PROF. MADYA CHM. DR. ROZIDAINI BINTI MOHD GHAZI (00266A)
PENSYARAH UNIVERSITI (TETAP)
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A. PERSONAL DETAILS

UMK JOIN DATE	02-Nov-2008
DATE OF APPOINTMENT FOR CURRENT POSITION	27-Aug-2014
DATE OF CONFIRMATION FOR CURRENT POSITION	22-Aug-2017
EDUCATION(S)	• **(2014) UNIVERSITI TEKNOLOGI MALAYSIA** IJAZAH DOKTOR FALSAFAH KIMIA • **(2008) Universiti Teknologi Malaysia** IJAZAH SARJANA Kimia Kimia • **(2007) UNIVERSITI TEKNOLOGI MALAYSIA** IJAZAH SARJANA MUDA SAINS KIMIA INDUSTRI • **(2003) Maktab Rendah Sains MARA Kuala Krai** SPM
GROUP OF EXPERTISE	
AWARD(S)	• Award Name: **Anugerah Perkhidmatan Cemerlang (APC) tahun 2020 (2021)** Awarded by: Universiti Malaysia Kelantan • Award Name: **Anugerah Jasa Universiti Tahun 2018 (2019)** Awarded by: Universiti Malaysia Kelantan • Award Name: **Anugerah Gemilang UMK Tahun 2016- (Penyelidikan dan Inovasi Harapan) (2017)** Awarded by: Universiti Malaysia Kelantan • Award Name: **Anugerah Perkhidmatan Cemerlang 2015 (2016)** Awarded by: Universiti Malaysia Kelantan • Award Name: **Anugerah Gemilang UMK Tahun 2014 (2015)** Awarded by: Universiti Malaysia Kelantan
WORKING EXPERIENCE(S)	
PROFESSIONAL MEMBERSHIP(S)	• INSITUT KIMIA MALAYSIA | MEMBER | NATIONAL 30-Jan-2026 - 30-Jan-2027 • INSITUT KIMIA MALAYSIA | MEMBER | NATIONAL 10-Jan-2024 - 10-Jan-2025

B. TEACHING-LEARNING ACTIVITIES

	• BFT1044 - GENERAL CHEMISTRY • BNT2123 - RESOURCES AND SOIL ECOSYSTEM • BPT2093 - SOIL SCIENCE • EFT1263 - CHEMISTRY IN APPLIED SCIENCE • EFT2143 - RESEARCH METHODOLOGY AND SCIENTIFIC WRITING • EFT4082 - STUDENT IN ENTERPRISE PROGRAMME • EGT2052 - GEOCHEMISTRY • EKE2203 - ENVIRONMENTAL INSTRUMENTATION AND ANALYSIS

COURSES TAUGHT	• EKE43503 - ENVIRONMENTAL REMEDIATION TECHNOLOGY • EKT2043 - EDUCATION FOR SUSTAINABLE DEVELOPMENT • EKT3113 - REMEDIATION TECHNOLOGY • EKT3123 - RESEARCH PROJECT I • EKT4133 - RESEARCH PROJECT II • EKT4178 - INDUSTRIAL TRAINING • FFT1043 - PRINCIPLE OF CHEMISTRY • MPT00103 - CHEMISTRY

C. RESEARCH AND DEVELOPMENT

JOURNAL(S)	1. Prajapati, C., Saini, L.S., Gaur, A., Kumar, P., Uddin, J., Rozidaini Mohd Ghazi. (2026-12). GC¿MS characterization and in-silico evaluation of TNF-¿ binding efficacy of leaf extract from Abies spectabilis (D. Don) Spach. Scientific Reports , Vol. 16(1) , pp. 1-15. https://doi.org/10.1038/s41598-025-33563-w 2. Rozidaini Mohd Ghazi, Nik Raihan Nik Yusoff, Musfiroh Jani, Ikarastika Rahayu Abdul Wahab, Asanah Radhi, Mahani Yusoff, Noor Azlina Ibrahim, Kumar P., Ji H., Hasmoni S.H., Zakaria Z.A.. (2026-12). Bionanotechnological-Assisted Removal of Emerging Pollutants in Pharmaceutical Effluent Discharges. Current Pollution Reports , Vol. 12(1) . https://doi.org/10.1007/s40726-026-00404-x 3. Lotfi M., Niazi A., Liu Y.-H., Shahin-kaleybar B., Shariatzadeh M., Aram F., Fazeli-Nasab B., Parray J.A., Li W.J., Sharma A., Kumar P., Rozidaini Mohd Ghazi. (2026-12). Boosting lactoferrin yields in Nicotiana tabacum via HC-Pro co-agroinfiltration. BMC Plant Biology , Vol. 26 (1) . https://doi.org/10.1186/s12870-026-08465-2 4. Rashid, B, Malik, MA, Padder, SA, Parray, JA, Bashir, Z, Sharma, A, Singh, S, Kumar, P, Ghazi, R.M. (2026-04). Bacterial consortium optimization for improved biological degradation of agricultural waste. 3 Biotech , Vol. 16(4) , pp. 1-20. https://doi.org/10.1007/s13205-026-04742-x 5. Niraj Singh, Yong-Hong Liu, Dipayan Das, Nowsheen Shameem, Javid A. Parray, Wen Jun Li, Apurva Sharma, Snigdha Singh, Pankaj Kumar, Rozidaini Mohd Ghazi. (2025-12-10). Nano-enabled strategies for plant stress management and sustainable crop production: A review. , Vol. 117 (6) , pp. 1-33. https://doi.org/10.1002/agj2.70230 6. Siti Munirah Abd Wahib, Rozidaini Mohd Ghazi, Asanah Radhi, Mahani Yusoff, Nik Raihan Nik Yusoff. (2025-12). Box-Behnken Experimental Design for the Removal of Chemical Oxygen Demand in Food Processing Wastewater by Hybrid Titania-based Composite. Environmental Quality Management , Vol. 35(2) . https://doi.org/10.1002/tqem.70247 7. Ghazi, R.M, Yusoff, N.R.N., Halim, N.S.A., Wahab, I.R.A., Ab Latif, N, Hasmoni, SH, Zaini, MAA, Zakaria, ZA. (2023). Health effects of herbicides and its current removal strategies. Bioengineered , Vol. 14(1) . https://doi.org/10.1080/21655979.2023.2259526 8. Lee Shi Qing, Ghazi, R.M, Muhammad M.. (2021-12). POTENTIAL OF Epipremnum aureum IN REDUCTION OF CHEMICAL OXYGEN DEMAND IN WASTEWATER. Malaysian Journal of Analytical Sciences , Vol. 25 (6) , pp. 977-986. 9. Ahmad W. A., Latif N. A., Zaidel D. N. A., Ghazi, R.M, Terada A., Aguilar C. N., Zakaria Z. A.. (2021-12). Microbial Biotransformation and Biomineralization of Organic-Rich Waste. Current Pollution Reports , Vol. 7(4) , pp. 435 - 447. https://doi.org/10.1007/s40726-021-00205-4 10. Thani N.S.M., Ghazi, R.M, Wahab I.R.A., Amin M.F.M., Hamzah, Z, Nik Yusoff, N.R.. (2020-09). Optimization of Phytoremediation of Nickel by Alocasia puber Using Response Surface Methodology. Water , Vol. 12 . https://doi.org/10.3390/w12102707 11. Rak A.E., Nasir S.N.A.M., Nor M.M., Han D.K., Appalasamy, S., Abdullah F., Ghazi, R.M. (2020-07-01). Proximate analysis and fatty acid of Corbicula fluminea (C. fluminea) tissue in Kelantan, Malaysia. Environmental Science and Pollution Research , Vol. 27(20) , pp. 24772-24785. https://doi.org/10.1007/s11356-020-07923-0 12. Rak, A.E., Nasir, S.N.A.M., Nor, M.M., Han, D.K., Appalasamy, S., Abdullah, F., Ghazi, R.M.. (2020-07). Proximate analysis and fatty acid of Corbicula fluminea (C. fluminea) tissue in Kelantan, Malaysia. Environmental Science and Pollution Research , Vol. 27(20) , pp. 24772-24785. https://doi.org/10.1007/s11356-020-07923-0 13. Yusoff, N.R.N., Shamsuddin, M.S., Alias, M.Z.M., Ghazi, R.M., Idris, N.S.U. (2020). Removal of al(III) and cu(II) from textile wastewater using activated carbon prepared from rubberwood sawdust and kenaf core fiber. Malaysian Journal of Microscopy , Vol. 16 (2) , pp. 101-111.
	1. Musfiroh Jani, Nurul Shafiqah Abdul Hamid, Rozidaini Mohd Ghazi, Nik Raihan Nik Yusoff, Nor Sayzwani Sukri. (2024-12). Assessment of Microplastic Contamination in Soil at Tok Bali Wetland, Pasir Puteh, Kelantan. , pp. 150 - 155. Pasir Puteh Land and District Office, 16800 Pasir Puteh, Kelantan Darul Naim. 2. Nik Raihan Nik Yusoff, Nor Sayzwani Sukri, MUSFIROH JANI, Mohamad Rohanif Mohamed Ali, Nur Izzati Salleh, Nurul Shafiqah Abdul Hamid, Rozidaini Mohd Ghazi. (2024-12). Heavy Metal Assessment in Soil at Tok Bali Wetland, Pasir Puteh, Kelantan. , pp. 131-136. Pasir Puteh Land and District Office, 16800 Pasir Puteh, Kelantan Darul Naim. 3. Fatin Azahara Mohamad Zaidi, Rozidaini Mohd Ghazi. (2024-10-15). Impact of Dumpsite Leachate Contamination on Surface Water at Beris Lalang Dumpsite, Kelantan. . EDP Sciences. https://doi.org/10.1051/bioconf/202413105003 4. Nik Raihan Nik Yusoff, Mazlan, S.N., Rozidaini Mohd Ghazi, Musfiroh Jani, Nik Nurul Anis Nik Yusoff. (2024). Photocatalytic degradation of glyphosate using TiO2/Al2O3 using Box-Behnken Design. In BIO Web of Conferences , pp. 05002. EDP Sciences. https://doi.org/10.1051/bioconf/202413105002 5. Nik Raihan Nik Yusoff, Aisyah Zahirah Roslee, Rozidaini Mohd Ghazi, Musfiroh Jani, Nik Nurul Anis Nik Yusoff. (2023). Photocatalytic degradation of glyphosate using TiO2/Al2O3/CNT. In BIO Web of Conferences . https://doi.org/10.1051/bioconf/20237305025 6. Asanah Radhi, Fadhilahanim Aryani Abdullah, Nur Amiera Zaidi, Rozidaini Mohd Ghazi, Nik Raihan Nik Yusoff, Ikarastika Rahayu Abdul Wahab. (2023). Herb-Based Products and Entrepreneurship During the COVID-19 Crisis: A Systematic Literature Review and Research Agenda. In InCEBT: International Conference on Entrepreneurship, Business and Technology , pp. 427¿434. Springer Singapore. https://doi.org/10.1007/978-981-99-2337-3_37

PROCEEDING(S)	7. Jamaluddin, S. S., Ghazi, R.M, Yusoff, N.R.N., Yusoff, S. F. M.. (2023). Adsorption of Cu2+ Ions using Rubber-Based Hydrogel. In BIO Web of Conferences , pp. 1-6. EDP Sciences. https://doi.org/10.1051/bioconf/20237305003 8. Nik Yusoff, N.R., Layli, N N Mohd, Ghazi, R.M, Jani, M., Yusuf, N.N.A.N.. (2022). Foxtail Palm Fruits as Potential Activated Carbon for Metamifop Removal. In IOP Conference Series: Earth and Environmental Science . Institute of Physics. https://doi.org/10.1088/1755-1315/1102/1/012065 9. Lim K.V., Ghazi, R.M., Nik Yusoff, N.R., Musfiroh J.. (2022). Response Surface Methodology Optimization of Chemical Oxygen Demand Removal by Rice Husk Activated Carbon. In Key Engineering Materials , pp. 385 - 391. Trans Tech Publications Ltd. https://doi.org/10.4028/p-gmlv25 10. Rahman N.S.A., Jani, M., Sharif S.E.T., Idris, N.S.U, Ghazi, R.M, Yusoff, N.R.N.. (2022). The effect of formalin fixed specimen disposal by burial on earthworm. In AIP Conference Proceedings . American Institute of Physics Inc.. https://doi.org/10.1063/5.0079470 11. Rosli, N., Jani, M., Idris, N.S.U, Mohd Ghazi, R., Nik Yusof, N.R.. (2021-09). Identification of formaldehyde in groundwater using UV-Vis spectrometer. In IOP Conference Series: Earth and Environmental Science . IOP Publishing. https://doi.org/10.1088/1755-1315/842/1/012006 12. Zakaria, Wan Ain Nabilah, Mohd Ghazi, R, Muhammad, M., Jani, Musfiroh. (2021-09). Optimization of Malachite green removal using activated carbon derived from coconut shell. In IOP Conference Series: Earth and Environmental Science , pp. 1-8. IOP Publishing Ltd. https://doi.org/10.1088/1755-1315/842/1/012033 13. Radin Nizar, F. S., Mohd Ghazi, R., Awang, N.R., Muhammad M.. (2021-09). Assessment of Kelantan River water quality using water quality index (WQI). In IOP Conference Series: Earth and Environmental Science , pp. 1-8. IOP Publishing Ltd. https://doi.org/doi:10.1088/1755-1315/842/1/012005 14. Hisyam, S.M., Sharif, S.E.T., Isa, S.A.M., Jalil, N.A.C., Ghazi, R.M., Yusoff, N.R.N., Jani, M.. (2021-07). Effect of formaldehyde in formalin-fixed specimen on Jasminum sambac plants. In AIP Conference Proceedings . American Institute of Physics Inc.. https://doi.org/10.1063/5.0051677 15. Pei, G.C., Ghazi, R.M., Nik Yusof, N.R., Mohd Alias, M.Z., Jani, M.. (2020-12-28). Adsorption of COD in wastewater by Activated Carbon from Rice Husk. In International Conference on Science and Technology 2020, ICoST 2020 . IOP Publishing Ltd. https://doi.org/10.1088/1755-1315/596/1/012063 16. Nik Yusoff, N.R., Wen L.P., Yusoff, M., Balqis N.A., Ghazi, R.M., Jani, M.. (2020-12-28). Performance of TiO2 /Al2O3/carbon nanotube nanocomposite on the photocatalytic degradation of metamifop. In International Conference on Science and Technology 2020, ICoST 2020 . IOP Publishing Ltd. https://doi.org/10.1088/1755-1315/596/1/012069 17. Moi, F.Y., Ghazi, R.M., Mohd Alias, M.Z.. (2020-09). Removal of Emulsified Oil in Wastewater by Corn Cob Carbon. In 2nd International Conference on Tropical Resources and Sustainable Sciences, CTReSS 2020 . IOP Publishing Ltd. https://doi.org/10.1088/1755-1315/549/1/012065 18. Ramli, A.N., Ghazi, R.M.. (2020-09). Removal of Oil and Grease in Wastewater using Palm Kernel Shell Activated Carbon. In 2nd International Conference on Tropical Resources and Sustainable Sciences, CTReSS 2020 . IOP Publishing Ltd. https://doi.org/10.1088/1755-1315/549/1/012064 19. Mohd Alias, M.Z., Ghazi, R.M., Nik Yusoff, N.R., Jamaludin, M. H.. (2020-09). The Efficiency of Bamboo Activated Carbon for Removal of COD from Fish Cracker Industry Wastewater via Response Surface Methodology (RSM). In 2nd International Conference on Tropical Resources and Sustainable Sciences, CTReSS 2020 . IOP Publishing Ltd. https://doi.org/10.1088/1755-1315/549/1/012058 20. Mohd Alias, M.Z., Mohd Ghazi, R., Nik Yusoff, N.R., Jamaludin, M. H.. (2020). Effect of activation agents on cod reduction using activated carbon from agricultural residue. In 3rd International Conference on Advanced Materials Characterization Techniques, AMCT 2019 , pp. 453-458. Trans Tech Publications Ltd. https://doi.org/10.4028/www.scientific.net/MSF.1010.453
BOOK(S)	1. Rozidaini Mohd Ghazi, Nurul Akmar Che Zaudin, Nor Shahida Shafiee. (2025). Science Foundation: Chemistry. UMK Press. 2. Rozidaini Mohd Ghazi, Najaa Syuhada Mohamad Thani, Siti Fairus Mohd Yusof. (2023). Phytoremediation: Using plant to remove heavy metal. UMK Press. 3. Nik Raihan Nik Yusoff, Rozidaini Mohd Ghazi, Noor Syuhadah Subki. (2021). Bio-Waste as Potential Activated Carbon in Remediating Dye Solution. NOVA SCIENCE PUBLISHER. 4. Elvaene James, Hafzan Eva Mansor, Marieanne Christie Leong, Muhammad Firdaus Abdul Karim, Noorzamzarina Sulaiman, Shaparas Daliman, Siti aisyah Nawawi, Siti Hajar Ya'acob, Noor Syuhadah Subki, Amal Najihah Muhamad Nor, Marinah Muhammad, Muhamad Azahar Abas, Norashikin Fauzi, Nor Shahirul Umirah Idris, Noordiana Mohamad Nasir, Sharifah Aisyah Syed Omar, Mohamad Fikri Samsudin, Muhamad Nizam Abdul Rahman, Hafidah Kamsani, Nur Hidayah Hasan, Nurul Izzati Mohamad, Nazahatul Anis Amaludin, Faathrio Hudaya Zulfrin, Rozidaini Mohd Ghazi, Noor Janatun Naim Jemali, Mohamad Faiz Mohd Amin, Wong Hie Ling. (2020). Laporan Tahunan FSB 2020. Fakulti Sains Bumi, Universiti Malaysia Kelantan.
CHAPTER(S)	1. Apurva Sharma, Pankaj Kumar, Shivraj Gangadhar Wanale, Rozidaini Mohd Ghazi. (2025-07). Advanced Bioengineering Approaches for Energy Production from Waste Biomass. In Biotechnological Advancements in Biomass to Bioenergy Biotransformation (pp. 31-49). Springer. https://doi.org/10.1007/978-981-96-9282-8_2 2. Rozidaini Mohd Ghazi, Nik Raihan Nik Yusoff. (2023). Chapter 10 Spectroscopy And Chromatography. (pp. 115-128). Penerbit UMK. 3. Nik Raihan Nik Yusoff, Rozidaini Mohd Ghazi. (2023). Chapter 3 Water Quality Analysis Chemical Parameter. In Handbook of: Basic Materials for Environmental Analysis (pp. 24-58). Penerbit UMK. 4. Nurul Syazana Abdul Halim, Rozidaini Mohd Ghazi, Norrimi Rosaida Awang, Wani Sofia Udin, Daliman, Shaparas, Nursufiah Sulaiman, Muhamad Azahar Abas, Norashikin Fauzi, Nor Shahida Binti Shafiee @ Ismail, Nazahatul Anis Amaludin, Nik Raihan Nik Yusoff, Zulhazman Hamzah, Musfiroh Jani, Kamarul Ariffin Bin Kambali @ Hambali, Rohazaini Muhammad Jamil, Roniza Ismail, Mohammad Muqtada Ali Khan, Amal Najihah Muhamad Nor, Siti aisyah Nawawi, Hafzan Eva Mansor, Elvaene James, Zaitul Zahira Ghali @ Ghazali, Hamzah Hussin, Muhammad Firdaus Abdul Karim, Wong Hie Ling, Marieanne Christie Leong, Siti Hajar Ya'acob, Suganthi, Appalasamy, Noor Syuhadah Subki, Nor Hizami Hassin, Noorzamzarina Sulaiman, Nor Shahirul Umirah Idris. (2021). Penawaran Program Akademik Prasiswazah. In BUKU E-PELAN STRATEGIK FAKULTI SAINS BUMI 2021-2026 (pp. 21-36). UMK Press. 5. Nurul Syazana Abdul Halim, Rozidaini Mohd Ghazi, Noor Janatun Naim Jemali, Norrimi Rosaida Awang, Wani Sofia Udin, Daliman, Shaparas, Muhamad Azahar Abas, Nursufiah Sulaiman, Siti Hafidah Kamsani, Mohamad Fikri Samsudin, Norashikin Fauzi, Nor Shahida Binti Shafiee @ Ismail, Nazahatul Anis Amaludin, Nik Raihan Nik

	Yusoff, Zulhazman Hamzah, Musfiroh Jani, Kamarul Ariffin Hambali, Rohazaini Muhammad Jamil, Roniza Ismail, Mohammad Muqtada Ali Khan, Amal Najihah Muhamad Nor, Siti aisyah Nawawi, Hafzan Eva Mansor, Elvaene James, Zaitul Zahira Ghali @ Ghazali, Hamzah Hussin, Muhammad Firdaus Abdul Karim, Wong Hie Ling, Marieanne Christie Leong, Siti Hajar Ya'acob, Appalasamy, Suganthi, Noor Syuhadah Subki, Nor Hizami Hassin, Noorzamzarina Sulaiman, Nor Shahirul Umirah Idris, Nurul Izzati Mohamad, Faathrio Hudaya Zulfin, Nur Izzati Salleh, Nur Syahida Ibrahim, Mohammed Firdaus Mohd Ridzuan, Mohamad Rohanif Mohamed Ali, Mohd Khairul Aizuddin Razali, Nur Hidayah Hasan, Muhamad Nizam Abdul Rahman, Noordiana Mohamad Nasir, Sharifah Aisyah Syed Omar. (2021). Pembangunaan Sumber Manusia. In BUKU E-PELAN STRATEGIK FAKULTI SAINS BUMI 2021-2026 (pp. 45-56). UMK Press. 6. Noor Janatun Naim Jemali, Marinah Muhammad, Rozidaini Mohd Ghazi, Nik Raihan Nik Yusoff. (2021). Chapter 9: E-portfolio: an engagement platform for student's life-long learning. In Nurturing New Norms In E-Assessment (pp. 67-72). UMK Press. 7. Nur Syuhada Razali, Rozidaini Mohd Ghazi. (2021). Chapter 4. Response Surface Optimization of Malachite Green Removal Using Activated Carbon Derived from Palm Tree Empty Fruit Bunch. In Bio-Waste as Potential Activated Carbon in Remediating Dye Solution (pp. 59-74). NOVA SCIENCE PUBLISHER.
OTHER(S)	1. Rozidaini Mohd Ghazi, Nik Raihan Nik Yusoff. (2025-06-30). Eksplorasi Lapangan EKE2203 @ UMK Trace. Penerbitan Korporat UMK. 2. Nik Raihan Nik Yusoff, Rozidaini Mohd Ghazi. (2025-01). Kerja Lapangan Kursus Teknologi Pemulihan Alam Sekitar. Penerbitan Korporat UMK. 3. Rozidaini Mohd Ghazi. (2024-12-17). Jejak Menara Gading: Kolaborasi FSB, UMK Ascent & MRSM Kuala Krai. Penerbitan Korporat UMK Bahagian Penerbitan dan Pengurusan Laman Web, Pusat Komunikasi Korporat UMK. 4. Rozidaini Mohd Ghazi, Nor Sayzwani Sukri. (2024-07-01). Program Jelajah Lestari Siri 8. Penerbit UMK. 5. Norashikin Fauzi, Wong, Hie Ling, Rozidaini Mohd Ghazi, Noorzamzarina Sulaiman. (2024-07). Karnival Pendidikan Kerjaya Program Matrikulasi Kementerian Pendidikan Malaysia (KPM). Penerbitan Korporat UMK Bahagian Penerbitan dan Pengurusan Laman Web Pusat Komunikasi Korporat Pejabat Naib Canselor Universiti Malaysia Kelantan 16300 Bachok Kelantan Darul Naim. 6. Hafzan Eva Mansor, Elvaene James, Mohammad Muqtada Ali Khan, Rozidaini Mohd Ghazi, Mohd Syakir Sulaiman, Nurul Irene Hanie, Siti Aisyah Nawawi, Farah Khaliz Kedri, Sulaiman Chindo, Nur Kyariatul Syafinie Abdul Majid, Sharifah Aisyah Syed Omar. (2023). Buletin FSB (Jan-Jun 2023). Faculty of Earth Science. https://doi.org/2716-6619 7. Hafzan Eva Mansor, Elvaene James, Rozidaini Mohd Ghazi, Mohd Syakir Sulaiman, Nurul Irene Hanie, Siti Aisyah Nawawi, Farah Khaliz Kedri, Sulaiman Chindo, Nur Khyairatul Syafinie, Sharifah Aisyah Syed Omar. (2023). Pena FSB 2022. Faculty Science Earth. 8. Wong Hie Ling, Mohamad Faiz Mohd Amin, Norrimi Rosaida Awang, Noor Janatun Naim Jemali, Rozidaini Mohd Ghazi, Elvaene James, Nurul Irene Hanie, Hafzan Eva Mansor, Siti aisyah Nawawi, Sulaiman Chindo, Nur Kyariatul Syafinie Abdul Majid, Mohd Syakir Sulaiman, Farah Khaliz Kedri, Noor Syuhadah Subki, Nor Shahirul Umirah Idris, Muhammad Firdaus Abdul Karim, Noordiana Mohamad Nasir, Sharifah Aisyah Syed Omar, Muhamad Nizam Abdul Rahman, Siti Hafidah Kamsani, Nur Hidayah Hasan, Nurul Izzati Mohamad, Nazahatul Anis Amaludin, Faathrio Hudaya Zulfrin. (2022-04). Pena FSB. Fakulti Sains Bumi, UMK. 9. Hafzan Eva Mansor, Elvaene James, Nurul Irene Hanie, Rozidaini Mohd Ghazi, Siti aisyah Nawawi, Farah Khaliz Kedri, Sulaiman Chindo, Mohd Syakir Sulaiman, Nur Kyariatul Syafinie Abdul Majid. (2022). Buletin Fakulti Sains Bumi Edisi Jan-Jun 2022. Fakulti Sains Bumi Universiti Malaysia Kelantan (Kampus Jeli). 10. Wong Hie Ling, Mohamad Faiz Mohd Amin, Norrimi Rosaida Awang, Noor Janatun Naim Jemali, Rozidaini Mohd Ghazi, Elvaene James, Hafzan Eva Mansor, Nurul Irene Hanie, Siti aisyah Nawawi, Sulaiman Chindo, Nur Khyairatul Syafinie, Mohd Syakir Sulaiman, Farah Khaliz Kedri. (2021). Buletin FSB Edisi Jul-Dis 2021. Fakulti Sains Bumi, UMK. 11. Nik Raihan Nik Yusoff, Nisrina Nadia, Noor Syuhadah Subki, Rozidaini Mohd Ghazi, Radhi, A, Nik Nurul Anis Nik Yusoff, Musfiroh Jani, Noor Janatun Naim Jemali, Marinah Muhammad. (2021). Activated Carbon From Foxtail Palm Fruit For Removal Of Methylene Blue, Cr (Iv) And Metamifop. 12. Nik Raihan Nik Yusoff, Rozidaini Mohd Ghazi. (2020). Fakulti Sains Bumi Dan Rakan Sekutu Hasilkan Cecair Pebasmi Kuman Untuk Barisan Petugas Hadapan Covid19. Penerbit Fakulti Sains Bumi.
RESEARCH(S)	1. CHARACTERIZATION OF POLYCYCLIC AROMATIC HYDROCARBONS UTILIZING POSITIVE MATRIC FACTORIZATION AS RECEPTOR MODEL IN HEALTH RISK ASSESSMENT | MEMBER | FRGS | 2016 2. CHEMICAL OXYGEN DEMAND (COD) DEGRADATION OF KETCHUP INDUSTRY EFFLUENT USING TIO2 /AL2O3/CNT PHOTOCATALYST | MEMBER | UMKRS | 2021 3. ENVIRONMENT FATE AND IMPACT OF PESTICIDE RESIDUE ON HUMAN HEALTH AND ENVIRONMENT FROM THE POST-FLOOD CONDITION IN KELANTAN RIVER BASIN | MEMBER | SGJP | 2016 4. GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES FROM KAFFIR LIME EXTRACT AND THEIR APPLICATIONS | HEAD | UMK-MATCH | 2022 5. GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES FROM KAFFIR LIME EXTRACT AND THEIR APPLICATIONS | HEAD | UMK-MATCH | 2023 6. PENGESANAN SOSIOBUDAYA MASYARAKAT SIAM KELANTAN DARI SUDUT BAHASA ASAL SIAM KELANTAN | MEMBER | FRGS | 2015 7. PROGRAM PEMBANGUNAN USAHAWAN MUDA-PEMBANGUNAN PRODUK BERASASKAN TUMBUHAN HERBA BAGI PEMERKASAAN KOMUNITI KOTA BHARU | MEMBER | UMKSIR | 2021 8. STUDY ON THE POTENTIAL AND MECHANISM(S) OF ALOCASIA PUBER (ARACEAE) FOR THE TREATMENT OF HEAVY METALS CONTAMINATION IN WATER AND SOILS | HEAD | FRGS | 2016 9. SYNTHESIS AND CHARACTERIZATION OF THERMO-RESPONSIVE CATIONIC GRAFT COPOLYMERS CONTAINING 2-(2-METHOXYETHOXY)ETHYL METHACRYLATE AND OLIGO(ETHYLENE GLYCOL) METHACRYLATE VIA ATRP | MEMBER | FRGS | 2015 10. EPANDUAN PEMBANGUNAN PRODUK BERASASKAN-BIO UNTUK PELAJAR DAN KOMUNITI MELALUI SERVICE-LEARNING PROJEK | MEMBER | UMK-TELRIC | 2022
	• **GIS-BASED LANDSLIDE DAMMING HAZARD SUSCEPTIBILITY MAPPING USING UNMANNED AERIAL VEHICLES APPROACH FOR RISK MANAGEMENT** | CO SUPERVISOR FOR A PHD'S STUDENT

SUPERVISION	• **Green Synthesis Of Zinc Oxide For The Reduction Of Chemical Oxygen Demand In Wastewater** | MAIN SUPERVISOR FOR A MASTER'S STUDENT
RESEARCH AWARD (S)	• Product Name: EMPOWERING COMMUNITY THROUGH STUDENT SERVICE LEARNING IN ACTIVATED CARBON PRODUCTION Award: GOLD Role: Member Exhibition Name: International Teaching Enhancement & Learning Innovation Carnival (iTeLIC) 2023. • Product Name: SERVICE-LEARNING APPROACH FOR ZERO-WASTE INITIATIVE Award: GOLD Role: Head Exhibition Name: International Teaching Enhancement & Learning Innovation Carnival (iTeLIC) 2023. • Product Name: INTERACTIVE EDUCATIONAL VIDEOS OF ENVIRONMENTAL SAMPLING Award: GOLD Role: Head Exhibition Name: International Teaching Enhancement & Learning Innovation Carnival (iTeLIC) 2023. • Product Name: e-portfolio: An engagement platform for student's long life learning Award: GOLD Role: Member Exhibition Name: Telic 20 • Product Name: Phytopuber Award: SILVER Role: Head Exhibition Name: eCRI2019_Diadakan pada Februari 2020 • Product Name: e-Assessment - The reliability of students performance in mathematics Award: SILVER Role: Member Exhibition Name: Telic 20 • Product Name: Polymer Pioneers: Shaping The Future with Science Award: SILVER Role: Member Exhibition Name: International Teaching Enhancement & Learning Innovation Carnival (iTeLIC) 2023. • Product Name: The Sacha Inchi Cream: Food for Skin Award: SILVER Role: Member Exhibition Name: SIRIM Invention, Innovation & Technology Expo 2023 (Si2Te 2023) • Product Name: INTERACTIVE EDUCATIONAL VIDEOS OF ENVIRONMENTAL SAMPLING Award: SILVER Role: Head Exhibition Name: International University Carnival on E-Learning (IUCEL) 2023 • Product Name: Activated Carbon from Foxtail Palm Fruit For Removal of Metylene Blue, Cr(VI) and Metamifop Award: SILVER Role: Member Exhibition Name: CRI2021 • Product Name: Agricutural Career Training Program for Drop Out Student Award: SILVER Role: Member Exhibition Name: i-SPIKE 2021 • Product Name: Agricutural Career Training Program Award: SILVER Role: Member Exhibition Name: eCRI 2020 • Product Name: Locally isolated Methylobacterium sp as potential biofertilizer Award: BRONZE Role: HEAD Exhibition Name: CRI 2020 • Product Name: SIE/ CHITO-PACK Award: BRONZE Role: Member Exhibition Name: CARNIVAL OF RESEARCH AND INNOVATION UMK (CRI UMK 2023) • Product Name: Degradation of Metamifop by TiO2/Al2O3/CNT, TiO2/Al2O3/G and Al2O3/G Award: BRONZE Role: Member Exhibition Name: CRI2021 • Product Name: Curriculum for Community C4C Award: BRONZE Role: Member Exhibition Name: eCRI 2020 • Product Name: Student 's readiness and acceptance of e-assessment in higher education Award: BRONZE Role: Member Exhibition Name: Telic 20 • Product Name: Relationship between learning outcomes achievement and graduate employability of sustainable science alumni Award: BRONZE Role: Head Exhibition Name: Telic 20 • Product Name: Pendekatan kesedaran STEM menggunakan teknologi dron Award: BRONZE Role: Member Exhibition Name: eCRI 2020

	• Product Name: Agricultural waste activated carbon filter Award: BRONZE Role: Head Exhibition Name: eCRI 2020

D. CONSULTATION

CONSULTATION(S)	1. KAJIAN ANALISIS KUALITI AIR BAGI SISTEM SALIRAN BIO-EKOLOGI DI IBU PEJABAT POLIS DAERAH PASIR MAS, KELANTAN | HEAD | 2020 2. KAJIAN ANALISIS KUALITI AIR BAGI SISTEM SALIRAN BIO-EKOLOGI DI IBU PEJABAT POLISDAERAH PASIR MAS, KELANTAN | HEAD | 2021 3. KONSULTASI TIDAK BERBAYAR BAGI KUALITI AIR TELAGA TIUB DI IPD PASIR MAS | HEAD | 2021

E. COMMUNITY SERVICES

COMMUNITY SERVICES	