



MUSFIROH JANI

Faculty of Earth Science, Universiti Malaysia Kelantan, UMK Jeli,
Kelantan

phone: +(60) 194448797

email: musfiroh@umk.edu.my

ABOUT ME

Senior Lecturer DS51 (Permanent)

Faculty of Earth Science, Universiti Malaysia
Kelantan, Kampus Jeli, Locked Bag 100,
17600 Jeli, Kelantan.

Malaysian/Married/Pulau Pinang

Field of Interest

Environmental Chemistry

Analytical Chemistry

Soil Science

Sustainable Science

Experience

SENIOR LECTURER DS51-Permanent; July 2014 – Now;
Faculty of Earth Science, University Malaysia Kelantan, Jeli Campus,
Kelantan.

LECTURER DS45; July 2009- July 2014;
Faculty of Agro Industry and Natural Resources. Universiti Malaysia
Kelantan, Kelantan.

TUTOR DS41; Mac 2009 – July 2009,
Faculty of Agro Industry and Natural Resources. Universiti Malaysia
Kelantan.

INTERN CHEMIST; May 2005 – July 2005,
Chemsil (Air & Water) Sdn. Bhd. Shah Alam.

Education

PhD; Geography And Environmental Science, 2014;
University Of Reading, United Kingdom;
Thesis title: The Stability Of Hydrous Ferrous Sulfate Mineral In Acid
Mine Drainage

**Master of Science, Chemistry; 2008; Universiti Teknologi
Malaysia (UTM), Skudai, Johor.**

Thesis title: Cold Ultrasonic Acid Extraction of Selected Trace Metals
from Clay and Peat Samples.

**Bachelor of Science, Industrial Chemistry; 2007; Universiti
Teknologi Malaysia (UTM), Skudai, Johor.**

SPM, 2001-2002; MRSM Taiping, Perak.

PROFESSIONAL MEMBERSHIP

1. Institut Kimia Malaysia (IKM) – 2019-now
2. Malaysian Society of Soil Science (MSSS) -2021
3. Persatuan Sains Analisis Malaysia (ANALIS)- Lifetime member
4. Malaysian Nature Society (MNS) – 2015 - 2019
5. Mineralogical Environmental Society of United Kingdom and Ireland - 2010-2014 Student Membership.
6. Geochemical Society 2012 Student Membership

TEACHING

1. Principal Chemistry
2. Chemistry
3. General Chemistry
4. Introduction to Environmental Science
5. Soil Resources and Ecosystem
6. Geochemistry
7. Sustainable Agriculture
8. Industrial Ecology
9. Scientific Research and Methodology
- 10 Water Science

AWARD

1. Silver Award Augmented Reality Biodiversity Lab. eTELIC: Teaching Enhancement and Learning Innovation Carnival 2020. 21 September 2020.Universiti Malaysia Kelantan.
2. Bronze Award. Cultivating Environmental Awareness Among Schoolchildren Through An Augmented Reality Environmental Pollution Book. eTELIC: Teaching Enhancement and Learning Innovation Carnival 2020. 21 September 2020.Universiti Malaysia Kelantan.
3. Bronze Award Social Media As An E-Portfolio For Academic Programme. eTELIC: Teaching Enhancement and Learning Innovation Carnival 2020. 21 September 2020.Universiti Malaysia Kelantan.
4. Bronze Medal. Zeflate: Fish Booster. I-Cipta 2018. Center for Islamic Philanthropy and Social Finance (CIPSF). 30 August 2018. UITM Melaka.
5. Anugerah Perkhidmatan Cemerlang, Universiti Malaysia Kelantan. 2015.
6. Anugerah Gemilang Universiti, Penerbitan Harapan. Universiti Malaysia Kelantan 2014.
7. Skim Latihan Akademik Bumiputera (SLAB) - Universiti Malaysia Kelantan 2010-2014; scholarship for pursuing PhD
8. Skim Pelajar Cemerlang: Program Ekspres MARA-UTM 2003; scholarship for pursuing BSc (Industrial Chemistry).

PUBLICATION

Journal

Article

1. 2021 Sharmin Muhammad Hisyam, Sharifah Emilia Tuan Sharif, Seoparjoo Azmel bin Mohd Isa, Nur Asyilla Che Jalil, Rozidaini Mohd Ghaz , Nik Raihan Nik Yusoff and **Musfiroh Jani***. Determination Of Formaldehyde From Disposal Of Formalin Fixed Biological. Specimen Buried In Soil. Sains Malaysiana. 2021. 50 (8). 2239-2247. **Scopus**.
2. 2021 Ku Boon Hong, **Musfiroh Jani***, Rabiatul Adawiyah Meor Mohamad Zain, Norashikin Mohd Fauzi. Effect Of Stocking Density On The Growth Performance Of Red Tilapia In Zeolite Supplemented Closed System. Jurnal Teknologi. 2021. 83(5). 85–92. **Scopus**.
3. 2021 Sharmin Muhammad Hisyam, Sharifah Emilia Tuan Sharif, Seoparjoo Azmel bin Mohd Isa, Nur Asyilla Che Jalil, Rozidaini Mohd Ghaz , Nik Raihan Nik Yusoff and **Musfiroh Jani***. Effect of Formaldehyde in Formalin-fixed Specimen on Jasminum Sambac Plants. AIP Conference Proceedings. AIP Conference Proceedings 2021. 2347, 020226. **Scopus**.
4. 2021 F Norashikin, B Ibrahim, S N A Aziz1, J. Musfiroh and H Kamarul Ariffin. Estimation of liana infestation above canopy in Bukit Bakar recreational park, Kelantan using an unmanned aerial vehicle. IOP Conference Series: Earth and Environmental Science 736. 012049. **Scopus**.
5. 2020 *Norashikin Fauzi, Nik Norain Nik Hassan, **Musfiroh Jani**, Amal Najihah Muhamad Nor, Siti Aisyah Nawawi, Kamarul Arifin Kambali@Hambali, Muhammad Firdaus Abd.Karim. Carbon Stock of Necromass in Harvested Forest of Gunung Basor, Kelantan. Borneo Journal of Social Science & Technology 2020. 2 (2), 06-10.
6. 2020 Miza Asma Syahirah Mat Jidin, **Musfiroh Jani***, Norashikin Mohd Fauzi and Noor Syuhadah Subki. Removal of methyl red in wastewater by activated carbon derived from rice husk. Journal of Tropical Resources and Sustainable Sciences. 2020 (8). 26-30.
7. 2020 Yusoff, N.R.N., Wen, L.P., Yusoff, M., Ghazi, R.M., **Jani, M.** Performance of TiO₂/Al₂O₃/carbon nanotube nanocomposite on the photocatalytic degradation of metamifop. IOP Conference Series: Earth and Environmental Science, 2020, 596(1), 012069. **Scopus**
8. 2020 Pei, G.C., Ghazi, R.M., Nik Yusoff, N.R., Mohd Alias, M.Z., **Jani, M.** Adsorption of COD in wastewater by Activated Carbon from Rice Husk. IOP Conference Series: Earth and Environmental Science, 2020, 596(1), 012063. **Scopus**
9. 2019 Musfiroh Jani, Mohamad Saiful Sulaiman and Kyariatul Syafinie Abd Majid. Soil Elemental Distribution at Selected Locations in Pangkor Island for Baseline Reference. The Malaysian Forester. 2019. **Scopus**
10. 2018 Rabiatul Adawiyah Meor Mohamad Zain, Nur Farrah Izzaty Shaari, Mohamad Faiz Mohd Amin and **Musfiroh Jani**. Effects Of Different Dose Of Zeolite (Clinoptilolite) In Improving Water Quality And Growth Performance Of Red Hybrid Tilapia (Oreochromis sp.). ARPN Journal of Engineering and Applied Sciences. 2018. 13 (24). 9421-9426. **Scopus**.

11. 2018 S. L. M. Jan and **M. Jani**. Synthesized And Characterization Of Sodium Cobalt Oxide As Sodium-Ion Cathode Batteries Using Sol-Gel Method. Malaysian Journal of Analytical Sciences. 2018. 22 (3). **Scopus**
12. 2018 Saleh R, Baharom N A, Sukri N S, Jan S L M, **Jani M**. X-Ray Fluorescence (XRF) Analysis Of Metals Concentration In Soil Samples From Lojing Highlands. J. Fundam. Appl. Sci., 2018. 10(1S), 1084-1091.
13. 2017 Muhammad Arieff Mat Shukri, Mahani Yusoff, Norrimi Rosaida Awang, **Musfiroh Jani**, Zairah Ab Kadir, Bawani Selvam, Muhammad Azwadi Sulaiman, Mohammed Abdus Salam. Investigation of Relationship between Particulate Matter (PM_{2.5} and PM₁₀) and Meteorological Parameters at Roadside Area of First Penang Bridge. J. Trop. Resour. Sustain. Sci. 5 (2017): 33-39.
14. 2017 Zairah Ab Kadir, Mahani Yusoff*, Norrimi Rosaida Awang, **Musfiroh Jani**, Muhammad Arieff, Bawani Selvam, Muhammad Azwadi Sulaiman, Mohammed Abdus Salam. Identification of Cation Elements in PM₁₀ Concentration in Industrial Area of Penang. J. Trop. Resour. Sustain. Sci. 5. 2017.46-50.
15. 2015 **M. Jani**, M. E. Hodson, A. M. Chippindale, In Situ powder X-Ray Diffraction Study On Hydrous Ferrous Sulfate Minerals, Advanced Materials Research, Vol 1087, Pp. 257-261.

Book/Chapter in Book

1. 2020 BioWaste as Potential Activated Carbon in Remediating Dye Solution. Nova Publisher. Chapter in Book.
2. 2017 Cases of Active Learning. 2017. UMK Publisher. Chapter in Book.

Proceeding

1. 2021 N Rosli, **M Jani**, N S U Idris, R Mohd Ghazi, N R Nik Yusoff. Identification of formaldehyde in groundwater using UV-Vis spectrometer. International Conference on Tropical Resources and Sustainable Sciences (CTReSS 3.0). 14th - 15th July 2021.
2. 2021 Nur Syamimi Abd. Rahman, **Musfiroh Jani**, Sharifah Emilia Tuan Sharif, Nor Shahirul Umirah Idris, Rozidaini Mohd Ghazi, Nik Raihan Nik Yusoff. The Effect of Formalin Fixed Specimen Disposal by Burial on Earthworm. International Conference on Bioengineering and Technology (IConBET2021). 24-25 May 2021.
3. 2018 Rabiatal Adawiyah Meor Mohamad Zain*, Mohamad Faiz Mohd Amin, Lee Seong Wei, **Musfiroh Jani**. Effect of Zeolite on the Water Quality and Growth Performance of Red Hybrid Tilapia (*Oreochromis niloticus*). International Conference on Advance and Scientific Innovation (ICASI). Medan Indonesia. 23-24 April, 2018.
4. 2017 **M. Jani**, S. Sulaiman, K. S. A. Majid. Soil Elemental Distribution In Selected Soil Samples From Pangkor Island By Using X-Ray Fluorescence

- For Baseline Reference. Pangkor Island Scientific Expedition Seminar. 8-9
Disember 2017.
5. 2017 Rabiatul Adawiyah Meor Mohamad Zain*, Mohamad Faiz Mohd Amin, Lee Seong Wei, **Musfiroh Jani**. Effect of Zeolite on the Water Quality and Growth Performance of Red Hybrid Tilapia (*Oreochromis niloticus*). Seminar Niche Research Grant Scheme (NRGS) “Developing Rural Entrepreneurship Model For Poverty Eradication. 23 – 24 August 2017. Hotel Renaissance, Kota Bharu, Kelantan.
 6. 2017 Nur Farrah Izzaty Shaari, Mohd Faiz Mohd Amin , Lee Seong Wei & **Musfiroh Jani**. Effect of *Azolla* Supplementation on Growth Performance and Survival of Red Hybrid Tilapia (*Oreochromis Niloticus*). Seminar Niche Research Grant Scheme (NRGS) “Developing Rural Entrepreneurship Model For Poverty Eradication. 23 – 24 August 2017. Hotel Renaissance, Kota Bharu, Kelantan.
 7. 2017 Rabiatul Adawiyah Meor Mohamad Zain*, Mohamad Faiz Mohd Amin, Lee Seong Wei, **Musfiroh Jani**. Effect of Zeolite on the water quality and growth performance of Red Hybrid Tilapia (*Oreochromis niloticus*). Postgraduate Studies Symposium 01 15-16th August 2017. Dewan Utama, Universiti Malaysia Kelantan, Jeli Campus.
 8. 2017 Nur Farrah Izzaty Shaari, Mohd Faiz Mohd Amin , Lee Seong Wei & **Musfiroh Jani**. Effect of *Azolla* Supplementation on Growth Performance of Red Hybrid Tilapia (*Oreochromis niloticus*). Postgraduate Studies Symposium 01 15-16th August 2017. Dewan Utama, Universiti Malaysia Kelantan, Jeli Campus.
 9. 2016 S. L. M. Jan and **M. Jani**. 2016. Synthesized And Characterization Of Sodium Cobalt Oxide As Sodium-Ion Cathode Batteries Using Sol-Gel Method
 10. 2016 **M. Jani** N. A. Baharom, N. Miskam, N. A. Ibharim, N. A. Amaludin, and S. Sukri. Soil Elemental Composition Of Royal Belum Rainforest For Soil Pollution Assessment 4th Royal Belum Scientific Expedition Symposium, Royal Belum Resort, Perak. 22-25th May 2016.
 11. 2015 **M. Jani**, M. E. Hodson, A. M. Chippindale. 5th International Conference for Young Chemists (ICYC), City Bayview Hotel, Georgetown, Penang. 5-7th August 2015. The Stability of Hydrous Ferrous Sulfate in Acid Mine Drainage.
 12. 2015 M. Abdus Salam, L. B. Young , K. Wan Rashida, **M. Jani**, E. R. Aweng. 3rd International Conference on Water Resources (ICWR 2015), Bayview Hotel Langkawi, 24 - 25th November 2015. Seasonal Effects and Distribution Pattern of Heavy Metals in Malacca River Basin.
 13. 2015 N. S. Sukri, S. H. Ya’acob, **M. Jani**, F. K. Kedri, N. S. Subki, Z. Hamzah. 2015. 17th International Conference On Ecological Informatics And Ecosystems Conservation, Bali, Indonesia. Determination Of Heavy Metal Concentration In Soil From Flood Affected Area.

14. 2014 M. A. Salam, S. A. Bakr, R. M. Ghazi, **M. Jani**, A. E. Rak. Atmospheric Chemistry And Climate Change In Asia 2014 (WACCCA2014). Comparative Assessment Of Polycyclic Aromatic Hydrocarbons (PAHs) In PM10 At Two Urban Areas In Malaysia. Workshop on Atmospheric Chemistry and Climate Change in Asia in 2014, organized by University Kebangsaan Malaysia, 14-15 July, 2014.
15. 2014 **M. Jani**, M. E. Hodson, A. M. Chippindale. International Conference On X-Rays & Related Techniques In Research & Industry 2014, KSL Hotel Johor. In Situ Powder X-Ray Diffraction Study On Hydrous Ferrous Sulfate Minerals. 11-13th August 2014.
16. 2011 **M. Jani**, A. M. Chippindale and M. E. Hodson, Frontiers in Environmental Geosciences Aberyswyth, Wales: Annual Conference of the Mineralogical Society of Great Britain & Ireland. Temperature-humidity stability relationships of hydrous ferrous sulfates. 21-23rd June 2011.
17. 2011 **M. Jani**, A. M. Chippindale and M. E. Hodson. The Mineralogical Society, Environmental Mineralogy Group: Environmental Mineralogy & Biogeochemistry Research Meeting, Grant Institute, University of Edinburgh 6th May 2011: (Proceeding).

Popular Writing

1. 2021 N. Fauzi, M. Jani and S. A. Nawawi. Kenali Serangga Perosak Utama Petai. <https://www.majalahsains.com/kenali-serangga-perosak-utama-petai/>
2. 2019 **M. Jani**. Jenis-jenis plastik dan penggunaannya. Majalah Sains. <https://www.majalahsains.com/jenis-jenis-plastik-dan-penggunaannya/>
3. 2017 **M. Jani**. Plastik Mikro: Ancaman Hidupan Laut. Majalah Sains. <http://www.majalahsains.com/plastik-mikro-ancaman-hidupan-laut/>. 2017.

CONFERENCE ATTENDED

1. International Conference on Tropical Resources and Sustainable Sciences (CTReSS 3.0). 14th - 15th July 2021. Universiti Malaysia Kelantan: Poster presentation.
2. International Conference on Bioengineering and Technology (IConBET2021). 24-25 May 2021. Universiti Malaysia Kelantan: Poster presentation.
3. Pangkor Island Scientific Expedition Seminar. 8-9 Disember 2017. Oral presentation.
4. Seminar Niche Research Grant Scheme (NRGS) "Developing Rural Entrepreneurship Model For Poverty Eradication. 23 – 24 August 2017. Hotel Renaissance, Kota Bharu, Kelantan: Oral presentation.
5. 4th Royal Belum Scientific Expedition Symposium, Royal Belum Resort, Perak. 22-25th May 2016: Oral Presentation.
6. 5th International Conference for Young Chemists (ICYC), City Bayview Hotel, Georgetown, Penang. 5-7th August 2015: Poster Presentation.

7. International Conference on X-Rays & Related Techniques in Research & Industry 201, KSL Hotel Johor Bahru, 11-13th August 2014: Oral Presentation.
8. Environmental Mineralogy Group, Research in Progress Meeting, University of Reading, 28th May 2012: Poster Presentation.
9. Meeting on XRD: Phase Identification & Crystallography in Industry, University of Leicester, 24th May 2012: Delegate
10. Research Students Conference 2012, School of Human and Environmental Sciences, The University of Reading 26-27th April 2012: Oral presentation
11. Frontiers in Environmental Geosciences Aberyswyth, Wales 21-23rd June 2011: Annual Conference of the Mineralogical Society of Great Britain & Ireland: Poster presentation.
12. The Mineralogical Society, Environmental Mineralogy Group: Environmental Mineralogy & Biogeochemistry Research Meeting, Grant Institute, University of Edinburgh 6th May 2011: Oral presentation.
13. Environmental Mineralogy Group Research in Progress Meeting, The British Geological Survey, Keyworth Nottingham, 19th April 2010 : Participant
14. Research Students Conference 2010, School of Human and Environmental Sciences , University of Reading: Poster Presentation.

RESEARCH PROJECT/GRANT

1. PRINCIPAL RESEARCHER; Environmental Fate and Impact of Pesticide Residues on Human Health and Environment from the Post-flood Condition in Kelantan River Basin. SGJP (RM 15, 000) – Jun 2016 – Jun 2017. Completed.
2. CO-RESEARCHER; Characterization of microplastic pollutants in drinking water sources using physico-chemical analysis for health risk assessment. FRGS. (RM81,700); 2019-2021. Ongoing.
3. CO-RESEARCHER; Development and testing of Soil Biodegradable Polymerized Coconut-shell-powder Containers and Mulchers for Green Farming SGJP-USM Myra Keserakanan. (RM 31,225); Jan 2017-June 2018. Completed.
4. CO-RESEARCHER; Geran Penyelidikan Pasca Banjir- UTM – 2015 – (RM10,000) Completed.
5. CO-RESEARCHER; Two step preparation of hollow colloidosomes prepared by solvent evaporation method using sugar ester and linear poly(2-2 methoxyethoxy ethyl methacrylate); Research Acculturation Grant Scheme (RAGS); (RM 54,000); October 2014-2016. Completed.
6. CO-RESEARCHER; Establishing Sustainable of Tilapia Fry Production and Growth Out Pond Management; NRGs (RM766, 000) – January 2014 – January 2019. Completed.
7. CO-RESEARCHER; Kajian Kepuasan Bekerja di Kalangan Staf Universiti Malaysia Kelantan, SGJP (RM10,000) – 1 September 2015 – 31 Mac 2016. Completed.

8. PRINCIPAL RESEARCHER; The stability of hydrous ferrous sulfate mineral in acid mine drainage– sponsored by Ministry of Higher Education, Malaysia; Jan 2010- 2014. Completed.

CONSULTATION

1. Rancangan Pengurusan Hutan Negeri Kelantan 2016-2025–Jabatan Hutan Negeri Kelantan. 2016. RM180,000.
2. Kesatuan Staf Pelaksana Universiti Malaysia Kelantan (KESPUMK). 2016.

ACADEMIC AND ADMINISTRATIVE ACTIVITIES

1. Student in Entrepreneurship Programme (SIEP) Coordinator, Fac. of Earth Science, 2020 – ongoing.
2. Postgraduates Coordinator, Fac. of Earth Science, UMK 2014 - 2019.
3. Internal Auditor, Fac. of Earth Science, Universiti Malaysia Kelantan 2014-ongoing.
4. Task Force for Buku Peraturan Akademik, Pusat Pengajian Siswazah, 2015-2016.
5. Task Force for Kualiti Akademik Pascasiswazah, Pusat Pengajian Siswazah, 2015.
6. Committee member of Karnival Pendidikan Tinggi Negara, Zon Timur, 2017-2018.
7. Committee member of Jom Masuk U (by Ministry of Education), Zon Sabah. 2019.
8. Program Final Year Project Coordinator, Fac. Of Earth Science, UMK 2015, 2019.
9. Task Force for New Academic Program, Master Pengurusan Sumber Asli dan Teknologi Spatial. 2019-now.
10. Task Force for New Academic Program, Analitik Alam Sekitar, 2020- ongoing.

PROFESSIONAL DEVELOPMENT

1. Panel Examiner for Chemistry Paper and Engineering Chemistry (Matriculation), Ministry of Education Malaysia (MOE) 2014-2015.
2. Panel Reviewer for International; Association of Civil, Agricultural and Environmental Engineering Researchers (CAEER). 2014- Present
3. Reviewer for Conference on Tropical Resources and Sustainable Sciences. CTRESS Journals 2014, 2017, 2020.
4. Committee member of 1st International Conference on Tropical Resources and Sustainable Sciences, 2014.
5. Invited Assessor for 12th PPSKH Postgraduate Biocolloquium, 11 August 2015, USM Penang.
6. Invited Speaker For Bengkel Penyelidikan FYP 2019

7. Reviewer for Borneo Journal of Science and Technology (BJoST) published by University College of Technology Sarawak (UCTS). 2020.
8. Reviewer for International Conference on Science and Technology 2020 for IOP Conference Series: Earth and Environmental Science.
9. Jury for International Conference on Science and Technology 2020 (ICoST 2020).
10. Reviewer in Malaysian Applied Biology Journal. UKM. 2021.
11. Committee member of Seminar of Rare Earth Elements. 2021.
12. Examiner for Postgraduates Proposal Defend, Fac. Of Earth Science.
13. Examiner for Undergraduates Final Year Project, Fac. Of Earth Science.

STUDENT SUPERVISION

Graduate supervision

	Role	Year Graduated
1. Nur Farrah Izzaty Shaari. Effect of Zeolite on the Water Quality and Growth Performance of Red Hybrid Tilapia (<i>Oreochromis niloticus</i>). MSc.	Main-Supervisor	Ongoing
2. Rabiatul Adawiyah. Effect of <i>Azolla</i> Supplementation on Growth Performance and Survival of Red Hybrid Tilapia (<i>Oreochromis Niloticus</i>). MSc.	Main-Supervisor	Ongoing
3. Muhammad Arieff Bin Mat Shukri. Comprehensive Characterization And Spatial Distribution Of Polycyclic Aromatic Hydrocarbon In Size Fraction Particulate Matter At Urban Area. MSc.	Co-supervisor	2019
4. Zairah Binti Abdul Kadir. Comprehensive Study of Source Apportionment And Chemical Composition of Inorganic Chemical In Size Fraction Particulate Matter At Urban Area. MSc.	Co-supervisor	2018

Undergraduate supervision

	Role	Year Graduated
1. Sharmin Binti Muhammad Hisyam. The Effect Of Formalin-Fixed Specimen Disposal By Burial Method In Fauna.	Main-Supervisor	2019

- | | | | |
|-----|--|-----------------|------|
| 2. | Shafiqah Syahirah Binti Mohammad Zakaria. The Effect Of Formalin-Fixed Specimen Disposal By Burial Method In Flora. | Main-Supervisor | 2019 |
| 3. | Nur Syamimi Binti Abd Rahman. The effect of formalin-fixed specimen disposal by burial method in soil. | Main-Supervisor | 2019 |
| 4. | Nurshafiza Binti Rosli. The effect of formalin-fixed specimen disposal by burial method in water. | Main-Supervisor | 2019 |
| 5. | Ku Boon Hong. Effect of Stocking Density on the Growth Performance of Red Tilapia and Water Quality in Zeolite Supplemented Closed System. | Main-Supervisor | 2018 |
| 6. | Nur Hamizah Binti Amzah. Selected Heavy Metals (Cr, Pb, Cd) in Cymbopogon Citratus Plant from Contaminated Soils By Using Atomic Absorption Spectroscopy | Main-Supervisor | 2018 |
| 7. | Sharifah Nor Azreen Suhaila Binti Syed Mohd Anuar. Selected Heavy Metals (Cr, Cd, Hg) distribution in Allium cepa L. plant From contaminated soil by using Atomic Absorption Spectroscopy (AAS). | Main-Supervisor | 2018 |
| 8. | Nor Arsyi Binti Mohd Zulkifli. Effect Of Commercial Feed And Azolla Pinnata On Water Quality And Growth Performance Of Nile Tilapia (Oreochromis Niloticus). BSc. 2017. | Main-Supervisor | 2017 |
| 9. | Nur Hazwani Binti Dzulkafli. Effect Of Zeolite On Water Quality And Growth Performance For Nile Tilapia (Oreochromis Niloticus). BSc. 2017. | Main-Supervisor | 2017 |
| 10. | Siti Sahwa Bt Abdul Rahman. Removal Of Methylene Blue Dye From Wastewater Using Sunflower Seed Hull As Adsorbent. BSc. 2017. | Main-Supervisor | 2017 |
| 11. | Suhasmiera Bt Mat Su. Removal Of Methyl Red In Wastewater Using Activated Carbon From Nutshell. BSc. 2017. | Main-Supervisor | 2017 |
| 12. | Miza Asma Syahirah Binti Mat Jidin. Removal Of Methyl Red In Wastewater Using Activated Carbon From Rice Husk. BSc. 2017. | Main-Supervisor | 2017 |
| 13. | Nik Nabila Shuhada Nik Ghazali (E13B366). Comparison of raw material and activated carbon as adsorbent by using eggshell for removal bromophenol blue. BSc. 2016. | Main-Supervisor | 2016 |
| 14. | Nur Ilyani Khairunnisa Omar (E13A208)Black Tea Waste as Natural and Eco-friendly Adsorbent for Methylene Blue Dye Removal. BSc. 2016. | Main-Supervisor | 2016 |

- | | | | |
|-----|---|-----------------|------|
| 15. | Haniszatul Farhana Shukor (E13A064) Removal of methyl red from wastewater using coconut coir as adsorbent. BSc. 2016. | Main-Supervisor | 2016 |
| 16. | Nur Shafira Shayful Azam (E13A221) Methyl Red Removal Using Activated Carbon derived from orange peels as an adsorbent. BSc. 2016. | Main-Supervisor | 2016 |
| 17. | Nur Amalina Abdul Malek (E13A186) Removal of methyl red from wastewater using banana pseudostem fibre as adsorbent. BSc. 2016. | Main-Supervisor | 2016 |
| 18. | Nor Aniza Ibhari. Heavy Metals Assessment in Soil at Dabong, Kelantan and Sungai Kejar, Royal Belum by using EDXRF. BSc. December 2015. | Main-Supervisor | 2015 |
| 19. | Nor Azmisyabika Baharom. X-Ray Fluorescence (XRF) Analysis of Metal Concentration in Soil Samples from Lojing Highlands and Royal Belum Rainforest. December. BSc. 2015. | Main-Supervisor | 2015 |
| 20. | Nur Nadzirah Mansor. Speciation Analysis of Elements in water Samples at Kelantan River, Kota Bharu by Using ED-XRF. BSc. December 2015. | Main-Supervisor | 2015 |
| 21. | Nurfadhilah Miskam. Quantification of Elements in Mud and Soil Samples in Two Different Environment: Dabong, Kelantan and Royal Belum, Perak by Using EDXRF. BSc. December 2015. | Main-Supervisor | 2015 |
| 22. | Tuan Safhwan Tuan Ahmad. Elemental Composition Analysis in Water from Galas River, Kelantan. BSc. December 2015. | Main-Supervisor | 2015 |

REFEREES

Referee Name : PM Dr. Aweng Eh Rak
 Position : Associate Professor/Director of UMK, Jeli Campus
 Full Address : Faculty of Earth Science, Universiti Malaysia Kelantan Kampus Jeli,
 Locked Bag No. 100, Jeli 17600, Kelantan

Tel (Office) : +609-9477164 ext. 2164
 Fax : +609-9477032
 Email : aweng@umk.edu.my

Referee Name : Sarah Laila Mohd Jan
 Position : Senior Lecturer
 Full Address : Universiti Teknologi MARA Cawangan Pahang Kampus Jengka 26400

Tel (Office)

Jengka Pahang, Malaysia.

: +09 - 460 2780

Email

: sarahlaila@pahang.uitm.edu.my