (January-February 2020):**{Scopus Journal}**
29. Muhammad Jamaluddin Bazlan, **Abdul Rauf Abdul Rasam**, Rosmadi Ghazali, 2020, Web-Based Augmented Reality Mobile GIS for Disease Prevention and Control Programme, Test Engineering and Management, ,82 (January-February 2020):12018 -12028**{Scopus Journal}**
30. **Abdul Rauf Abdul Rasam**, Noresah Mohd Shariff, Jiloris F. Dony, Dasimah Bt Haji Omar,2019 (published in May 2020), Sociospatial Risk Assessment Of Human-environment- Tuberculosis Interactions In Rural-urban Settings, Malaysian Construction Research Journal (MCRJ), MCRJ Special Issue, 8 (3), 177 -187. **{Scopus Elsevier Journal}**
31. Alamah Misni; Nur Munira Razmi; Puziah Ahmad; Siti Mazwin Kamaruddin; **Abdul Rauf Abdul Rasam**; Rohaniah Mohd Nor (2020). Applying low carbon landscapes at the Premier Polytechnic of Sultan Salahuddin Abdul Aziz Shah, Shah Alam, Malaysia. International Journal of Environment and Sustainable Development (IJESD), Vol. 19, No. 3, DOI: 10.1504/IJESD.2020.108160 **{Scopus Journal}**

32. **Abdul Rasam , A. R. .** , Mohd Shariff , N. ., Dony , J. ., & Ling , O. H. L. (2020). Local Spatial Knowledgefor Eliciting Risk Factors and Disease Mapping of Tuberculosis Epidemics. Environment-Behaviour Proceedings Journal, 5(SI2), 45-51. <https://doi.org/10.21834/ebpj.v5iSI2.2522> {**WoS Proceedings Journal**}
33. **Abdul Rasam, A. R. .** , Mohd Shariff, N. ., & Dony, J. (2020). The Invention of Geospatial Decision Support System for Malaysian Tuberculosis Surveillance Data Management. Environment-Behaviour Proceedings Journal, 5(SI3), 269-274. <https://doi.org/10.21834/ebpj.v5iSI3.2564> {**WoS Proceedings Journal**}
34. Mohamad Sufian Hasim, Ahmad Sharim Abdullah, **Abdul Rauf Abdul Rasam**, Hafiszah Ismail (2020), Environment-Behaviour Proceedings Journal, Asian Journal of Behavioural Studies, 5 (18), Tp://Dx.Doi.Org/10.21834/Ajbes.V5i18.188 {**Journal**}
35. Mohamad Sufian Hasim, Ahmad Sharim Abdullah, **Abdul Rauf Abdul Rasam**, Hafiszah Ismail (2020), The Adoption of Sustainable Facilities Management Practices in Organisations: A study of Malaysian universities, Environment-Behaviour Proceedings Journal, 5 (13), pp 299-305. {**WoS Proceedings Journal**}
36. **Abdul Rauf Abdul Rasam**, Azri Haziq Azlin, Ahmad Norhisyam Idris, Noraqila Aiman Abu, Nurmilah Romeyu,2019, Mobile Gis Applications For People With Disabilities Healthcare Services (aplikasi Mudah Alih Sistem Maklumat Geografi Bagi Penjagaan Kesihatan Orang Kurang Upaya),Jurnal Inovasi Malaysia (JURIM) ,0,0,1-14 {**MyCite Journal**}
37. E-Mosque Tourism: Discovering Mosques via Geodigital Mapping in Kuala Lumpur, Malaysia, NSM Hasmizi,**ARA Rasam**, NM Saraf (2020). Charting the Sustainable Future of ASEAN in Science (**Springer Chapter in Book, Scopus**)
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Research Grants and Contracts

(Active 2020/21)

1. Development of Automatic Map Vectorization System for Digital Topographic Map Database and Archive, **Abdul Rauf Bin Abdul Rasam** Jul 2022-Jun3 2023, Geran Iniasitif Penyeliaan (GIP)
2. Neurourbanism Planning Model Of Bidirectional Associations Between Urban Physical Environment And Mental Disorders (1) Dr. Marlyana Azyyati Binti Marzukhi (2) Profesor Madya Dr Azlina Wati Binti Nikmat, **Dr. Abdul Rauf Bin Abdul Rasam**, Profesor Madya Dr Oliver Ling Hoon Leh, Dasimah Bt Haji Omar, Muhammad Farid Azizul, (3) 2019 - 2022 (4) **Fundamental Research Grant Scheme (FRGS) (5) Project Member (6)**
3. Multiple Visibility Network Model for Smart and Safe Society. Profesor Madya Dr Zaharah Binti Mohd Yusoff
(2) Profesor Dr Zulkiflee Bin Abd Latif, **Dr. Abdul Rauf Bin Abdul Rasam**, Dr. Ainon Nisa Binti Othman,
(3) 2019 - 2022 (4) **Fundamental Research Grant Scheme (FRGS) (5) Project Member(6)**
4. Pemodelan Operasi Prosedur Piawai Ramalan Kestabilan Cerun Berpendekatan Kepintaran Buatan Rangkaian Neural Dan Sistem Inferens Neuro-logik Adaptif (1) Profesor Dr Abd Manan Bin Samad (2) **Dr. Abdul Rauf Bin Abdul Rasam**, Rufaizal Bin Che Mamat, Azuin Binti Ramli, (3) 2019 - 2021 (4) **Fundamental Research Grant Scheme (FRGS) (5) Project Member (6)**

5. Spatial Association of Urban Lifestyle with Respiratory Infection In Petaling District, Selangor. (1) Dr. Farah Ayuni Binti Sahafea @ Shafie (2) Siti Rohana Binti Mohd Yatim, Dr. Farah Ayuni Binti Sahafea @ Shafie, Profesor Madya Dr Oliver Ling Hoon Leh, **Dr. Abdul Rauf Bin Abdul Rasam**, Profesor Dr Teh Lay Kek, (3) 2020 - 2022 (4) **Dana Duacs (DANA DUCS) (5) Project Member (6)**
6. Mengesan Kearifan Tradisi Di Desa Melalui Pemetaan Budaya Untuk Pelancongan Warisan, **Dr. Abdul Rauf Bin Abdul Rasam (Member), FRGS**
7. Investigating Airborne Diseases Dynamic In Sabah Towards Public Health Awareness Using Geospatial Big Data System(1) **Dr. Abdul Rauf Bin Abdul Rasam** (2) Profesor Madya Dr Oliver Ling Hoon Leh, Profesor Madya Dr Arnis Binti Asmat, Sr. Noraain Binti Mohamed Saraf, (3) 2018 - 2020 (4) Lestari **(LESTARI) (5) Principal Investigator (6)**
8. Spatial Knowledge Mapping For Tuberculosis Control Tool Among The Remote Communities In Sabah And Selangor (1) Profesor Madya Dr Rosmadi Bin Ghazali (2) Profesor Madya Dr Oliver Ling Hoon Leh, **Dr. Abdul Rauf Bin Abdul Rasam**, Dasimah Bt Haji Omar, Dr Frederick Dony, (3) 2018 - 2020 (4) **Bestari (BESTARI) (5) Project Member (6)**
9. Development of Community Online Mapping System for Accessibility And Treatment Of People With Disabilities In Ampang. Ahmad Norhisyam Bin Idris (2) **Dr. Abdul Rauf Bin Abdul Rasam**, (3) 2018 - 2021 (4) **Lestari (LESTARI) (5) Project Member (6)**
10. A Geoepidemic Model Of Human Lifestyle Interaction In Tuberculosis Risk Transmission **(1) Dr. AbdulRauf Bin Abdul Rasam** (2) Profesor Dr Abd Manan Bin Samad, Profesor Madya Dr Zaharah Binti MohdYusoff, Dr. Farah Ayuni Binti Sahafea @ Shafie, (3) 2019 - 2021 (4) **Fundamental Research Grant Scheme (FRGS) (5) Principal Investigator (6)**

(Completed)

1. Constructing A Geospatial Framework For Health Malaysian Problem And Decision Making(mygeohealth Framework) (1) **Dr. Abdul Rauf Bin Abdul Rasam** (2) Profesor Madya Dr Juazer RizalB Abdul Hamid, Profesor Madya Dr Rosmadi Bin Ghazali, Profesor Madya Dr Zaharah Binti MohdYusoff, (3) 2011 - 2013 (4) Exploratory Research Grant Scheme (ERGS) (5) Principal Investigator (6) RM 50,000.00
2. Using Geographical Information Systems to Visualize Potential Public Library Outlets in Shah Alam, Selangor (1) Ahmad Nadzri Bin Mohamad (2) **Dr. Abdul Rauf Bin Abdul Rasam**, Profesor Ts. Dr. Mohamad Noorman Bin Masrek, (3) 2012 - 2014 (4) Research Intensive Faculty Grant (RIF) (5) Project Member (6) RM 12,443.33
3. Virtual Uitm Campus Of Shah Alam; An Interactive 3d Gis Model(1) Dr. Mimi Zaleha Binti Abdul Ghani (1) **Dr. Abdul Rauf Bin Abdul Rasam**, (3) 2012 - 2014 (4) Research Intensive Faculty Grant (RIF) (5) Project Member (6) RM 10,341.90
4. Transportation Affordability Of Lower-income Earner Using Collaborative Geospatial Techniques In Southwest Region Peninsular Malaysia (1) Profesor Madya Dr Zaharah Binti Mohd Yusoff (2) Kamaluddin B Hj Talib, Dasimah Bt Haji Omar, Profesor Madya Dr Nor Aizam Binti Adnan, **Dr. Abdul Rauf Bin Abdul Rasam**, (3) 2012 - 2014 (4) Esciencefund (eScienceFund) (5) Project Member (6) RM 91,300.00
5. Design And Development Of Geographic-based Malaria Information System (geomis) 1) Profesor Madya Dr Rosmadi Bin Ghazali (2) **Dr. Abdul Rauf Bin Abdul Rasam**, (3) 2012 - 2014 (4) Research Intensive Faculty Grant (RIF) (5) Project Member (6) RM 19,851.17
6. Reforming Health Care Facilities in Kuala Lumpur Using Geospatial and Town Planning Approaches. Mohd Khalid Bin Mohd Omar (2) **Dr. Abdul Rauf Bin Abdul Rasam**, (3) 2012 - 2014 (4) Research Intensive Faculty Grant (RIF) (5) Project Member (6) RM 11,672.90

7. Systematic Habitat Conservation For Hornbill Species At Royal Belum Rainforest (1) Dr. Alamah Binti Misni (2) **Dr. Abdul Rauf Bin Abdul Rasam**, (3) 2012 - 2014 (4) Research Intensive Faculty Grant (RIF) (5) Project Member (6) RM 5,805.00
8. Spatial Environmental And Social Health Research Group (1) Profesor Dr Jamalunlaili Bin Abdullah Profesor Madya Dr Oliver Ling Hoon Leh, Dr. Siti Mazwin Binti Kamaruddin, Lar. Noralizawati Binti Mohamed, Profesor Madya Dr Sh. Zannierah Binti Syed Marzuki, **Dr. Abdul Rauf Bin Abdul Rasam**, Dr. Marlyana Azyyati Binti Marzukhi, Ir. Dr. Kwong Qi Jie, (3) 2015 - 2018 (4) Research Entity Initiative (REI) (5) Project Member (6)

Consultation & Expertise

(2020/2021/2022)

1. External Panel for MSc Academic Program (GIS) - Panel Penasihat Luar (Akademik) Program Ijazah Sarjana Sains Maklumat Geografi (GIS), Fakulti Alam Bina, Ukur dan Hartanah Kolej Universiti Geomatika, Malaysia
2. Subject-Matter Expert - Pakar Bidang Khusus (Kartografi Dan Gis) – Bengkel Kajian Keperluan Membangunkan Portal MyGeoHub, 2022, Pusat Geospatial Negara (PGN) Kementerian Tenaga dan Sumber Asli (KeTSA) Malaysia
3. Invited Speaker/Visiting Industrial Lecturer – Politeknik Kuching Sarawak (2022)
4. Jury - Virtual Asia Innovation Show (VAIS) 2022
5. Jury - & AJK Pertandingan Sambutan Program Hari TIBI Sedunia JKN Selangor KKM (2022)
6. Facilitator for CBE Postgraduate Thesis Writing Workshop (November 2022)
7. Invited Speakers and Facilitator for Conference poster Design and Writing Workshop “Lets start from sketch” for UiTM Assistant Registrar (September and December 2022)
8. DRP Examiner for SUG Students (BSc SUG CBE, Julai 2022)
9. DRP Examiner for 15 SUG Students (BSc SUG CBE, December 2022)
10. DRP Examiner for Master in GIS Students (May 2022)
11. DRP Examiner for Master in GIS Students (April 2022)
12. Internal Viva Voce Examiner for BSc in SUG (8 July 2022)
13. Jury - the 3rd Invention, Innovation And Technology Competition (ITEC 2021)
14. Jury - Penang International Invention, Innovation and Design (PIID 2021)
15. Jury at the 3rd Invention, Innovation And Technology Competition (ITeC 2021)
16. Facilitator /Member -KIK FSPU 2021
17. Jury - The 9th International Innovation, Invention & Design Competition (INDES2020)
18. Jury - the International Sciences, Technology & Engineering Conference (ISTEC): Advanced Geospatial and Surveying (AGeoS) 2020
19. Jury - Majlis Anugerah Kecemerlangan FSPU (MAKEF) 2019
20. Advisor- Innovation Team of Jabatan Kesihatan Negeri Selangor (Unit TB)-2016-2019
21. DRP Examiner (Master by Research – Title: Public Participation GIS in Krau Wildlife Reserve (2020)
22. DRP Examiner (Master by Research – Title: Spatial Visualization Using Virtual Reality For Experiential Learning)
23. DRP Examiner (Master by Research – Title: Climate Change Map (2021)
24. Internal Viva Voce Examiner (MSc in GIS) – 13 Students
25. Viva Voce Examiner (PPSUG Undergraduate Dissertation)- 9 Students
26. Article Paper Reviewer – Title: Augmented Reality (AR) for Promoting Public Participation in Urban

- Planning: A Pilot Study - 5th International Invention, Innovation and Articulation (i-IDEA™ 2020) The Advanced Geospatial & Surveying Conference (AGeoS) 2020
- Article Paper Reviewer – Title: The Extraction of Shoreline Erosion at Kuala Terengganu Using High Spatial Resolution Image - 5th International Invention, Innovation and Articulation (i-IDEA™ 2020) The Advanced Geospatial & Surveying Conference (AGeoS) 2020
27. Article Paper Reviewer – Title: A Discussion On Methodologies In Identifying The Maintenance Criteria Of Green Roof In High-Rise Buildings -C4020- Virtual Go-Green: Conference And Publication (V-Gogreen 2020)
28. Article Paper Reviewer – Title: Informal Settlement Model Using Geo spatial Approach: International Conference on Research Methodology in Built Environment and Engineering (ICIRMBEE) 2019
29. Article Paper Reviewer – Title: Ecosystem health assessment based on PSR framework using RS/GIS: the International Conference on Geomatics and Geospatial Technology (GGT) 2021.
30. Article Paper Reviewer – Title 3D STRATA VISUALIZATION IN WEB ENVIRONMENT – A REVIEW: the International Conference on Geomatics and Geospatial Technology (GGT) 2021.
31. Article Paper Reviewer – Title: Exploring School Accessibility of Students with Special Needs using Spatial Visualization: the International Conference on Geomatics and Geospatial Technology (GGT) 2021.
32. Article Paper Reviewer – Title: Effective Monitoring and Analysis of The Covid-19 Pandemic For The National Security Council And Malaysian Armed Force Through The Defence Geospatial Information Management Application: the International Conference on Geomatics and Geospatial Technology (GGT) 2021.
33. Speaker- Bengkel UKK FSPU- 2019
34. Others

Innovation, Commercialization & Entrepreneurial (2020)

BIL	IP CODE	IP TYPE	TITLE
1	CR001879	Copyright	My 3D Strata AR: An Intelligent Multi-Purpose Strata System Towards Smart Cities Enablement in Malaysia
2	CR001968	Copyright	MyStudentCare@Covid19MCO.Apps: A Student Counselling Services Apps During Covid-19 Movement Control order
3	CR002171	Copyright	MyVolunteerMapper: An Online Volunteer Mapping System for Helping Vulnerable Communities in Malaysia
4	CR002172	Copyright	E-Health Atlas: An Electronic Atlas of Healthcare and Disease Epidemiology Mapping
5	CR002174	Copyright	CartoEdu Portal: A Cartography Integrated E-Learning Materials System In UiTM

Services & Administration

1. Coordinator for Department of Strategic Partnership UiTM Global, April 2021-Present
2. Coordinator for Innovation and Commercialization, College of Built Environment, UiTM (2022-Present)
3. Program Director and Manager for Strategic Action Plan (SAP FSPU 2022) Media and visibility, UiTM Global and Publication-2022
4. Deputy Director of the National Geomatic / Geoinformatic Students Innovation Competition (NGGSIC), RISM & UiTM (2022)
5. Program Director for FSPU Strategic Action Plan (FSPU Media and Visibility -4 main projects)
6. Project Manager for FSPU Strategic Action Plan (UiTM Global-Globe)
7. Main Committee for FSPU Strategic Action Plan (FSPU Media Engagement and Visibility)
8. Main Committee for FSPU Strategic Action Plan (FSPU Recording and Promotion)
9. Main Committee of Kelesterian/SDG FSPU (2022)
10. Leader for AKNC FSPU Team 2022 Report (Outcome for Criteria 7)
11. Academic Advisor (PA) , PPSUG 2022
12. Committee for Strategic Action Plan (SAP) P&I (RMC) di PPSUG
13. Coordinator for PPSUG Corporate Unit –FSPU (2022)
14. Coordinator for PPSUG Innovation Unit –FSPU (2022)
15. Coordinator for PPSUG Research/Publication Unit –FSPU (2022)
16. Coordinator for PPSUG Global Unit –FSPU (2022)
17. Main Committee for PPSUG Strategic Action Plan (2022)
18. Resource Person for 2 BSc subjects (Innovative Cartography and Geospatial Innovation and Creativity)
19. Fellow for UiTM Global Strategic Partnership, Jan-2020-April 2021
20. Head of Website Unit FSPU, 2020-Feb 2021
21. Head of Communication Corporate Unit, FSPU, 2018-June 2020
22. Facilitator of STEM UiTM- 2017-2018
23. Personal Incharge for UiTM Digital Global (2021)
24. Secretariat for DSP UiTM Roadshow and meeting Discussion
25. Secretariat for UiTM MoU/MoA Signing Ceremony for Top300Global Universities handle by DSP UiTMGlobal
26. UiTM Research Track (2019 –present)
27. Committee for FSPU Strategic Action Plan, 2021-2025
28. Advisor for Communication and Corporate Unit of FSPU (2021-Present)
29. Committee of Unit Kualiti FSPU
30. Committee of MAKEF 2018, 2019, 2020, 2014. Pengurus Projek FSPU Vame
31. Lecturer In charge for BEURC 2020 16. Secretariat for SEABERC Pioneers FSPU
32. Committee- Majlis Anugerah Kecemerlangan FSPU (MAKEF) 2019
33. Coordinator - PPSUG-FSPU-Koordinator Penyediaan/Penerbitan
34. PPSUG-FSPU-Pengurus Makmal Kartografi
35. Committee- Syllabus Reviews for Master in GIS-FSPU UiTM
36. Committee- Program Diploma Technology Spatial-UiTM Perak
37. Committee- Program Baru Sarjana Muda Teknologi Spatial-UiTM Perlis
38. Committee - LAWATAN PEMERIKSA LUAR KE PPSUG-Online
39. Others

Work & Collaboration Experiences

1. Graphic and 3D Map Designer, Shah Alam, 2006
2. Land Surveyor, Sabah, 2007
3. Research Assistance at the Institute of Medical Research (IMR), Malaysia, 2008 (Scope-GIS Health)
4. Senior Lecturer and Researcher at UiTM, 2009 (Part time), 2010-Present (Full time)
5. GIS-based System Development for Unit Perkhidmatan OKU UiTM (2019)
6. GIS-based System Development for Unit TB/Kusta, JKN Selangor (2018-2019)
7. Hardcopy Topographic Maps management System in PTAR, UiTM Shah Alam (2019-Present)
8. Others

Awards & Recognitions (2022)

1. 1st First place and 1 Gold Medal at National Geomatics/Geoinformatics Student Innovation Competition 2022 (10th NGGSIC), 2 & 3 November 2022, Shah Alam -Malaysia Heat Wave: Surviving the Hot Weather In 2021 (Creative Map_Bac. Degree) (Sv)
2. 1 Best Presenter, 2nd First place and 1 Silver Medal at the National Geomatics/Geoinformatics Student Innovation Competition 2022 (10th NGGSIC), 2 & 3 November 2022, Shah Alam - The Mystery Behind Asean's High Suicide Rate (Nggsic 2022-Creative Map-Degree) (Sv)
3. 1 Silver Medal at USIM e-INOVASI (INOVAS 22), USIM 2022 – Stop Suicide Info Kits (Sv)
4. 1 Bronze Medal at USIM e-INOVASI (INOVAS 22), USIM 2022 – MyHeatWave Mapper (Sv)
5. Best Presenter at ICONBEE 2022 (Sv)
6. Overall Winner (UiTM) for AKNC Award UiTM, INQKA, 2022 (RM 14000.00) (Main Author/Committee)
7. Overall Winner (Faculty) for AKNC Award UiTM, INQKA, 2022 (RM 7000.00) (Main Author/Committee)
8. Best Presenter for AKNC Award UiTM, INQKA, 2022 (RM 1500.00) (Main Author/Committee)
9. Overall Winner (PnP) for AKNC Award UiTM, INQKA, 2022 (RM 1500.00) (Main Author/Committee)
10. Overall Winner (Process Category) for AKNC Award UiTM, INQKA, 2022 (RM 1500.00) (Main Author/Committee)

(2021)

- 11.1 Gold Medal and 2 Silver medals at The 6th International Built Environment Undergraduate Research Competition (BEURC 2021), UM
12. Best Presenter at the International Building Control Conference (IBCC 2021) UM
13. Silver Medal at Crystal IDEA Online Distance Innovation Competition, UiTM Perlis 2021
14. IAKNC UiTM (3 Awards) as a Committee / Report Writers
15. Silver medal at eCondave UiTM2021-MOOC of Getting to know Land Title
16. Upgrading RIG to RG; Environmental and Social Health RG UiTM
17. Winner for the Innovation and Commercialisation Award in Majlis Anugerah Kecemerlangan FSPU (MAKEF), 2021
18. Winner for the Innovation Award in Majlis Anugerah Kecemerlangan FSPU (MAKEF), 2021 Winner for the Best Researcher Award in Majlis Anugerah Kecemerlangan FSPU (MAKEF), 2021

(2020)

19. UiTM Top 10 Promising Researcher, 2020
20. Outstanding Researcher Award at the International Conference on Recent Advances in Engineering, Computing and Applied Sciences (RAECASS, 2020)
21. Best Paper Award at the International Conference on Recent Advances in Engineering, Computing and Applied Sciences (RAECASS, 2020)
22. Silver Medal - IIDEX 2020 Invention, Innovation & Design Exposition UiTM
23. Bronze Medal - IIDEX 2020 Invention, Innovation & Design Exposition UiTM
24. Gold Medal - The 9th International Innovation, Invention & Design Competition (INDES2020)
- 25.2 Silver Medal - University of Malaya - The 5th International Built Environment Undergraduate Research Competition (BEURC)
26. and 1 Bronze Medal - University of Malaya - The 5th International Built Environment Undergraduate Research Competition (BEURC)
- 27.1 Silver Medal - International Innovation, Invention & Design COMPETITION 2020 (ICON)
- 28.1 Special Award (Top 5 Innovation) – IIMOS - International Information Management Online Showcase 2020
- 29.1 Gold Medal – IIMOS - International Information Management Online Showcase 2020
- 30.1 Gold Medal – International Sciences, Technology and Engineering Conference (ISTEC 2020): Advanced Geospatial and Surveying, (AGeoS) 2020
- 31.1 Bronze Medal - The International Virtual Educational Invention, Innovation, and Design Competition 2020 (iVEDIIC2020)
32. The Best Writers Award – Majlis Kecemerlangan Fakulti, FSPU (MAAF 2019) - Hold in 2020
33. The Best Product Innovation and Commercialization Award – Majlis Kecemerlangan Fakulti, FSPU (MAAF 2019), Hold in 2020
34. Most Innovative Medal Award Recipients – Majlis Kecemerlangan Fakulti, FSPU (MAAF 2019), Hold in 2020

(2018-2019)

35. Diamond Award - Invention Innovation and Design Exhibition (IIDEX) UiTM 2019
- 36.2 Gold Medals - Invention Innovation and Design Exhibition (IIDEX) UiTM 2019
37. Best Paper Overall - 3rd International Language & Tourism Conference 2019, UIA Johor (Supervisor)
38. 1st Runner Up winner (Best paper) - 3rd International Language & Tourism Conference 2019, UIA Johor (supervisor)
- 39.1 Silver medal - Innovation Competition UM, PRIN-KAB 2019, UKM
- 40.3 Bronze Medals - Innovation Competition UM, PRIN-KAB 2019, UKM
41. Overall Winner for KKM Health Innovation Competition 2019 (MOSCO)
42. Best Booth (Popular) at Ekspo Selangkah UiTM 2019 (Team member)
43. Graduate of Time (GoT) Award for PhD, USM.
44. Excellent PhD Thesis Award, USM
45. External Recognition Award, USM
46. 2nd Place for Outstanding Contributor to the FSPU Achievement at FSPU Excellence Award Ceremony 2018 (Student Supervisor Category)

47. 3rd Place for Outstanding Contributor to the FSPU Achievement at FSPU Excellence Award Ceremony 2018 (Staff Category)
48. 1 Gold Medal- National e-Content Development Competition (Econdave2018) di Dewan SriBudiman UiTM Shah Alam. 2018
49. 2 Gold Medals- ISSCIC 2018 – International Social Science Conference & Innovation Competition, 2nd and 13th July 2018, MMU Melaka
50. 1 Silver Medal- International Research Innovation, Invention & Solution Exposition (IRIISE) 31 July, 2018, Faculty Of Built Environment University Malaya
51. Best Poster Presenter (Supervisor)- International Conference on Built Environment and Engineering 2018 (ICONBEE), Johor 23 Oct 2018
52. First Place (Product-As team member) Anugerah Inovasi the Ministry of Health Innovation Award (KKM 2018)
53. First Place-(Supervisor) Multimedia Video Competition National Geospatial Information Symposium, NGIS 2018
54. Second Place- (Supervisor) Multimedia Video Competition National Geospatial Information Symposium, NGIS
55. Third Place-(Supervisor) Multimedia Video Competition National Geospatial Information Symposium, NGIS
56. Most FB Like Award- (Supervisor) Multimedia Video Competition National Geospatial Information Symposium, NGIS

Contribution to Society

1. TB CSR Activities September 2019, Collaborations between USM, JKNS Selangor and UiTM PPSUG
2. Design and Development of E-OKU for UPKO UiTM 2020 (Free consultancy)
3. Design and Development of Topography Mapping for PTAR 2020 (Free consultancy)
4. Design and Development of Mobile Apps for Jabatan Kesihatan Negeri Selangor (Unit TB), 2020 (Free consultancy)

Other Activities (2021/2022)

1. Committee of UiTM Global in UiTM Selangkah ke UiTM @ IVITY Conve Centre, Shah Alam, 2022 (Jun 2022)
2. Invited /Selected Participant - Pioneering Research Leaders Program UiTM, 29 - 30 NOVEMBER 2021
3. Committee – FSPU Strategic Action Planning Workshop, 2021-2025, 24-25 November 2021.
4. Committee and Paper Presenter- 5TH International Conference on Research Methodology For Built Environment and Engineering (ICRMBEE 2021)
5. Presenter- Virtual Go Green: Conference & Publication, UiTM Perak 2021
6. Invited Speaker- International Research Network Nigeria Webinar "Combating Infectious Disease with Cartography and GIS:"
7. Presenter 2 papers - International Conference Geospatial Asia-Europe 2021 GeoAdvances 2021
8. Presenter 2 papers - The International Building Control Conference (IBCC) 2021
9. Participant for 3 products (Sv) - The 6th International Built Environment Undergraduate Research Competition (BEURC) 2021

(2020)

10. Chairman Session- 10th IGRSM International Conference and Exhibition on Geospatial & Remote Sensing (IGRSM 2020)
11. Presenter- 2020 3rd International Conference on Recent Advances in Engineering, Computing and Applied Sciences (RAECAS2020)
12. Presenter- 2020 IEEE International Conference on System Engineering and Technology (ICSET2020)
13. Presenter- 7th International Conference on Science and Social Research (CSSR2020) 13. Presenter- Health GIS 2020
14. Presenter- International Information Management Online Showcase (Iimos) 2020
15. Presenter- International Sciences, Technology & Engineering Conference (Istec): Advanced Geospatial And Surveying (AGeoS) 2020
16. Presenter- The 9th International Martial Arts & Combat Sports Scientific Society (IMACSSS) Conference And 2nd Global Scientific Martial Arts And Cultural Congress (GSMACC) 2020
17. Virtual Poster Presenter- BEURC 2020- ONE FREE AND OPEN GIS (OneFOSGIS) SOURCE PLATFORM FOR HEALTH AND BUILT ENVIRONMENT APPLICATIONS
18. Virtual Poster Presenter -BEURC 2020- Air movement conditions and carbon dioxide concentration levels in an open-plan office
19. Virtual Poster Presenter-ICON UiTM 2020- Visual comfort analysis of a lecture room