



UTHM

Universiti Tun Hussein Onn Malaysia

Universiti Tun Hussien Onn Malaysia (UTHM)
86400 Parit Raja, Batu Pahat, Johor Darul Takzim.
Main Campus: UTHM Batu Pahat, Johor.
Email: maya@uthm.edu.my
Webpage: <https://community.uthm.edu.my/maya>



A. INTRODUCTION AND BACKGROUND

i. PERSONAL DETAILS

Name	:	Assoc. Prof. Ts. Chm. Dr. Radin Maya Saphira Binti Radin Mohamed
Date of Birth	:	5 May 1979 (43 years old)
Office Address	:	Faculty of Civil Engineering & Built Environment, Universiti Tun Hussein Onn Malaysia (UTHM) 86400 Parit Raja, Batu Pahat, Johor, Malaysia
Current Positions	:	Associate Professor/ Head of Micropollutant Research Centre
Telephone	:	+607- 456 4371 (Office) +6019-754 9001 (Mobile) +607- 453 6588 (Fax)
E-Mail	:	maya@uthm.edu.my
Researcher Profiles:		Scopus: https://www.scopus.com/authid/detail.uri?authorId=55890952200

		<p>(Current H-Index Scopus on 24 Jan 2022 = 22)</p> <p>ORCID: B-1924-2019</p> <p>Research Gate: https://www.researchgate.net/profile/Radin_Maya_Saphira_Radin_Mohamed</p> <p>Publons: https://publons.com/researcher/1676292/radin-maya-saphira-radin-mohamed/</p> <p>Google Scholar: https://scholar.google.com.my/citations?user=WmrthU0AAAAJ&hl=en</p>
--	--	---

Radin Maya Research Web Community:

 Scopus 	 ORCID <small>stands for Open Researcher and Contributor ID</small> 	 ResearchGate 	 publons 	 Google Scholar 
--	---	---	---	--

ii. EDUCATION AND ACADEMIC QUALIFICATION

YEAR	DETAIL
2011	Doctor of Philosophy in Environmental Engineering, Murdoch University, Perth, Western Australia
2003	Master's Degree in Civil Engineering (by Research in Environmental Engineering), Kolej Universiti Teknologi Tun Hussein Onn, Malaysia (KuiTTHO)
2001	Bachelor's Degree in Science (Industrial Chemistry), Universiti Teknologi Malaysia, Malaysia (UTM)

iii. EXPERTISE BASED ON NATIONAL EDUCATION CODE (NEC) MALAYSIA

Code 0717 - Environmental protection technology

iv. RESEARCH INTEREST AND FIELD OF EXPERTISE

<ul style="list-style-type: none"> ❖ Decentralised wastewater management, treatment and reuse
--

❖ Greywater treatment and its reuse/recycling
❖ Ablution water treatment and reuse
❖ Carwash wastewater treatment
❖ Phycoremediation of decentralized effluent wastewater by using microalgae and its harvesting bioproduct
❖ Photocatalysis
❖ Bioremediation
❖ River water quality and management

v. PROFESSIONAL AFFILIATIONS (MEMBER)

❖ International Water Association (IWA)
❖ Malaysia Board of Technologists (MBOT)
❖ Institute of Chemistry Malaysia
❖ International Association of Engineers (IAENG)

vi. WORK EXPERIENCE

No	Position	Department	Centre/ faculty	Duration
1.	Head of Excellence Centre: Micropollutant Research Centre (MPRC) , Universiti Tun Hussein Onn Malaysia	Centre of Excellence	Institute for Integrated Engineering (I ² E)	1 Dec 2021 to 30 Nov 2023
2.	Head of Research Centre: Micropollutant Research Centre (MPRC) , Universiti Tun Hussein Onn Malaysia	Centre of Research	Faculty of Civil Engineering and Built Environment (FKAAB)	1 Jan 2017 to 1 Dec 2021
3.	Head of Strategic Information Office (SIO) for Water , Sustainable Campus	Head of Strategic Information Office (SIO)	Sustainable Campus Office (SCO)	1 Jan 2018-30 April 2021

	Office, Universiti Tun Hussein Onn Malaysia			
4.	Associate Professor	Department of Water and Environmental Engineering	Faculty of Civil and Environmental Engineering, UTHM	16 Jan 2017
5.	Senior Lecturer	Department of Water and Environmental Engineering	Faculty of Civil and Environmental Engineering, UTHM	3 Nov 2011 – 16 Jan 2017
6.	PhD Student	Environmental Technology Centre, School of Environmental Science	Murdoch University, Australia	2008 – 2011
7.	Lecturer	Faculty of Engineering Technology	Department of Water and Environmental Engineering	3 Feb 2004 – 30 Nov 2007

vi. ADJUNCT/ VISITING FELLOW & AUDITOR & ADVISOR & KEYNOTE SPEAKER & TRAINER & SPEAKER

i) ADJUNCT PROF/VISITING FELLOW/ADVISOR/RESEARCH FELLOW

YEAR	DETAIL
2021-2022	Adjunct Professor, Department of Biology, Environmental Engineering Programme, Faculty of Science and Technology, Universitas Airlangga, Surabaya, Indonesia, 1 March 2021 to 31 Dec 2022
2021-2022	Advisor Program, Diploma in Civil Engineering, Department of Civil Engineering, Politeknik Sultan Idris Shah (PSIS), 2021-2022
2021-2023	Associate Research Fellow of the Water Research and Environmental Sustainability Growth (WAREG), Universiti Malaysia Perlis (UniMAP), Malaysia
2020	Advisor in the Seminar Series " Global Outreach Program in Microbiology - Malaysia, 2020" under the American Society of Microbiology (ASM), 31 Oct 2020 to 31 Dec 2020
2019	Visiting Fellow of Attracting Global Talent Program at the Faculty of Science and Technology, Universitas Airlangga, Surabaya Indonesia, 25 October to 15 November 2019
2018	Invited Guest Lecture at the Faculty of Science and Technology for Environmental Engineering Programme, Universitas Airlangga, Surabaya, Indonesia, 6 August 2018
2017	Visiting Associate Professor at the School of Science and Engineering, Saga University, Japan, Oct to Nov 2017.

ii) AUDITOR/ASSESSOR/JUDGE

NO.	DETAILS	YEAR
-----	---------	------

1.	Judge for FKAAB Innovation Week (InNow) 2022, 1-2 Nov 2022	2022
2.	External assessor for final exam question for Science Marine Degree Program, Faculty of Science and Marine Environment, Universiti Malaysia Terengganu (UMT), 15 Sept 2022 - 14 Sept 2023	2022-2023
3.	Juri Pertandingan 3 Minutes Speech Kelestarian Program Earth Month Awareness 2022 anjuran Pejabat Kampus Lestari, 31 Mei 2022	2022
4.	Internal Auditor, The Clean Air Forum Society of Malaysia	2022-2023
5.	Internal Auditor, Malaysian Research Assessment (MyRA), Jabatan Pendidikan Tinggi, Kementerian Pengajian Tinggi Malaysia, 1 March 2021 - 31 October 2023	2021
6.	Panel Penilai Prototype Research Grant Scheme (PRGS) UTHM, Fasa 1/2021	2021
7.	Panel Penilai Bagi Sesi Pembentangan Dan Penilaian Geran 'Knowledge Transfer Programme - KTP 2020, RMC UTHM, 6 Feb 2020	2020
8.	Ahli Taskforce Badan Penilai (Agensi Bebas) untuk menjalankan penilaian pematuhan projek perintis bagi produk industri perkhidmatan air	2020
9.	Judge in the Virtual International Research and Innovation Symposium and Exposition (RISE 2020)	2020
10.	Judge for Poster in the 4th International Conference on Green Chemical Engineering and Technology 2019, 1-2 October 2019, Double-Tree by Hilton, Melaka	2019
11.	Assessor for FRGS proposal grant evaluation	2019
12.	Assessor for RACER research grant proposal	2019
13.	Panel Assessor for Fundamental Research Grant Scheme (FRGS) Fasa 1/2019	2019
14.	Assessor for PRGS/Fasa 1 research grant proposal UTHM	2019
15.	Academic panel for the 'Academic excellence Programme Civil Engineering Department' at Politeknik Sultan Idris Shah, Selangor', December Session 2012/2013	2013

iii) **KEYNOTE SPEAKER IN CONFERENCE/SEMINAR**

YEAR	DETAIL
2021	Invited Keynote Speaker in the Environmental Festival Webinar Series 2021, organised by Environmental Engineering Students Society, Faculty of Science and Technology (FAST), Universitas Airlangga Indonesia, 13 October 2021, Zoom online
2020	Speaker for the 'Sustainable Sanitation' of the 2nd 'Ambassador Sustainability' program organised by UTHM, Impact Youth Sustainability and Institute Teknologi Sumatera (ITERA), 21 October 2020
2020	Speaker for the 'Ambassador Sustainability' program with topic title - Environmental Sustainability organised by UTHM, Impact Youth Sustainability and Institute Teknologi Sumatera (ITERA), 11 August 2020
2020	Invited Speaker for the One Week Short Term Training Program through ICT Mode on Environmental Sustainability from 25th May 29th May 2020, Fourth Session scheduled on 26th May 2020 at 12.30 to 2.30 P.M. (IST) on Sustainable Sanitation Bakhtiyarpur College of Engineering, Patna, India
2018	Invited Keynote Speaker at the '1st International Conference Science and Technology for Environmental Protection', 8-9 August 2018, Surabaya, Indonesia
2018	Invited keynote speaker at the International Conference, Workshop & Call for Paper - Industry 4.0 Construction,

	Transportation and Sustainable Development, Politeknik Negeri Malang (POLINEMA), Indonesia, 20 September 2018
2018	Invited keynote speaker at the International Conference, Workshop & Call for Paper - Industry 4.0 Construction, Transportation and Sustainable Development, Narotama University Surabaya, Indonesia, 17-18 September 2018
2018	Invited keynote speaker at the International Conference, Workshop & Call for Paper - Industry 4.0 Construction, Transportation and Sustainable Development, University Negeri Surabaya (UNESA), Indonesia, 19 September 2018

iv) **TRAINER**

YEAR	DETAIL
2022	Speaker/Penceramah Kursus Amalan Hijau di Pejabat / Green Practice in the Office Course, Penggunaan & Penjimatan Air di Pejabat/ Water Savings Uses in the Office, Google Meet, organised by Sustainable Campus Office with Registrar Office UTHM, 11 April 2022
2022	Invited Speaker in the International Training Programme on Community Action against Climate Change, 10 February 2022, 1:30pm-3:00pm GMT, organized by Global Ambassador of Sustainability, Kalyani Mahavidyalaya, Online via Google Meet and Youtube
2021	Fasilitator/Trainer for the Technical Article Writing Course with staff of Department of Irrigation and Drainage (JPS), 11 - 13 October 2021, Zoom
2020	Sharing as an Advisor in the Seminar Series " Global Outreach Program in Microbiology - Malaysia, 2020" under the American Society of Microbiology (ASM), 31 Oct 2020 to 31 Dec 2020
2020	Trainer for the International Training Programme on Sustainable Built Environment and Career Skills (SBECS) from 15th to 22nd July 2020. The topic is Sustainable Drainage System on 16th July from 14:00? 16:00pm, programme organised by Middle East College (MEC), Al Rusayl, Sultanate of Oman
2020	Trainer for the International Training Programme on 'Sustainable and Resilient Cities' from 20th to 28th July 2020. The topic is Sustainable Sanitation on 21st July from 15:30 -17:30pm, programme organised by Mizoram University, India
2020	Trainer for the 'Ambassador Sustainability' program with topic title - Environmental Sustainability organised by UTHM, Impact Youth Sustainability and Institute Teknologi Sumatera (ITERA), 11 August 2020
2020	Invited Trainer for the One Week Short Term Training Program through ICT Mode on Environmental Sustainability from 25th May 29th May 2020, Fourth Session scheduled on 26th May 2020 at 12.30 to 2.30 P.M. (IST) on Sustainable Sanitation organised by Department of Civil Engineering, Bakhtiyarpur College of Engineering, Patna, India
2017	Training of Trainers (TOT) River Rangers at Muar River Basin, organised by the Department of Drainage and Irrigation Segamat, MBD Segamat and Segamat Explorer Club, 23-24 September 2017, at Taman Rekreasi Sungai Kapeh, Segamat

v) **SPEAKER**

YEAR	DETAIL
2023	Speaker at the FRGS Matters Workshop, organized by FKAAB, UTHM, Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia, 12 January 2023
2023	Speaker at the Sharing Tips for JASTIP Fund Application, FKAAB, UTHM via GMeet, 9 Jan 2023
2022	Speaker at the Webinar Session on 'Writing Effective Grant Proposals- My Experience', organized by Research Management Centre (RMC), Universiti Tun Hussein Onn Malaysia, Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia, August 2022
2022	Speaker at the IR4.0 FOR SUSTAINABLE TECHNOLOGY SMART ENERGY AND WATER QUALITY MONITORING SYSTEMS, organized by MiNT-SRC International Seminar, 2 August 2022, GMeet Online
2022	Speaker/Penceramah Kursus Amalan Hijau di Pejabat / Green Practice in the Office Course, Penggunaan & Penjimatan Air di Pejabat/ Water Savings Uses in the Office, Google Meet, organised by Sustainable Campus Office with Registrar Office UTHM, 11 April 2022
2021	Speaker for 'DREAM BIG, WORK SMART AND STAY FOCUS?' motivational program with SPM/STPM candidates of Temenggung Ibrahim Girls School (TIGS) Batu Pahat, Johor, 6 October 2021 in collaboration with MPRC, TIGS and ICRC UTHM
2021	Invited Speaker at the Program "Let's Protect Our Nature-Greywater and its Impact to Environment", 23 October 2021, 2 to 5pm, organized by Civil Engineering Club (KKA), Faculty of Civil Engineering and Built Environment, UTHM, Zoom
2021	Speaker for the Earth Month Awareness 2021, topic Save Water: Towards Greener Tomorrow, 21 April 2021, 11-12pm via Zoom, organized by Sustainable Campus Office and Micropollutant Research Centre
2021	Speaker on Sharing of 'Konsortium Kecemerlangan Penyelidikan (KKP)' Grant with the Jawatankuasa Penyelidikan dan Inovasi (JKPI) member, Faculty of Civil Engineering and Built Environment, 10 April 2021, Google Meet
2021	Speaker for the Green Practice in the Office Campus, Penggunaan & Penjimatan Air di Pejabat/ Water Savings Uses in the Office, Google Meet, organised by Sustainable Campus Office with Registrar Office UTHM, 9 March 2021
2020	Speaker for Environmental Change & Sustainability Opportunities Forum, India Policy Show (online) organised by The Policy Times India, 30 April 2020
2020	Speaker for the 'Sustainable Sanitation' of the 2nd 'Ambassador Sustainability' program organised by UTHM, Impact Youth Sustainability and Institute Teknologi Sumatera (ITERA), 21 October 2020
2020	Speaker at the 'FRGS Sharing Session' for academic staff at Faculty of Civil and Built Environment, Meeting Room 1, 21 January 2020
2019	Speaker for the FRGS Writing Grant organized by Advanced Technology Centre (ATC), Fakulti Teknologi Kejuruteraan bertempat di UTHM-Kampus (Cawangan Pagoh), 11 Februari 2019
2019	Speaker at the Talent Development Program of MiNT-SRC talk on 'Measurement Technology for Environmental Monitoring and

	Opportunity for Future Research', organised by Microelectronics and Nanotechnologies-Shamsuddin Research Center (MiNT-SRC), I2E, UTHM on 26 September 2019
2018	Speaker for the Community Program 'Waste to Vase', entitled Environmental Awareness on Solid Waste, held at Parit Rasipan, Batu Pahat Johor, 10 March 2018. Program collaborated with SWM Environment Sdn. Bhd.
2018	Invited Speaker at the Colloquium 'Designing Research and Development Project for Bachelor Degree Programme' for Designing Research Methodology, organised by RECESS UTHM, 20 August 2018
2017	Speaker at the Nigerian International Student's Forum (NISFU 2017) Colloquium with the theme Sustainability in Emerging Technologies: A Multi-Disciplinary Perspective
2013	Speaker in Motivation Programme at the Sekolah Menengah (P) Sultan Abu Bakar, Muar, Johor

vi) **COMMITTEE**

YEAR	DETAIL
2022-2024	Committee Member for Technical Invoice and Tender, Institute for Integrated Engineering, UTHM
2022	Committee Member in Management Team of Faculty of Civil Engineering and Built Environment
2021	Committee Member in IConCEES 2021
2021	Committee Member Program Earth Month Awareness 2021
2021	Committee Member Proceeding Recent Trend in Civil Engineering and Built Environment (RTCEBE) FKAAB 2021
2021	Ahli JK Penyelidikan dan Inovasi FKAAB_2021-2022
2020	JK Adhoc Penyediaan Ruang Galeri Akademik dan Video Korporat FKAAS Sept 2019
2020	Ketua JK Sustainable Campus Team 2019-2020
2019	Lantikan JK Majlis Pelaksanaan Program Earth Day @UTHM 2019
2019	JK Graduan Terhormat Konvo UTHM 2018
2019	JK Penentuan Teknikal Sebutharga FKAAS 1 Jan 2019 to 31 Dec 2020
2019	JK Penilaian Sebutharga FKAAS 1 Jan 2019 to 31 Dec 2020
2018	JK Pelaksana Program Pasca Siswazah 2017-2018
2018	Penghargaan Deputy Chairperson ISCEE 2018
2018	Lantikan JK Anugerah Khas Konvo 2018
2018	Lantikan ahli taskforce penyemakan income distribution UTHM
2018	JK Program Simposium Stakeholders FKAAS 2018

2018	JK Mobiliti Program Berkredit Pelajar Uni Muhammadiyah Surakarta
2018	Lantikan Penyelaras SIO Water_27 May 2018
2018	Lantikan JK MOU JPS_29.4.2018
2018	Lantikan Ketua SIO Water SCU_15 April 2018
2017	Lantikan JK Keselamatan dan Kesihatan Pekerjaan FKAAS
2017	Sijil Penghargaan Akreditasi 5 Tahun
2017	Lantikan JK Kurikulum dan Silibus (Sarjana Muda) FKAAS 2017-2019
2017	Lantikan JK Pengajian Siswazah FKAAS 2017-2019
2017	Lantikan JK Pengurusan Aset FKAAS 2017-2019
2017	Lantikan JK Perundingan dan Inovasi FKAAS 2017-2019
2017	Lantikan JK Perundingan FKAAS 2017-2019
2017	Lantikan JK Penerbitan Ilmiah FKAAS 2017

B. SUPERVISIONS

i. BACHELOR'S DEGREE THESIS / PROJECT PAPERS

1. Arman Safawi (2004): Solid Waste Generation at Taman Soga, Batu Pahat
2. Khadijah@Liza Sulaiman (2004): Study of Raw Water Quality at Bekok and Sembrong River.
3. Syahbrina Osin (2004): Study of Microorganism on Water Supply Distribution at KUITTHO
4. Hafiz Kamaludin (2005) : Study on Sullage at Pt. Raja Residential Area
5. Siti Hasliza Binti Abdul Rashid (2005) : Removal of Pb and Zn of Aqueous Mixture By Coagulation-Flocculation Method
6. Norasyikin Md. Nanyan (2005): Removal of Reactive Dye from Textile Industrial Wastewater by Coagulation-Flocculation Method.
7. Ili Syazwani Ishak (2006): PM 10 and Toxic Gases Study in KUITTHO Campus.
8. Anuar A. Rahman (2006): Heavy Metals in Air Particulate in KUITTHO Campus.
9. Mohd. Arif Abdullah (2006): PM 2.5 and PM 10 Particulate Concentration in KUITTHO Campus.
10. Mohd. Zamri Jamaluddin (2007). The Study of Greywater Qualities from Two Residential Areas.
11. Mohd. Hafiy Mohamed Talha (2012). A Study on the Quality of Water in UTHM Lake using Sugarcane Bagasse as the Main Filter.
12. Mohammad Ashraf bin Mohammad Alias (2012). A Study on the Quality of Water in UTHM Lake using Kenaf as the Main Filter.
13. Mohd Asraf Saifullah Bin Belkhaini (2012). Study On Concentration Of Fine Particulate Matter (PM_{2.5}) In Uthm Campus By Using E-Sampler.
14. Ahmad Faizol Hakim Bin Abd Rahim (2012). Study the Concentration of Toxic Gases in UTHM Campus.
15. Nik Mohd Shahrul Nizam Bin Nik Ab Wahab (2012). Particulate Matter (PM10) of the Ambient Air in UTHM Campus.
16. Nor Hafizan bin Abd Wahab (2012). Constructed Wetland by using Typha Angustifolia for greywater treatment.
17. Nurul Fatimah Binti Sidek (2012). A Survey of Air Quality Levels in UTHM Campus.
18. Nur Farhana bt Mohd Zaharon (2012). Constructed Wetland of Recycling Greywater For Plant Irrigation In Residential House at Taman Universiti, Parit Raja, Batu Pahat.

19. Mohd. Suhairi Jusof (2013). Kajian Mengenai Kepekatan 'Particulate Matter' (PM₁₀) dan Kepekatan Gas-Gas Toksik Ambien Udara di Kawasan Kampus UTHM, Johor.
20. Mohd Izumuddin Bin Jamian (2013). Suitability of Peat Soil as a Filter Media for Synthetic Mixed Greywater.
21. Mohd Azarudin B. Mat Yasin (2013). Suitability of Peat Soil as Filter Media for Synthetic Kitchen Greywater.
22. Mohamad Haziq bin Senin (2013). Establishment of a Peat-Based Organic Filter Media for Treating Bathroom Greywater.
23. Nur Shuhaida Kamis (2013). Establishment Peat Based Organic Filter Media for Treating Greywater from Laundry. (Co-Supervisor)
24. Hasyimah binti Ghani (2013). Peat Soil as Filter Media for Treating Raw Kitchen Greywater.
25. Nor Sakinah Binti Mohamad (2013). Peat Soil as Filter Media for Treating Raw Greywater.
26. Nurul Azma Bt Harun (2013). On-Site Constructed Wetland for Greywater Treatment.
27. Mohd Sofie Bin Sufian (2013). On-Site Mini Constructed Wetland for Kitchen Greywater Treatment at One Unit Residential: Physical Parameter.
28. Siti Solehah binti Mohd Hadzri (2013). On-Site Mini Constructed Wetland for Kitchen Greywater Treatment at One Unit Residential: Chemical Parameter.
29. Siti Asmah Binti Lokman Halim (2013). The Performance of Mini Constructed Wetland for Kitchen Greywater Treatment at One Residential House: Biological Parameter.
30. Siti Zaidah Mustapha (2013). A Comparison of Indoor and Outdoor Particulate Matter (PM₁₀) in UTHM Campus Area.
31. Wan Asma binti Wan Mohamad Apandi (2014). Application of *Scenedesmus Spp.* Microalgae in Treating Wet Market Wastewater.
32. Ramlah binti Buyong (2014). The Effectiveness of Microalgae *Scenedesmus Spp.* for Primary Wastewater Treatment Plant, UTHM.
33. Mohd Hafizi Azlan (2014). Simple Greywater Treatment System for Individual Village House.
34. Mohamad Farid Bin Othman (2014). Feasibility of Using Natural Media (Clamshell, Steel Slag, Limestone and Sand) to Treat Greywater from Community Village Houses.
35. Mohamad Nazmi Bin Adnan (2014). Treatment of Ablution Water for Possible Reuse.
36. Mohd Arief Bin Mohamed (2014). Estimation of Ablution Water Quantity and Their Reuse Potential to Achieve Water Saving Benefits.
37. Nur Faeza Binti Abdul Rahman (2014). Performance of Different Types of Coagulant in Treating Car Wash Wastewater.
38. Intan Nabila Azman (2014). An Analysis on the Concentration of PM₁₀ in UTHM Campus Area Using R Software.
39. Farah Hanim Binti Che Aziz (2014). Concentration and Distribution Analysis of Heavy Metals in Ambient Air.
40. Nadira Mariam Binti A. Ibrahim Kutty (2014). Performance of Different Type of Coagulant in Treating Car Wash Wastewater for Environmental Conservation.
41. Norshazana Wahida Binti Wahab Suuni (2015). Elements Removal from Artificial Bathroom Greywater By Using Microalgae *Botryococcus Sp.*
42. Suriani Binti Sharuddin (2015). Nutrients Removal from Artificial Bathroom Greywater By Using Microalgae *Botryococcus Sp.*
43. Wan Asimah Bt Wan Omar (2015). Effect of Bathroom Greywater Discharge on Soil Properties.
44. Muhammad Afaiz Bin Abdul Rahman (2015). Efficiency of Car Wash Wastewater Treatment System (Co-Supervisor).
45. Nurul Ainee Binti Nor Rahman (2015). The Efficiency of Laundry Wastewater Treatment: Comparison between the Natural and Commercial Coagulant (Co-Supervisor).
46. Mohd Fahira Bin Mohd. Ali Baba (2015). PM₁₀ Determination in University Residential College Around Industrial Area by Using the R-Packages Software.
47. Hafizah Binti Hadi (2015). Removal of Nutrients in Meat Processing Industry by Using Microalgae *Scenedesmus Sp.*
48. Wong Kok Yaw (2015). Study of Nutrients Removal in Public Wet Market Wastewater by using Microalgae *Scenedesmus Sp* and *Botryococcus Sp.*
49. Jackson Anak Miaw (2015). Multi Natural Filter for Domestic Greywater for Community Village Houses.
50. Fahimah Binti Hashim (2015). Determination of Toxic Gaseous in University Residential College Area by Using R-Package Software.

51. Desmond Douglas (2015). Removal of Heavy Metals in Public Market Wastewater by Using Microalgae *Botryococcus Sp* and *Scenedesmus Sp*.
52. Vikneswara Abirama Shanmugan (2015). Removal of Nutrients from Meat Food Processing Industry Wastewater by Using Microalgae *Botryococcus Sp*.
53. Nur Azimah Binti Salehuddin (2016). Utilisation of Bathroom Greywater for Nutrient Removal by Microalgae *Botryococcus Sp*.
54. Lee Yong Kiang (2016). Assessment Level of Heavy Metals at Parit Raja. Thesis BEng Civil. (Co-SV)
55. Norshila Md Yaakub (2016). Study on Effect of Rainwater Infiltration and Fertilizer to Solidified Peat: Chemical Analysis.
56. Farah Nuramalina Binti Mohamad Dahlan (2016). Phycoremediation of Meat Processing Wastewater by Using *Scenedesmus Sp*.
57. Nur Farahanim Bt Mohd. Rozlan (2016). Biomass Quality from Phycoremediation of Wet Market Wastewater.
58. Haritharan A/L Maniam (2016). Biomass Recovery from Phycoremediation of Wet Market Wastewater by using Flocculation Method.
59. Siti Nurbaizzatul Solehah Bt Abd Rahim (2016). Availability of *Scenedesmus Sp*. to Phycoremediation Public Market Wastewater.
60. Siti Nor Hidayah Binti Arifin (2016). Toxicity Assessment of Biomass Quality Derived from the Phycoremediation of Wet Market Wastewater.
61. Muhammad Irsyaduddin Bin Hasbollah (2016). Physico-Chemical and Biological Properties of Peat at All Decomposition Levels.
62. Muhammad Shabery bin Sainudin (2017). Bathroom Greywater Quality and its Treatment by Using Ceramic Filter in Houses.
63. Nur Izzati Binti Mohd. Fadil (2017). Determination of Heavy Metals Concentration in the Ambient Air in the Campus Area near the Industries.
64. Norehan Rohaizad Binti Ismail (2017). Effects of Direct Discharge of Domestic Greywater to Nearby Water Body.
65. Ayu Zulaikha Binti Yahya (2017). Domestic Greywater System Treatment (DGST) by Using Used Ceramic Filtration in Village Houses.
66. Welfrad Anak Ngokiew (2017). In-House Pretreatment Method of Fat, Oil and Grease (FOG) Trap for Kitchen Wastewater.
67. Saidatul Munirah Hassan (2017). Site Investigation of Domestic Greywater Discharge Practices in Village Houses.
68. Supervisor for Nurul Fadilah Binti Mohd Saupi (2018). Ablution Water Treatment by Solar Disinfection (SoDis). Thesis BEng (Civil), UTHM.
69. Supervisor for Mohd Shauqi Lutfi bin Ahmad (2018). Feasibility of Ceramic Waste as Coarse Aggregate for Treating Laundry Greywater. Thesis BEng (Civil), UTHM.
70. Supervisor for Liew Yung Shen (2018). Laundry Greywater Physiochemical and Xenobiotic Organic Compound Removal by Solar Water Distillation. Thesis BEng (Civil), UTHM.
71. Supervisor for Farhain Binti Jamaludin (2018). Solar Water Distillation to Remove Physiochemical and Xenobiotic Organic Compound (XOCs) in Bathroom Greywater. Thesis BEng (Civil), UTHM.
72. Supervisor for Nor Ayuni Bt Anuwar (2019). Heavy Metal Removal using Ceramic Sanitary Ware Waste for Laundry Greywater. Thesis BEng (Civil), UTHM.
73. Supervisor for Ng Kah Mun (2019). Phytoremediation Efficiencies of *Spirodela Polyrhiza* and *Brassica Oleracea* in Removing Nutrients from Treated Sewage Treatment. Thesis BEng (Civil), UTHM.
74. Supervisor for Juliza Binti Abu Bakar (2019). Efficiency of Biofringe Fibre - Sequencing Batch Reactor (BF-SBR) Treatment on the Physiochemical of Chicken Slaughterhouse Wastewater Treatment. Thesis BEng (Civil), UTHM.
75. Co Supervisor for Neo Zhi Zing (2018). Determination of Physiochemical Properties of Formulated Fish Feed Supplemented with Microalgae from Bioremediation Process. Thesis BSc, Faculty of Applied Sciences and Technology (FAST) UTHM.
76. Supervisor for Nik Muhammad Aliff Bin Azmi (2019). The Feasibility of Using TiO_2 Nanotubes for Photocatalytic Degradation in Laundry Greywater. Thesis BEng (Civil), UTHM
77. Supervisor for Muhammad Asyraf Zulkifli (2019). Nitrification in Fixed Bed Sequencing BioReactor for Treating Seafood Processing Wastewater. Thesis BEng (Civil), UTHM
78. Supervisor for Noradilah Binti Sayon (2020). The Feasibility of Bio- Electrochemical Systems in Removing Pollutants from Domestic Wastewater Effluent. Thesis BEng (Civil), UTHM

79. Supervisor for Mohd Shafiq Bin Fauzi (2020). Enhancement of Domestic Wastewater Effluent Quality By Using Multi-Layer Materials Constructed Wetlands (MLCWs). Thesis BEng (Civil), UTHM
80. Supervisor for Nurul Farhana Binti Mahadi (2020). Efficiency of Stainless-Steel Scrubber in Microbial Fuel Cells in Removing Chicken Slaughterhouse Wastewater. Thesis BEng (Civil), UTHM
81. Supervisor for Nur Aqilah Izdihari Binti Azmi (2020). Adsorption Efficiency of Heavy Metal Removal Using Chitosan and Ceramic Sanitary Ware Waste Adsorbents. Thesis BEng (Civil), UTHM
82. Supervisor for Sarah Mohd. Sidin (2021). Potential Studies of Permeable Concrete with Palm Oil Fuel Ash (POFA) in Treating Laundry Greywater. Thesis BEng (Civil), UTHM
83. Supervisor for Rohaini Binti Sakinam@Jamil (2021). Influence of Rice Husk Ash Properties on Kitchen Wastewater Runoff by Permeable Concrete. Thesis BEng (Civil), UTHM
84. Supervisor for Nurul Syakila Binti Nasaruddin (2021). Optimization of Activated Carbon Coconut Shell (ACCS) and Banana Trunk Fiber as Biofilter for Kitchen Wastewater Treatment. Thesis BEng (Civil), UTHM
85. Supervisor for Siti Nasihah Binti Ramdzan (2021). Pre-Treatment of Laundry Greywater Using Steel Slag for Safe Disposal. Thesis BEng (Civil), UTHM
86. Supervisor for Siti Nur Ezianie Binti Mohamad A'ashri (2021). Investigation of Macrophyte in Village Drainage Ditch for Bioproduct Potential. Thesis BEng (Civil), UTHM
87. Supervisor for Wong Wei Quan (2022). Green Synthesis of Zinc Oxide Nanoparticles (ZnO) from *E. Dulcis* Aquatic Grass for Photocatalytic Degradation of Textile Wastewater. Thesis BEng (Civil), UTHM
88. Supervisor for Muhammad Thaqif bin Mohd Zailan (2022). Influence Of Mixing Speed And Contact Time On The Optimization Of The Removal Of Cfx Antibiotics In Aqueous Solution Using Eco-Waste Derived Zinc Oxide- Graphene Oxide. Thesis BEng (Civil), UTHM
89. Supervisor for Nur Arina Ezzati Abd Razak (2022). Optimization of *Chlorella* Sp. and *Spirulina* Sp. Cultivation in Secondary Treated Wastewater Effluent for Biofertilizer. Thesis BEng (Civil), UTHM
90. Supervisor for Ee Wen Kai (2022). The Efficiency of Eco-Zinc Oxide-Graphene Oxide (Eco-ZnO/GO) From Green Synthesis of *Musa Acuminata* Peels for Removal of Cephalexin (CFX) Antibiotic in Water. Thesis BEng (Civil), UTHM
91. Supervisor for Muhammad Eizwan Safuan (2022). The Efficiency of Eco-Zno from *Eichhornia Crassipes* for Inactivating Pathogenic Bacteria in Greywater. Thesis BEng (Civil), UTHM
92. Supervisor for Muhammad Faizal Zainuddin (2022). Influence of pH, Contact Time and Initial Concentration to the Removal of CFX Antibiotics in Aqueous Solution Using Eco-Waste Derived Zinc Oxide-Graphene Oxide. Thesis BEng (Civil), UTHM
93. Supervisor for Siti Hanisah Mustafa Kamal Basha (2022). Reusability of Oil Palm Empty Fruit Bunches (EFB) Waste with Tapioca Starch for Polymer-Based Agriculture Application: A Preliminary Study. Thesis BEng (Civil), UTHM
94. Supervisor for Nurul Batrisyia Abdull Rahman (2022). Optimization of *Chlorella* sp and *Spirulina* sp Cultivation in Urea Enriched Secondary Treated Wastewater Effluent for Biofertilizer. Thesis BEng (Civil), UTHM

FINAL YEAR PROJECT SUPERVISION = 94 STUDENTS

ii. MASTER OF COURSEWORK (PROJECT DISSERTATION SUPERVISION)

AS MAIN SUPERVISOR:

1. Gazala Sanusi Misbah (2013): Plastic Recycling of HDPE and PET: People Awareness and Mechanical Testing.
2. Mohammed Sani Yusuf (2013): Mitigating Impact of Solid Waste in Parit Raja Municipality.
3. Wurochekke Anwaruddin Ahmed (2013): PET Plastic Recycling: People Awareness and its Energy Recovery Potential.
4. Paran Anak Gani (2014): The Production of Biofuel from Microalgae after Phycoremediation of Domestic Wastewater (Co-Supervisor).
5. Najeeha Binti Mohd. Apandi (2014): Phytoremediation and Wastewater Treatment of Food Stall Wastewater Using Microalgae *Scenedesmus* Spp.
6. Madihah Binti Md Salleh (2014): Phycoremediation and Wastewater Treatment of Microalgae *Scenedesmus* Spp. from Domestic Wastewater.
7. Noor Maisara Binti Jais (2014): Wet Market Wastewater Phytoremediation by Microalgae *Scenedesmus* Spp.

8. Aznin Syazana Binti Suhadi (2016): Removal of Metals by Using Botryococcus Sp. Through Phycoremediation of Bathroom Greywater.
9. Wan Hasila Binti Abu Hasan (2016): Nutrient Removal from Bathroom Greywater Using Microalgae Botryococcus Sp.
10. Fatin Sakinah Binti Zulkifli (2016). The Growth of Microalgae Scenedesmes Sp. By Using Public Market Wastewater.
11. Nur Razleen Binti Idrus (2016). The Influence of Microbial Activity during Phycoremediation of Public Market Wastewater.
12. Asma' Binti Budin (2017). Batch Kinetics of Nitrate and Orthophosphate Removal from Wet Market Wastewater by Scenedesmus Sp.
13. Ali Hamid Mohamed Hauashdh (2017). Physical Modeling on Environmental Effects to Solidified Hemic Peat. Thesis MEng Civil, UTHM.
14. Aisha A.Amhimmid AlQantosh (2018). The Efficiency of Phycoremediation on Different Concentration of Public Market Wastewater based on Microalgae Scenedesmus Sp. Thesis MEng (Civil), UTHM.

THESIS MASTER (COURSEWORK PROJECT) SUPERVISION = 14 STUDENTS

AS CO-SUPERVISOR:

1. Paran Anak Gani (2014): The Production of Biofuel from Microalgae after Phycoremediation of Domestic Wastewater (Co-Supervisor).
2. Muhammad Ismail Bin Jaafar (2016): Relationship between PM10 Concentration and Meteorological Parameters in UTHM (Co-Supervisor).
3. Ahmad Fauzi Bin Raffee (2016): Time Series of PM10 Concentration at Parit Raja Residential Area. (Co-Supervisor)
4. Al-Fituri Ibrahim Abdullah Abu Ala (2018). Optimization of Phycoremediation Treatment and Microalgae Biomass Production in Wet Market Wastewater. Thesis MEng (Civil), UTHM. (Co-Supervisor)
5. Zubaidah Binti Md Saleh (2018). Determination of Optimum Dosage of Effective Microorganism (EM) and Temperature for Good Organic Fertilizer Production. Thesis MEng (Civil), UTHM (Co-Supervisor).
6. Abdulrahman Ahmed Mohammed Ali (2019). Photocatalytic Degradation of Bathroom Greywater using Nanoparticles for Safe Disposal. Thesis MEng (Civil), UTHM. (Co-Supervisor)
7. Mohammed Nasser Ali Al-Sahari (2019). Inactivation of Harmful Algae Bloom in Freshwater using Algicidal Bacteria. Thesis MEng (Civil), UTHM. (Co-Supervisor)
8. Abdelrahman Mohamed Elkahki (2019). Inactivation of Harmful Algal Bloom in Freshwater using Schizophyllum Commune. Thesis MEng (Civil), UTHM. (Co-Supervisor)
9. Hasan Shaheed Hameed (2019). Optimization of Coagulation and Flocculation Process of Dye Effluent Treatment Using Polyaluminium Chloride. Thesis MEng (Civil), UTHM. (Co-Supervisor)
10. Alaa Fahad (2019). Effects of Different Loading of Domestic Wastewater Treatment through Multi-Layer Artificial Wetland. Thesis MEng (Civil), UTHM. (Co-Supervisor)
11. Yaseen Naji Ali (2019). Removal of Suspended Solids and Organic Matter in Wet Market Wastewater by Using Bio Fringe-Sequencing Batch Reactor. Thesis MEng (Civil), UTHM. (Co-Supervisor)
12. Mohanad Jawad Abbas (2019). Efficiency of Iron Chloride in Coagulation-Flocculation for the Treatment of Dye Waste. Thesis MEng (Civil), UTHM. (Co-Supervisor)

THESIS MASTER (COURSEWORK PROJECT) AS CO-SUPERVISOR = 12 STUDENTS

iii. MASTER BY RESEARCH (GRADUATED)

AS MAIN SUPERVISOR:

1. Hauwa Maijidda Atiku (2016). Harvesting of Microalgae Botryococcus Sp. Through Phycoremediation of Bathroom Greywater, M.Eng (Research) Thesis, UTHM.
2. Vikneswara Abirama Shanmugan (2017). Phycoremediation of NH₄ and PO₄ from Meat Processing Wastewater by using Microalgae Botryococcus Sp. Thesis MEng Civil (By research), UTHM.
3. Rosmawanie Binti Mohd. Radzuan (2018). Efficiency of Natural Coagulants for Treatment of Public

- Market Wastewater. Thesis MEng (Civil), UTHM
4. Nor Fadzilah Binti Pahazri (2018). A Study on Strychnos Potatorum and Pisum Sativum as Natural Coagulants for Meat Food Processing Wastewater. Thesis MEng (Civil), UTHM
 5. Maizatul Azrina Binti Yaakob (2018). Dual Roles of Phycoremediation: Chicken Slaughterhouse Wastewater Treatment and Biomass Production. Thesis MEng (Civil), UTHM.
 6. Mohd. Safwan Miswan (2020). Aquaponic Biofilter System using Heliconia Sp. for Ammonia Removal in Lake. Thesis MEng (Civil), UTHM
 7. Ahmad Abduhafid M Elfaghi (2022). On-going

THESIS MASTER (RESEARCH) AS MAIN SUPERVISOR = 6 STUDENTS

AS CO-SUPERVISOR:

1. Noorain Binti Suhani (2017). Kitchen Wastewater Treatment by Adsorption Process using Banana Trunk Fibers (Musa Sapientum) and Chitosan. Master of Civil Eng (Research). UTHM.
2. Syafik Akmal Bin Mohd. Tajuddin (2019). Effect of Peat Solidification on Macronutrients in Soil associated with Palm Oil Plantation Peat Area. Thesis Master MEng (Civil) Research, UTHM
3. Athirah Arifin (2019). Assessment of the Effects of Greywater Discharged by using Streeter-Phelps Model. Thesis MEng (Civil), UTHM
4. Salah Saleh Mubarak (2020). Green Synthesis, Characterization and Laser Irradiation of Silver Nanoparticles and its Bimetallic Nanoparticles. Thesis MSc (Science), UTHM.
5. Nur Syafira A. Razak@Aziz (2021). Study on the Performance of Different Slope Inclination of Vegetated Roof. Thesis MEng (Civil), UTHM

THESIS MASTER (RESEARCH) AS CO-SUPERVISOR = 5 STUDENTS

iv. PHD THESIS (GRADUATED)

AS MAIN SUPERVISOR:

1. Wurochekke Anwaruddin Ahmed (2017). Phycoremediation of Artificial Bathroom Greywater in Village Houses using Microalgae Botryococcus Sp. PhD. UTHM.
2. Nur Atikah Ahmad Latiffi (2018). Phycoremediation of Meat Processing Wastewater using Microalgae Scenedesmus Sp. PhD. UTHM.
3. Najeeha Mohd. Apandi (2019). Phycoremediation of Wet Market Wastewater using Microalgae Scenedesmus sp. with Biomass Production, UTHM.
4. Noor Maisara Jais (2019). Microalgae Scenedesmus sp. Bioreactor for Removal of Nutrients and Organic Contents from wet market wastewater, UTHM.
5. Junita binti Abd Rahman (2021). Chemical and Biological Reactions of Solidification of Peat Using Ordinary Portland Cement (OPC) and Coal Ashes, PhD Thesis in Civil Engineering, UTHM
6. Siti Nor Hidayah Arifin (2022). Photocatalytic Degradation Of Triclocarban In Artificial Bathroom Greywater By Modified TiO_2 Nanotubes Coated With Zeolite (TNTs/Zeo), PhD Thesis in Civil Engineering, UTHM

THESIS PhD (RESEARCH) AS MAIN SUPERVISOR = 6 STUDENTS

AS CO-SUPERVISOR:

1. Yashni Gopalakrishnan (2021). Solar Photocatalytic Degradation of Basic Red 51 in Hair Dye Bathroom Greywater using Zinc Oxide Nanoparticles Synthesized with Coriandrum Sativum Leaf Extract, PhD Thesis in Civil Engineering, UTHM
2. Efaq Ali Noman (2021). Peatland Fungi: Identification, Application, In Dye Decolourization and Bacterial Inactivation in Greywater. PhD Thesis in Science, UTHM

THESIS PhD (RESEARCH) AS CO-SUPERVISOR = 2 STUDENTS

v. POST DOCTORAL

AS MAIN SUPERVISOR FOR:

1. Dr Muhanna Mohammed Ahmed Al-Shaibani, 1 September 2020 to 1 March 2022.
2. Dr Adel Ali Saeed Abdul Al-Gheethi, 2 August 2015 – 2 August 2017.
3. Dr Efaq Ali Noman Mohammed , 1 September 2022 to 1 September 2024

POST DOCTORAL FELLOW = 3 STAFFS

v. INTERNSHIP STUDENT

AS MAIN SUPERVISOR:

1. Supervisor for Internship Student; Qurratu Ain Amanina Binti Abd Moin, Sarjana Muda Sains (Kepujian) Mikrobiologi Gunaan, Universiti Teknologi MARA Shah Alam, 3 October 2022 to 13 January 2023
2. Supervisor for Internship Student; Ahmed Abdinasir Hassan, Faculty of Civil Engineering and Built Environment, 31 July 2022 to 30 September 2022
3. Supervisor for Internship Student; Ahmed Abdinasir Hassan, Faculty of Civil Engineering and Built Environment, 31 July 2022 to 30 September 2022
4. Supervisor for Internship Student; Sulaiman Abdirashid Abi, Faculty of Civil Engineering and Built Environment, 31 July 2022 to 30 September 2022
5. Supervisor for Internship Student; Abdiaziz Ahmed Warsame, Faculty of Civil Engineering and Built Environment, 31 July 2022 to 30 September 2022
6. Supervisor to Internship Student, Chen Jia Wei, July to October 2021
7. Supervisor to Internship Student, Sum Winky, July to October 2021
8. Supervisor to Internship Student, Nur Nadia Zakaria, July to October 2018

INTERNSHIP SUPERVISION = 8 STUDENTS

C. TEACHING ACTIVITIES

i. MASTER/ DEGREE / DIPLOMA

YEAR/SEMESTER	SUBJECT	PROGRAMME/LEVEL
2011/2012, Sem 1 and 2 2013/2014, Sem 1 and 2 2014/2015, Sem 1 and 2 2015/2016, Sem 1 2016/2017, Sem 1 2020/2021, Sem 1 and 2	Environmental Management, MFA 10503 UTHM	Civil Engineering (Master)
2011/2012, Sem 1 2012/2013, Sem 1 2013/2014, Sem 1 and 2 2014/2015, Sem 1 and 2	Environmental Management, BFC 4013, UTHM	Civil Engineering (Degree)
2011/2012, Sem 1 2013/2014, Sem 1 2014/2015, Sem 1, 2 and 3 2015/2016, Sem 2 2015/2016, Sem 1 and 2 2016/2017, Sem 1 and 2	Nature Conservation, BFC 10202, UTHM	Civil Engineering (Degree)

2017/2018, Sem 1 and 2 2018/2019, Sem 1 and 2		
2019/2020, Sem 1 2022/2023 Sem 1	Creativity & Innovation, BFC 23702, UTHM	Civil Engineering (Degree)
2015/2016, Sem 2	Air Pollution Engineering, MFE 10102, UTHM	Civil Engineering (Master)
2006/2007, Sem 1	Engineering Economy, BFC 4013, UTHM	-
2006-2007 2012/2013, Sem 2 2013/2014, Sem 2 2014/2015, Sem 1 2015/2016, Sem 1 and 2 2019/2020, Sem 1 and 2 2020/2021, Sem 1 and 2 2021/2022, Sem 1 and 2	Environmental Engineering, BFC 3103/BFC 32403, UTHM	Civil Engineering (Degree)
2005/2006, Sem 1	Facilitator Problem Based Learning on Solid Waste Management BKA 4343, UTHM	Civil Engineering (Degree)
2005/2006, Sem 1	Environmental Design, BKA 5343, UTHM	Civil Engineering (Degree)
2004-2007 2011/2012, Sem 1 2012/2013, Sem 2 2013/2014, Sem 1 and 2 2016/2017, Sem 2 2017/2018, Sem 2 2021/2022, Sem 2	Environmental Engineering Lab demonstrator, BFC 32501, UTHM	Civil Engineering (Degree)
2012/2013, Sem 2 2022/2023, Sem 1	Solid Waste Engineering, MFE 10403, UTHM for offshore program Master	Civil Engineering (Master)
2011/2012, Sem 2 2015/2016, Sem 2 2018/2019 Sem 1	Air Pollution Engineering, MFE 10103, UTHM	Civil Engineering (Master)

D. THESIS EXAMINER

i. PhD THESIS EXTERNAL EXAMINER

NO	ROLE	CANDIDATE/PROGRAMME	UNIVERSITY	DATE OF VIVA VICE
1	External	Mohamad Taisir Bin Abdullah, PhD in Mechanical Engineering	Sekolah Kejuruteraan Mekanikal, Fakulti Kejuruteraan	16 May 2022
2	External	Aiban Abdulhakim Saeed Ghaleb (17004546), PhD in Civil Engineering	Civil Environmental Engineering Department, Universiti Teknologi PETRONAS	1 Mac 2022

3	External	Siti Aisyah Ishak, Thesis PhD Civil Engineering	Pusat Pengajian Kejuruteraan Awam, Universiti Sains Malaysia (USM)	15 June 2021, via Webex online
4	External	Mahalakshmi Devi B, PhD Thesis in Science	Bharathiar University, India	10 January 2020
5	External	Zummy Dahria Binti Mohamed Basri, PhD in Civil Engineering	Faculty of Civil Engineering, Universiti Teknologi Mara, Malaysia	22 October 2019

EXTERNAL EXAMINER FOR PhD THESIS = 5 STUDENTS

ii. PhD THESIS INTERNAL EXAMINER

NO	ROLE	CANDIDATE/PROGRAMME	UNIVERSITY	DATE OF VIVA VICE
1	Internal	Baharin Ahmad (GF140072), PhD in Civil Engineering	Faculty of Civil Engineering and Built Environment, Universiti Tun Hussein Onn Malaysia (UTHM)	8 November 2021
2	Internal	Internal Examiner for Ahmad Fauzi Rafee (GF160109), Thesis PhD Civil Engineering	Faculty of Civil Engineering and Built Environment, Universiti Tun Hussein Onn Malaysia (UTHM)	1 April 2021
3	Internal	Siti Nor Aishah binti Mohd Salleh, Thesis PhD Civil Engineering	Faculty of Civil Engineering and Built Environment, Universiti Tun Hussein Onn Malaysia (UTHM)	12 October 2020
4	Internal	Er Chin Ming, PhD Thesis in Engineering Technology	Faculty of Engineering Technology, UTHM	17 August 2018
5	Internal	Shahril Effendi A. Rahman (2018), PhD in Civil Engineering	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia (UTHM)	1 December 2018

INTERNAL EXAMINER FOR PhD THESIS = 5 STUDENTS

iii. MASTER THESIS EXTERNAL EXAMINER

NO	ROLE	CANDIDATE/PROGRAMME	UNIVERSITY	DATE OF VIVA VICE
1	External	Nur Zulaikha Binti Yaakub,	Thesis Master of Civil Engineering, Universiti Teknologi Malaysia (UTM)	26 April 2022
2	External	Tan Si Li (GS51687), Thesis Master of Science	Faculty of Agriculture, Universiti Putra Malaysia (UPM)	14 October 2021, Zoom

3	External	Sam Le A/P Eh Kan, Thesis Master Environmental Engineering,	Fakulti Teknologi Kejuruteraan Awam, Universiti Malaysia Perlis (UniMAP),	22 April 2021
4	External	Chin Sze Yee (P3754), Thesis Master of Science,	Institut Akuakultur Tropika dan Perikanan, Universiti Malaysia Terengganu (UMT)	24 June 2021
5	External	Amir Hariz Bin Amran, Thesis Master Civil Engineering	School of Civil Engineering, Universiti Teknologi Malaysia (UTM),	22 January 2020
6	External	Nurul Nadiah Binti Mohd. Azme, Thesis Master Civil Engineering	Pusat Pengajian Kejuruteraan Awam, Universiti Sains Malaysia (USM),	8 January 2020
7	External	Noor Atiqah Zuraini, Thesis Master Civil Engineering,	School of Civil Engineering, Universiti Teknologi Malaysia (UTM)	13 August 2020
8	External	Noorazilah Binti Haris (GSK2909), Thesis Master,	Institut Akuakultur Tropika dan Perikanan, Universiti Malaysia Terengganu (UMT)	15 December 2019

EXTERNAL EXAMINER FOR MASTER THESIS = 8 STUDENTS

iv. MASTER THESIS INTERNAL EXAMINER

NO	ROLE	CANDIDATE/PROGRAMME	UNIVERSITY	DATE OF VIVA VICE
1	Internal	Zarina binti Shahri (2016). Development of an Environmental Management Framework for Sustainable Reuse of Malaysian dredged Marine Sediments	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia (UTHM)	11 Feb 2016
2	Internal	Nur Failah Mat Daud (2016) Treatment of Chicken Processing Wastewater using Hybrid Upflow Anaerobic Sludge Blanket Coupled with Aerated Lagoon.	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia (UTHM)	21 July 2016
3	Internal	Onalo Joan Iye (2015): Bioremediation of Heavy Metal Polluted Water Using Immobilised Botryococcus Sp., A Freshwater Green Microalga.	Faculty of Science, Universiti Tun Hussein Onn Malaysia (UTHM)	8 April 2015
4	Internal	Mohd. Zainuri Mohd. Hatta (2014). Investigation of organic composition of potential plants as alternative fibre in paper making industry	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia (UTHM)	1 September 2014
5	Internal	Syazwani bte Mohd. Asharuddin (2014). Optimization of Biosorption Process Using Cucumis	Faculty of Civil and Environmental Engineering, Universiti Tun	2014

		Melo Rind for the Removal of Fe, Mn and Pb Ions from Groundwater	Hussein Onn Malaysia (UTHM)	
--	--	--	-----------------------------	--

INTERNAL EXAMINER FOR MASTER THESIS = 5 STUDENTS

D. RESEARCH RECORDS

i. AS PROJECT LEADER/PRINCIPAL

NO.	RESEARCH GRANT / ROLE	PERIOD / STATUS	TYPE / REFERENCE	AMOUNT
1.	Optimization Study of Decolouring Agent Formulation for Efficiency of the Coloured Wastewater Treatment Project Leader: Radin Maya Saphira	01-12-2022 to 30-11-2023	Industry (M121)	RM 10,000.00
2.	Cephalexin Antibiotic From Non-clinical Environments Degradation Using Eco-zno/natural Rubber/graphene Nanocomposite For Effluents Safe Disposal Project Leader: Radin Maya Saphira	07-09-2021 to 06-09-2024 (on-going)	FRGS (K401)	RM 108,759.00
3.	Circular Economy Through Biological Domestic Wastewater Treatment And Resource Recovery Project leader: Radin Maya Saphira	01-01-2021 to 30-12-2022 (on-going)	Konsortium Kecemerlangan Penyelidikan (KKP) (K348)	RM 93,100.00
4.	Photocatalysis Of Antibiotic Resistant Bacteria in Prawn Farm Wastewater Using Zno Nanoparticles Project leader: Radin Maya Saphira	01-07-2020 to 31-12-2021 (on-going)	GPPS (H637)	RM 21,600.00
5.	Kajian Penilaian Alam Sekitar Untuk Parlimen Simpang Renggam Project leader: Radin Maya Saphira (01-01-2019 until 01-06-2020)	01-01-2019 to 01-01-2021 (on-going)	Industrial Grant (M003)	RM 50,000.00
6.	An Insight Of Xenobiotic Organic Compounds (XOCs) Degradation In Greywater Via Photocatalytic Enhancement For Water Resources Protection Project leader: Radin Maya Saphira	01-01-2019 to 31-05-2021 (Completed)	FRGS (K090)	RM 95,800.00

7.	River Water Quality Assessment At Sungai Benut In Simpang Renggam, Johor Project leader: Radin Maya Saphira	01-02-2019 to 01-02-2020 (completed)	Contract Grant UTHM (H377)	RM 30,000.00
8.	Microalgae Bio-Product from Phycoremediation of Different Wastewaters as Fish Feed Project leader: Radin Maya Saphira	31-05-2017 to 31-08-2019 (completed)	EScience Fund (S029)	RM 152,250.00
9.	Multi-component Filters For Domestic Gray Water Treatment In Village Houses Project leader: Radin Maya Saphira	15-11-2016 to 15-04-2019 (completed)	IGSP (U682)	RM 10,000.00
10.	The influence of Industrial Activities on the Level of Ambient Air Quality in UTHM Campus Project leader: Radin Maya Saphira	15-06-2015 to 15-12-2017 (completed)	Contract Grant UTHM (U396)	RM 30,000.00
11.	Social Responsibility Engagement Program in Teaching & Learning: Towards Enhancement of Environmental Awareness to Young Children Project leader: Radin Maya Saphira	1-12-2014 to 31-12-2015 (completed)	Contract Grant P&P UTHM (U230)	RM 5,000.00
12.	Keberkesanan Bioserat Batang Pisang (Musa Sapientum) Untuk Mengolah Air Kelabu (Grey Water) Project leader: Radin Maya Saphira	01-05-2014 to 31-10-2015 (completed)	GIPS (U031)	RM 19,500.00
13.	Harvesting Of Wet Market Wastewater By Using Microalgae For Potential Bioproduct Project leader: Radin Maya Saphira	01-05-2015 to 31-07-2016 (completed)	GIPS (U267)	RM 15,550.00
14.	Harvesting Of Meat Processing WasteWater By Using Micoalgae For Potential Bioproduct Project leader: Radin Maya Saphira	01-05-2015 to 31-07-2016 (completed)	GIPS (U268)	RM 15,550.00
15.	Wet Market Wastewater Phycoremediation by Microalgae Scenedesmus spp and Botryococcus sp. and Its Potential Harvesting Bioproducts Project leader: Radin Maya Saphira	01-05-2014 to 31-09-2016 (completed)	GIPS (U025)	RM 44,400.00

16.	A New Approach of Sustainable and Low-Cost Treatment For Household Greywater In Village Dwelling By Using Microalgae Project leader: Radin Maya Saphira	01-02-2014 to 31-07-2016 (completed)	GIPS (U005)	RM 45,000.00
17.	A Novel Microalgae Bioreactor System for Wet Market Wastewater Phycoremediation and its Potential Harvesting Bioproducts (Prototype Research Grant Scheme Project Leader : Radin Maya Saphira	01-08-2014 to 01-08-2016 (completed)	PRGS (G004)	RM 121, 000.00
18.	Household Greywater Treatment by Using Pre-Filter in Combination with Microalgae Scenedesmus Spp. for Reuse and Bioproduct potential. Project Leader : Radin Maya Saphira	1-7-2014 to 1-7-2017 (completed)	FRGS (1453)	RM 100,200.00
19.	Air quality in UTHM and health impacts Project Leader: Radin Maya Saphira	12-09-2011 to 12-09-2012 (completed)	Contract Grant UTHM (C006)	RM 10,000.00
20	Air quality studies in UTHM campus Project Leader : Radin Maya Saphira	01-06-2006 to 31-05-2007 (completed)	FRGS (0205)	-
			TOTAL	977,709.00

ii. AS MEMBER

NO.	RESEARCH GRANT / ROLE	PERIOD / STATUS	TYPE / REFERENCE	AMOUNT
1.	Pembangunan Penapis Air Domestik (Untuk Kegunaan Rumah) Member: Radin Maya Saphira	01-12-2021 to 30-11-2023 (on-going)	INDUSTRI (M077)	RM 40,000.00
2.	Photocatalysis of Trisiloxane and Pathogenic Bacteria In Greywater Using Eco-friendly Green Nanoparticles (eco-gnps) For Safe Disposal Member: Radin Maya Saphira	01-11-2020 to 31-10-2023 (on-going)	FRGS (K337)	RM 110,400.00
3.	Pre- Treatment Technology for Laundry Waste Water for safe Disposal Member: Radin Maya Saphira	15-04-2022 to 31-12-2022 (on-going)	Geran Antarabangsa (X224)	RM 0

4.	Development of GSM-IOT-Cloud Based Sensors Hub For Surface Water Pollution Monitoring and Big Data Analytics Member: Radin Maya Saphira	01-01-2021 to 31-12-2022 (on-going)	Konsortium Kecemerlangan Penyelidikan (KKP) (K343)	RM 364,400.00
5.	Optimisation of Microalgae-microbial Fuel Cell (m-mfc) System For Degradation of Organic Matter And Nutrients In Chicken Slaughterhouse Wastewater Member: Radin Maya Saphira	15-11-2020 to 14-11-2022 (on-going)	TIER 1 UTHM (H831)	RM 20,000.00
6.	Correlation Among Particulate Matters, Cloud Formation And Precipitation In Johor And Perak (2013-2017) Member: Radin Maya Saphira	15-11-2020 to 14-11-2022 (on-going)	TEIR 1 UTHM (H743)	RM 20,000.00
7.	Metagenomic Analysis of Antimicrobial Resistant (AMR) Bacteria and Antibiotics of Freshwater Prawn Farm Wastewater (FPFWW) Photocatalysed using BioZnO Nanoparticles for Safe Disposal Member: Radin Maya Saphira	1-11-2020 to 31-10-2022 (on-going)	FRGS (K338)	RM 91,883.00
8.	The Elimination of Kercut (Iperonia Articulata) In Trench Near Palm Oil Plantation By Using Green Technology Member: Radin Maya Saphira	01-11-2020 to 30-04-2023 (on-going)	GPPS (H688)	RM 36,000.00
9.	Photo-catalysis of Nutrients In Prawn Farm Wastewater Using Bio-synthesized Zinc Oxide Nano-particles Member: Radin Maya Saphira	01-07-2020 to 31-12-2021 (on-going)	GPPS (H637)	RM 21,600.00
10.	Air Pollution at UTHM Campus: Analysis on Particulates, Heavy Metals, Toxic Gasses And Microorganisms Member: Radin Maya Saphira	01-11-2019 to 31-10-2021 (on-going)	Contract Grant UTHM (H614)	RM 110,000.00
11.	Decolorization And Micro-pollutant Removal in Textile Wastewater Using Banana Peel Activated Carbon For River Protection Member: Radin Maya Saphira	01-09-2019 to 31-08-2022 (on-going)	FRGS (K181)	RM 102,400.00

12.	Modification of Bead Adsorbents With Ceramic Sanitary Ware Waste (csww) And Chitosan For Laundry Greywater (LGW) Safe Disposal Member: Radin Maya Saphira	01-09-2019 to 31-08-2021 (on-going)	FRGS (K184)	RM 84,200.00
13.	Program: Eco-tech Smart System For Handling And Reuse Ablution Greywater In Masjid Sultan Ibrahim, Uthm For A Sustainable Living Project: Quantitative Study On Temporal Quantity And Quality Trends of the Reuse Ablution Greywater for the Purpose Of Aquaculture and Hydroponic Cultivation Member: Radin Maya Saphira	01-07-2019 to 30-06-2021 (on-going)	MDR (H480)	RM 25,000.00
14.	Photocatalytic Activity of Nanostructure Film TiO₂ For Palm Oil Mill Effluent (pome) Treatment: Analysis Of Pome Quality Before & After Photocatalysis Process Member: Radin Maya Saphira	01-07-2019 to 30-06-2021 (on-going)	MDR (H473)	RM 20,000.00
15.	Enzymatic Degradation of Xenobiotic Organic Compounds In Greywater For Safe Disposal Member: Radin Maya Saphira	01-01-2019 to 31-12-2020 (completed)	FRGS (K101)	RM 72,250.00
16.	Reduction of Poultry Slaughterhouse Wastewater Pollutants Using Sequencing Batch Reactors (sbr) Enhanced By Composite Fibre For Safe Disposal Member: Radin Maya Saphira	01-07-2018 to 31-12-2020 (completed)	TEIR 1 (H207)	RM 20,000.00
17.	Pengurusan Sisa Makanan Menggunakan Teknik Pengkomposan Berasaskan Teknologi Hijau Dengan Kerjasama Pejabat Pendidikan Daerah Kluang, Johor Untuk Sekolah Di Simpang Renggam Member: Radin Maya Saphira	01-07-2019 to 30-09-2020 (completed)	KTP (k132)	RM 54,325.00
18.	Environmental Feasibility Investigation of Solidified Peat through Groundwater and Chemical Reaction Assessments for Transportation Infrastructure Development in Southern West Coast of Malaysia Member: Radin Maya Saphira	01-08-2016 to 31-7-2019 (completed)	FRGS (1574)	RM 123, 800.00

19.	New Application of Functionalized Self-assembled Monolayer As An Adsorbent To Remove Harmful Pollutants In Car Wash Wastewater Through Surface Interactions Member: Radin Maya Saphira	01-11-2015 to 30-04-2019 (completed)	FRGS (1565)	RM 89,200.00
20.	New Insight Into PO₄³⁻ Removal Mechanism Due To The Metal Oxides Concentration's Variuosness In Steel Slag For Industrial Wastewater Treatment Member: Radin Maya Saphira	01-08-2016 to 31-01-2019 (completed)	FRGS (1613)	RM 98,600.00
21.	Influence on Ccombustion And Emissions Via Biodiesel From Microalgae Through Pycoremediataion Of Wastewater Member: Radin Maya Saphira	01-10-2015 to 31-08-2018 (completed)	GIPS (U323)	RM 45,000.00
22.	Domestic Dreywater Discharge Modelling For Water Resources Prevention Member: Radin Maya Saphira	01-08-2016 to 31-07-2018 (completed)	Geran Jangka Pendek (U659)	RM 20,000.00
23.	The investigation of microalgae biodiversity of temporary water habitats in Johor National Park as source of renewable novel bioactive compounds. Member: Radin Maya Saphira	1-7-2014 to 1-7-2017 (completed)	FRGS (1476)	RM 99,200.00
24.	Potential of Non-Wood Material as Alternative Non-Wood Fiber Source for Papermaking Towards Green Technology. Member: Radin Maya Saphira	1-7-2014 to 1-7-2017 (completed)	FRGS (1457)	RM 89,200.00
25.	The enhancement of colour (benzidine and toluidine) removal from textile wastewater by using Activated Carbon from Sugarcane Bagasse. Member: Radin Maya Saphira	1-7-2014 to 1-7-2017 (completed)	FRGS (1456)	RM 99,200.00
26.	Development of A Geo-Electromagnetic (Geo-EM) Predictive Model for Soft Soil Member: Radin Maya Saphira	01-09-2013 to 30-09-2015 (completed)	MDR (1319)	RM 50,000.00

27.	Integrated Study on Innovative Groundwater Distribution System Using Rewes (Recharge Well System) Member: Radin Maya Saphira	01-06-2013 to 31-05-2016 (completed)	ERGS (E039)	RM 72,000.00
28.	Aerated Rock As A Filter Unit For Total Nutrient Removal From Domestic Wastewater Using Low-Cost Filter Media Member: Radin Maya Saphira	01-06-2013 to 31-05-2016 (completed)	ERGS (E031)	RM 131,300.00
29.	Soil Characterisation For Foundation Design Using Geo-electromagnetic (geo-em) Technique Member: Radin Maya Saphira	01-12-2013 to 31-01-2016 (completed)	FRGS (1436)	RM 61,000.00
30.	Filtration of Wastewater From Domestic Use By Using Activated Carbon Fom Sugarcane Bagasse Filter System Member: Radin Maya Saphira	01-11-2013 to 31-10-2014 (completed)	GIPS (1364)	RM 13,000.00
31.	Treating Important Parameter of Car Wash Wastewater At Segget River By Aerated Rock Filter And Wetland System Member: Radin Maya Saphira	01-11-2013 to 31-10-2014 (completed)	GIPS (1404)	RM 13,000.00
32.	Micropollutant Research Centre (MPRC) Member: Radin Maya Saphira	01-08-2013 to 31-07-2014 (completed)	Contract Grant UTHM (C046)	RM 30,000.00
33.	Characterisation and assessment of Malaysian dredged clay as reusable geomaterial Member: Radin Maya Saphira	1-12-2012 to 30-11-2014 (completed)	RACE (1115)	RM 50,000.00
34.	Study on the potential of reuse/recycling greywater in individual household systems Member : Radin Maya Saphira	01-12-2007 to 20-11-2009 (completed)	FRGS (0392)	RM 30,000.00
			TOTAL	2,306,958.00

E. PUBLICATIONS

I. APPOINTMENT AS EDITOR/EDITORIAL BOARD MEMBERS FOR JOURNAL

NO.	ROLE	JOURNAL/PROCEEDING	YEAR
1.	Special Issue Guest Editor	Frontiers in Bioengineering and Biotechnology, IF=5.89, Q1	2022-2023
2.	Lead Editor	Journal of Advancement in Environmental Solution and Resource Recovery (JAESRR)	2021-2023
3.	Special Issue Guest Editor	Special Issue "New Trends in Sustainable Approaches for Environmental Pollution Treatment", A special issue of <i>Sustainability</i> (ISSN 2071-1050), MDPI Publisher. This special issue belongs to the section "Environmental Sustainability and Applications". IF= 3.251, Q2	2021
4.	Board of Editors	Editorial Team of the Spirit of Society Journal (https://jurnal.narotama.ac.id/index.php/scj/about/editorialTeam)	Since 2018
5.	Editorial Board	Recent Trend in Civil Engineering and Built Environment (RTCEBE)) is an open access, peer-reviewed and refereed Periodical Proceeding published by Faculty of Civil Engineering and Built Environment, Universiti Tun Hussein Onn Malaysia	Since 2020

II. JOURNAL (WoS & SCOPUS INDEXED)

* Corresponding author

NO	JOURNAL
1.	Nurina Fitriani, Radin Maya Saphira Radin Mohamed, Moch Affandi, Rafly Rizqullah Nurdin, Setyo Budi Kurniawan, Ni'matuzahroh Ni'matuzahroh (2023). Performance of Intermittent Slow Sand Filter Processing Units in Treating Food Court Wastewater, 24(4), 117-139, 1-18, Polish Society of Ecological Engineering (PTIE), (WoS, IF= 1.48, Q4), https://doi.org/10.12911/22998993/159399
2.	Atikah Heshamm, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed, Mohd Hairul Bin Khamidun (2023). Eliminating xenobiotics organic compounds from greywater through green synthetic nanoparticles, Environmental Research, 115316, Elsevier, (Wos, IF= 6.498, Q1), https://doi.org/10.1016/j.envres.2023.115316
3.	Nurina Fitriani, Febri Eko Wahyudianto, Nada Fikna Salsabila, Radin Maya Saphira Radin Mohamed , Setyo Budi Kurniawan (2023). Performance of Modified Slow Sand Filter to Reduce Turbidity, Total Suspended Solids, and Iron in River Water as Water Treatment in Disaster Areas, Journal of Ecological Engineering, 24 (1), 1-18, Polish Society of Ecological Engineering (PTIE), (WoS, IF= 1.48, Q4), https://doi.org/10.12911/22998993/156009
4.	Agoes Soegianto, Astrini Widyanita, Moch Affandi, Teguh Wirawan, Radin Maya Saphira Radin Mohamed (2022), Cadmium and zinc accumulation and depuration in tilapia (<i>Oreochromis niloticus</i>) tissues following sub-lethal exposure, Bulletin of Environmental Contamination and Toxicology, 109 (3), 464-469, Springer, (Wos, IF= 2.65, Q3), https://doi.org/10.1007/s00128-022-03504-8
5.	Nor Fadzilah Pahazri, Najeeha Mohd Apandi, Radin Maya Saphira Radin Mohamed* , Ramathasan Nagarajah, Affah Mohd Apandi, Rosmawanie Mohd Radzuan, Shamine S. Moganathan (2022). <i>Stryhnos potatorum</i> and <i>Pisum sativum</i> as natural coagulant for meat food processing wastewater treatment: isotherm studies, Separation Science and Technology, Taylor & Francis, 2022/7/30, 1-16 (Wos, IF= 2.473, Q2), https://doi.org/10.1080/01496395.2022.2104732

6.	Efaq Ali Noman, Adel Al-Gheethi, Mohammed Al-Sahari, Radin Maya Saphira Radin Mohamed* , Rich Crane, Nur Adila Ab Aziz, Muthusamy Govarthanam (2022). Challenges and opportunities in the application of bioinspired engineered nanomaterials for the recovery of metal ions from mining industry wastewater, <i>Chemosphere</i> , June 2022 (Wos, IF= 7.086, Q1), https://doi.org/10.1016/j.chemosphere.2022.136165
7.	Adel Ali Al-Gheethi, Mohammad Shafiq Mohd Salleh, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed*, Rich Crane, Rafidah Hamdan, Mu Naushad (2022). Cephalixin Adsorption by Acidic Pretreated Jackfruit Adsorbent: A Deep Learning Prediction Model Study, <i>Water</i> , 14 (14), 2243, MDPI, (Wos, IF= 3.53, Q1), https://doi.org/10.3390/w14142243
8.	Nur Nabilah Mohd Noor, Nur Hazirah Kamaruzaman, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed* , Md Sohrab Hossain (2022), (Wos, IF= 4.79, Q1) Degradation of antibiotics in aquaculture wastewater by bio-nanoparticles: A critical review, <i>Ain Shams Engineering Journal</i> , 2022/10/13, 101981, https://doi.org/10.1016/j.asei.2022.101981
9.	Efaq Ali Noman, Adel Ali Al-Gheethi, Spilimbergo Sara, Md Sohrab Hossain, Radin Maya Saphira Radin Mohamed , Nik Norulaini Nik Ab Rahman, Mohd Omar Ab Kadir (2022). Waterless sterilization of clinical solid waste using supercritical carbon dioxide: fungal spores inactivation mechanisms, optimization and artificial neural network models, <i>Biomass Conversion and Biorefinery</i> , June 2022, 02931 (Wos, IF = 4.987, Q2), http://dx.doi.org/10.1007/s13399-022-02931-1
10.	Efaq Ali Noman, Radin Maya Saphira Radin Mohamed* , Adel Ali Al-Gheethi, Muhanna Mohammed Al-Shaibani, Fairoz Ali Al-Wrafy, Qais Ali Al-Maqtari, Dai-Viet N Vo (2022). Antibiotics and antibiotic-resistant bacteria in greywater: Challenges of the current treatment situation and predictions of future scenario, <i>Environmental Research</i> , September 2022, 113380 (Wos, IF= 6.498, Q1), https://doi.org/10.1016/j.envres.2022.113380
11.	Adel Al-Gheethi, Narmatha Sundram, Rich Crane, Abdullah Alburahi, Radin Maya Saphira Radin Mohamed , Muhanna Mohammed Al-Shaibani, Efaq Ali Noman, Senthil Kumar Ponnusamy, Nor Amani Filzah Mohd Kamil (2022). Metronidazole photocatalytic degradation by zinc oxide nanoparticles synthesized in watermelon peel extract; Advanced optimization, simulation and numerical models using machine learning applications, <i>Environmental Research</i> , June 2022, 113537 (Wos, IF= 6.498, Q1), https://doi.org/10.1016/j.envres.2022.113537
12.	Mohammed Al-Sahari, Adel Ali Al-Gheethi, Radin Mohamed Radin Mohamed* , Yashni G, Dai-Viet N. Vo, Norli Ismail (2022). Microbial fuel cell systems; developments, designs, efficiencies, and trends: A comparative study between the conventional and innovative systems, <i>Chemosphere</i> , Volume 298, July 2022, 134244 (Wos, IF= 7.086, Q1), https://doi.org/10.1016/j.chemosphere.2022.134244
13.	Abdulrahman Oyekanmi Adeleke, HPS Abdul Khalil, Dele-Afolabi Temitope, Mohd Rafatullah, Radin Maya Saphira Radin Mohammed , Tata Alfatah, Danish Mohammed, Abdullah CK (2022). Fabrication and characterization of porous ceramic composite membrane for water and wastewater treatment, <i>Desalination and Water Treatment</i> , Volume 246, 2022 (Wos, IF= 1.234, Q3).
14.	Nur Atikah Ahmad Latiffi, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, RM Tajuddin, Muhanna M Al-Shaibani, Dai-Viet N Vo, Parveen Fatemeh Rupani (2022). Nutrients elimination from meat processing wastewater using <i>Scenedesmus</i> sp.; optimizations; artificial neural network and kinetics models, <i>Environmental Technology & Innovation</i> , Volume 26, May 2022, 102535 (Wos, IF = 5.263, Q1), https://doi.org/10.1016/j.eti.2022.102535
15.	Hussin Ramadan Dihom, Muhanna M Al-Shaibani, Radin Maya Saphira Radin Mohamed* , Adel Ali Al-Gheethi, Ajit Sharma, Mohd Hairul Bin Khamidun (2022). Photocatalytic degradation of disperse azo dyes in textile wastewater using green zinc oxide nanoparticles synthesized in plant extract: A critical review. 47, 102705 (WoS, IF=5.485, Q1), https://doi.org/10.1016/j.jwpe.2022.102705
16.	Nur Hazirah Kamaruzaman, Nur Nabilah Mohd Noor, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Senthil Kumar Ponnusamy, Ajit Sharma, Dai-Viet N Vo (2022). Applicability of bio-synthesized nanoparticles in fungal secondary metabolites products and plant extracts for eliminating antibiotic-resistant bacteria risks in non-clinical environments, <i>Environmental Research</i> , Volume 209, June 2022, 112831.(Wos, IF = 6.498, Q1), https://doi.org/10.1016/j.envres.2022.112831

17.	Abdullah Khaled Al-Buriah, Muhanna M Al-shaibani, Radin Maya Saphira Radin Mohamed , Adel Ali Al-Gheethi, Ajit Sharma, Norli Ismail (2022). Ciprofloxacin removal from non-clinical environment: A critical review of current methods and future trend prospects, Journal of Water Process Engineering, 47, 102705 (WoS, IF=5.485, Q1), https://doi.org/10.1016/j.jwpe.2022.102725
18.	Efaq Ali Noman, Adel Ali Al-Gheethi, Radin Maya Saphira Radin Mohamed* , Balkis Talip, Mohammed Al-Sahari, Norli Ismail (2022). Mathematical prediction models for inactivation of antibiotic-resistant bacteria in kitchen wastewater by bimetallic bionanoparticles using machine learning with gene expression programming, Journal of Cleaner Production Volume 333, 20 January 2022, 130131, (Wos, IF = 9.297, Q1), https://doi.org/10.1016/j.jclepro.2021.130131
19.	Siti Nor Hidayah Arifin, Radin Maya Saphira Radin Mohamed* , Adel Ali Al-Gheethi, Lai Chin Wei, G Yashni, Nurina Fitriani, Mu Naushad, Ahmad B Albadarin (2022). Modified TiO ₂ nanotubes-zeolite composite photocatalyst: Characteristics, microstructure and applicability for degrading triclocarban, Chemosphere 287, 132278, (Wos, IF = 7.086, Q1). DOI: 10.1016/j.chemosphere.2021.132278
20.	Efaq Noman, Adel Al-Gheethi*, Radin Maya Saphira Radin Mohamed , Balkis Talip, Norzila Othman, Sohrab Hossain, Dai-Viet N Vo, Nayef Alduais (2022). Inactivation of fungal spores from clinical environment by silver bio-nanoparticles; optimization, artificial neural network model and mechanism, Environmental Research 204, 111926, (Wos, IF = 6.498, Q1). DOI: 10.1016/j.envres.2021.111926
21.	Abdullah Khaled Al-Buriah, Adel Ali Al-Gheethi, Ponnusamy Senthil Kumar, Radin Maya Saphira Radin Mohamed , Hanita Yusof, Abdullah Faisal Alshalif, Nasradeen A Khalifa (2022). Elimination of rhodamine B from textile wastewater using nanoparticle photocatalysts: A review for sustainable approaches, Chemosphere 287, 132162, (Wos, IF = 7.086, Q1). https://doi.org/10.1016/j.chemosphere.2021.132162
22.	Nurina Fitriani, Timothy Tjahja Ni'matuzahroh Ni'matuzahroh, Nugraha O'Marga, Radin Maya Saphira Radin Mohamed* , Febri Eko Wahyudianto, Muhammad Fauzul Imron, Dwi Ratri Mitha Isnadina, Eddy Setiadi Soedjono (2022). Optimization of Slow Sand Filtration for the Raw Municipal Wastewater Treatment by Using the Blood Cockle (Anadara granosa) Shell as an Alternative Filter Media through the Response Surface Methodology, Journal of Ecological Engineering, Volume 23, Issue 6, 2022 ((Wos, IF = 1.339). https://doi.org/10.12911/22998993/147833
23.	Najeeha Mohd Apandi, Paran Gani, Norshuhaila Mohamed Sunar, Radin Maya Saphira Radin Mohamed* , Adel AlGheethi, Affah Mohd Apandi, Ramathanan Nagarajah, Noor Afifee Raihan Shaari, Kelly Cheong, Roshanida A Rahman (2022). Scenedesmus sp. Harvesting by Using Natural Coagulant after Phycoremediation of Heavy Metals in Different Concentrations of Wet Market Wastewater for Potential Fish Feeds, Sustainability 2022, 14(9), 5090; (Wos, IF = 3.251, Q2) https://doi.org/10.3390/su14095090
24.	Nur Atikah Ahmad Latiffi, Radin Maya Saphira Radin Mohamed* , Adel AlGheethi, Tajuddin RM (2021) Harvesting of Scenedesmus sp. after phycoremediation of meat processing wastewater; optimization of flocculation and chemical analysis of biomass, Journal Of Chemical Technology And Biotechnology, Wiley, 1, 254, ISSN:02682575. (Wos. IF= 2.75, Q1). DOI: 10.1002/jctb.653
25.	Siti Nor Hidayah Arifin, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Chin Wei Lai, Yashni Gopalakrishnan (2021). Heterogeneous photocatalysis of triclocarban and triclosan in greywater: a systematic and bibliometric review analysis. International Journal of Environmental Analytical Chemistry. (WoS, IF = 1.642, Q3). DOI: 10.1080/03067319.2020.1863391
26.	Maizatul Azrina Yaakob, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Ravishankar Aswathnarayana Gokare, Ranga Rao Ambati. (2021). Influence of nitrogen and phosphorus on microalgal growth, biomass, lipid, and fatty acid production: An overview. National Library of Medicine. (WoS, IF=4.366, Q2). DOI: 10.3390/cells10020393
27.	Najeeha Mohd Apandi, Mimi Suliza Muhamad, Radin Maya Saphira Radin Mohamed* , Norshuhaila

	Mohamed Sunar, Adel Al-Gheethi, Paran Gani, Fahmi A. Rahman. (2021). Optimizing of microalgae <i>Scenedesmus</i> sp. biomass production in wet market wastewater using response surface methodology. Sustainability. (WoS, IF = 2.576, Q2). DOI: 10.3390/su13042216
28.	Efaq Noman, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Balkis Talip, Md Sohrab Hossain, Wahid Altowayti, Norli Ismail. (2021). Sustainable approaches for removal of cephalixin antibiotic from non-clinical environments: A critical review. Journal of Hazardous Materials. ISSN: 03043894. (WoS, IF=9.038, Q1). DOI: 10.1016/j.jhazmat.2021.126040
29.	Yashni Gopalakrishnan, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed* , N Vo Dai-Viet, Abdullah A Al-Kahtani, Mohammed Al-Sahari, Nurul Jihan Nor Hazhar, Efaq Noman, Sadeq Alkhadher (2021). Bio-inspired ZnO NPs synthesized from Citrus sinensis peels extract for Congo red removal from textile wastewater via photocatalysis: Optimization, mechanisms, techno-economic analysis. Chemosphere. ISSN:00456535. (WoS, IF=7.086, Q1). DOI: 10.1016/j.chemosphere.2021.130661
30.	Muhanna Alshaibani, Radin Maya Saphira Radin Mohamed* , Ishak Mat, Adel AlGheethi, Jacinta Santhanam (2021). Enzyme-linked immunosorbent assay detection for malignancy using Anti-P53 antibodies. Malaysian Journal of Public Health Medicine 21(1) 208-215. ISSN:16750306. Scopus Indexed. DOI: 10.37268/mjphm/vol.21/no.1/art.789
31.	Yashni Gopalakrishnan, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Mohammed Al-Sahari. (2021). Reusability performance of green zinc oxide nanoparticles for photocatalysis of bathroom greywater. Water Practice & Technology 16 (2): 364–376. ISSN:1751231X. Scopus Indexed. DOI: 10.2166/wpt.2020.118
32.	Rafidah Hamdan, Izzati Izwani Ibrahim, Wan Afnizan Wan Mohamed, Adel Al-Gheethi, Norzila Othman, Radin Maya Saphira Radin Mohamed (2021). Optimizing vertical flow aerated steel slag filter system with nitrifiers bacteria for nutrients' removal from domestic wastewater: a pilot study. Journal of Chemical Technology & Biotechnology ISSN:10974660. (WoS, IF=2.75, Q2). DOI: 10.1002/jctb.6618
33.	Muhammad Asyraf Zulkipli, Juliza Abu Bakar, Mahbooba Bakar, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi (2021). Optimization of fixed-bed sequencing bio-reactors using jute fibre for seafood processing wastewater treatment. International Journal of Integrated Engineering, UTHM, 31(1) 321-328, ISSN:26007916. Scopus Indexed. DOI:10.30880/IJIE.2019.11.02.018. DOI: 10.30880/ijie.2021.13.01.029
34.	Ong Meng Chuan, Adiana Ghazali, Roswati Md Amin, Kesaven Bhubalan, Lee Jen Nie, Tuan Mohamad Fauzan Tuan Omar, Idham Khalil, Suvik Assaw, Yong Jaw Chuen, Nurulnadia Mohd Yusoff, Izan Jaafar, Wan Nurul Nadiah Wan Rasdi, Nurzafirah Mazlan, Miftahul Jannah Muhammad Husin, Radin Maya Saphira Radin Mohamed , Zurahanim Fasha Anual, Chen Mengli & Marfiah Ab Wahid (2021). Positive and Negative Effects of COVID-19 Pandemic on aquatic environment: A review, Sains Malaysiana 50(4) (2021): 1187-1198. (WoS, IF=0.643), DOI: 10.17576/jsm-2021-5004-28
35.	Mohammed Al-Sahari, Adel Al-Gheethi, Radin Mohamed* , Efaq Noman, M Naushad, Mohd Baharudin Rizuan, Dai-Viet N Vo, Norli Ismail (2021). Green approach and strategies for wastewater treatment using bioelectrochemical systems: A critical review of fundamental concepts, applications, mechanism, and future trends, Chemosphere, 285, 131373 (WoS, IF=7.086, Q1). DOI: 10.1016/j.chemosphere.2021.131373
36.	Adel Al-Gheethi, Efaq Noman, Radin Maya Saphira Radin Mohamed , Balkis Talip, Dai-Viet N Vo, Hassan Amer Algaifi (2021). Cephalixin removal by a novel Cu–Zn bionanocomposite biosynthesized in secondary metabolic products of <i>Aspergillus arenarioides</i> EAN603 with pumpkin peels medium: Optimization, kinetic and artificial neural network models, Journal of Hazardous Materials, Volume 419, 5 October 2021, 126500 (WoS, IF= 9.038, Q1). DOI: 10.1016/j.jhazmat.2021.126500
37.	Efaq Noman, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Balkis Talip, Mohamed Al-Sahari, Muhanna Al-Shaibani (2021). Quantitative microbiological risk assessment of complex

	microbial community in prawn farm wastewater and applicability of nanoparticles and probiotics for eliminating of antibiotic-resistant bacteria, Journal of Hazardous Materials, Volume 419, 5 October 2021, 126418 (WoS, IF= 9.038, Q1).DOI: 10.1016/j.jhazmat.2021.126418
38.	Muhanna Mohammed Al-Shaibani, Radin Maya Saphira Radin Mohamed* , Noraziah Mohamad Zin, Adel Al-Gheethi, Mohammed Al-Sahari, Hesham Ali El Enshasy (2021). enhanced pharmaceutically active compounds productivity from Streptomyces SUK 25: Optimization, characterization, mechanism and techno-economic analysis, Molecules 26 (9), 2510 (Wos, IF = 6.998, Q1). DOI: 10.3390/molecules26092510
39.	Vikneswara Abirama, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Marlinda Abdul Malek, Amir Hashim Mohd Kassim (2021). Meat processing wastewater Phycoremediation by <i>Botryococcus</i> sp.: a biokinetic study and a techno-economic analysis, Separation Science and Technology 56 (3), 577-591, (Wos, IF = 2.472, Q2). DOI: 10.1080/01496395.2020.1718708
40.	Muhanna Mohammed Al-Shaibani, Radin Maya Saphira Radin Mohamed* , Nik Marzuki Sidik, Hesham Ali El Enshasy, Adel Al-Gheethi, Efaq Noman, Nabil Ali Al-Mekhlafi, Noraziah Mohamad Zin (2021). Biodiversity of secondary metabolites compounds isolated from phylum actinobacteria and its therapeutic applications, Molecules 26 (15), 4504 (Wos, IF = 6.998, Q1). DOI: 10.3390/molecules26154504
41.	Yashni Gopalakrishnan, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed* , Md Sohrab Hossain, Amani Filzah Kamil, Vikneswara Abirama Shanmugan (2021). Photocatalysis of xenobiotic organic compounds in greywater using zinc oxide nanoparticles: a critical review, Water and Environment Journal 35 (1), 190-217, (Wos, IF =2.07, Q3). DOI: 10.1111/wej.12619
42.	Yashni Gopalakrishnan, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed* , Nor Hidayah Arifin, Nor Aishah Salleh (2021). Green ZnO nanoparticles photocatalyst for efficient BR51 degradation: Kinetics and mechanism study, Environmental Progress & Sustainable Energy 40 (3), e13559 (Wos, IF = 2.431, Q2). DOI: 10.1002/ep.13559
43.	Bakar Radhi Baker, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Hamidi Abdul Aziz (2021). Advanced technologies for poultry slaughterhouse wastewater treatment: A systematic review. Journal of Dispersion Science and Technology 42 (6), 880-899 (Wos, IF = 2.262, Q2). DOI: 10.1080/01932691.2020.1721007
44.	Efaq Noman, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Balkis Talip, Md Sohrab Hossain, Wahid Altowayti, Norli Ismail (2021). Sustainable approaches for removal of cephalixin antibiotic from non-clinical environments: A critical review, Journal of Hazardous Materials, 126040 (WoS, IF= 9.038, Q1). DOI: 10.1016/j.jhazmat.2021.126040
45.	Efaq Noman, Adel Al-Gheethi, Balkis A Talip, Radin Maya Saphira Radin Mohamed , Amir Hashim Kassim (2021). Decolourization of Dye Wastewater by A Malaysian isolate of Aspergillus iizukae 605EAN Strain: A Biokinetic, Mechanism and Microstructure Study, International Journal of Environmental Analytical Chemistry, 1-24 (Wos, IF = 2.286, Q2). DOI: 10.1080/03067319.2019.1686146
46.	Efaq Noman, Muhanna Mohammed Al-Shaibani, Muhammed Adnan Bakhrebah, Reyad Almoheer, Mohammed Al-Sahari, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed* , Yaaser Qaeed Almulaiky, Wesam Hussain Abdulaal (2021). Potential of Anti-Cancer Activity of Secondary Metabolic Products from Marine Fungi, Journal of Fungi 7 (6), 436 (Wos, IF = 5.816, Q1). DOI: 10.3390/jof7060436
47.	Mohammed Al-Sahari, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed* , Efaq Noman, M Naushad, Mohd Baharudin Rizuan, Dai-Viet N Vo, Norli Ismail (2021). Green approach and strategies for wastewater treatment using bioelectrochemical systems: A critical review of fundamental concepts, applications, mechanism, and future trends, Chemosphere, 131373 ((WoS, IF=7.086, Q1). DOI: 10.1016/j.chemosphere.2021.131373

48.	Mohanad Jawad Abbas, Radin Maya Saphira Radin Mohamed* , Mohammed Al-Sahari, Adel Al-Gheethi, Azra Munirah Mat Daud (2021). Optimizing FeCl ₃ in coagulation-flocculation treatment of dye wastes. Songklanakar Journal of Science & Technology 43 (4) (Scopus indexed). DOI: 10.14456/sjst-psu.2021.144
49.	Adel Ali Al-Gheethi, Qasdina Marsya Azhar, Senthil Kumar Ponnusamy, Abdiadim Abdirizak Yusuf, Abdullah Khaled Al-Buriah, Radin Maya Saphira Radin Mohamed , Muhanna Mohammed Al-Shaibani (2021). Sustainable approaches for removing Rhodamine B dye using agricultural waste adsorbents: A review, Chemosphere, 132080 (WoS, IF=7.086, Q1). DOI: 10.1016/j.chemosphere.2021.132080
50.	Abdullah Khaled Al-Buriah, Adel Ali Al-Gheethi, Senthil Kumar Ponnusamy, Radin Maya Saphira Radin Mohamed , Hanita Yusof, Abdullah Alsharif, Nasradeen Ali Khalifa (2021). Elimination of rhodamine B from textile wastewater using nanoparticle photocatalysts: A review for sustainable approaches, Chemosphere, 132162, (WoS, IF=7.086, Q1). DOI: 10.1016/j.chemosphere.2021.132162
51.	Adel Al-Gheethi, Nyuk Ling Ma, Parveen Fatemeh Rupani, Naznin Sultana, Maizatul Azrina Yaakob, Radin Maya Saphira Radin Mohamed , Chin Fhong Soon (2021). Biowastes of slaughterhouses and wet markets: an overview of waste management for disease prevention, Environmental Science and Pollution Research, 1-14, (Wos, IF = 4.223 , Q2). DOI: 10.1007/s11356-021-16629-w
52.	Yashni Gopalakrishnan, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Siti Nor Hidayah Arifin & Siti Nor Aishah Mohd Salleh (2021) Conventional And Advanced Treatment Technologies For Palm Oil Mill Effluents: A Systematic Literature Review, Journal Of Dispersion Science And Technology, Taylors And Francis, 7, 1, ISSN:15322351. ((Wos, IF = 2.262, Q2). DOI: 10.1080/01932691.2020.1788950
53.	Siti Nor Hidayah Arifin, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Chin Wei Lai, Yashni Gopalakrishnan, Nur Diyana Hairuddin, Dai-Viet Vo (2021). Photocatalytic degradation of triclocarban in aqueous solution using a modified zeolite/TiO ₂ composite: kinetic, mechanism study and toxicity assessment, Environmental Science and Pollution Research, 1-16, (Wos, IF = 4.223, Q2). DOI: 10.1007/s11356-021-16732-y
54.	Nur Hanis Hayati Hairom, Chin Fhong Soon, Radin Maya Saphira Radin Mohamed , Marlia Morsin, Nurfarina Zainal, Nafarizal Nayan, Che Zalina Zulkifli, Nor Hazlyna Harun (2021). A review of nanotechnological applications to detect and control surface water pollution, Environmental Technology & Innovation, 102032, (Wos, IF = 5.263 , Q1). DOI: 10.1016/j.eti.2021.102032
55.	Efaq Noman, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed* , Mohamed Al-Sahari, Md Sohrab Hossain, Dai-Viet N Vo, M Naushad (2021). Sustainable approaches for nickel removal from wastewater using bacterial biomass and nanocomposite adsorbents: A review, Chemosphere, 132862, (WoS, IF=7.086, Q1). DOI: 10.1016/j.chemosphere.2021.132862
56.	Efaq Noman, Adel Al-Gheethi, Balkis A Talip, Radin Mohamed , Amir Hashim Kassim (2020). Oxidative enzymes from newly local strain Aspergillus iizukae EAN605 using pumpkin peels as a production substrate: Optimized production, characterization, application and techno-economic analysis, Journal of Hazardous Materials, 386, 121954. (WoS, IF = 9.038, Q1). DOI: 10.1016/j.jhazmat.2019.121954
57.	Ng Kah Mun, Radin Maya Saphira Radin Mohamed* , Muhammad Safwan Miswan, Adel Al-Gheethi, Amir Hashim Mohd Kassim, Yuichiro Mishima (2020) Phytoremediation efficiencies of Spirodela Polyrhiza And Brassica Oleracea in removing nutrients from treated sewage effluent, Desalination And Water Treatment, Desalination Publication, 5, 87, ISSN:19443994. (WoS, IF = 1.254, Q2). DOI: 10.5004/dwt.2020.25297
58.	Salah Saleh Habtoor, Mohd Arif Agam, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed (2020) Fabrication and characterization of silver nanostructures using spherical silver nanoparticles released from Murraya Koenigii leaf extract, Desalination and Water Treatment, Desalination

	Publication, 5, 301, ISSN:19443994. (WoS, IF = 1.254, Q2). DOI: 10.5004/dwt.2020.25429
59.	Yashni Gopalakrishnan, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Md. Sohrab Hossain, Amani Filzah Kamil, Vikneswara Abirama Shanmugan (2020). Photocatalysis of xenobiotic organic compounds in greywater using zinc oxide nanoparticles: A critical review, <i>Water and Environment Journal</i> , Wiley. (WoS, IF = 1.426, Q2). DOI: 10.1111/wej.12619
60.	Yashni Gopalakrishnan, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Siti Nor Hidayah Arifin, Siti Nor Aishah Mohd Salleh (2020) Photodegradation of Basic Red 51 in hair dye greywater by zinc oxide nanoparticles using central composite design, reaction kinetics, mechanisms and catalysis. <i>Environmental Progress & Sustainable Energy</i> , Springer, 6, 567, ISSN:18785190. (WoS, IF = 1.989, Q2). DOI: 10.1007/s11144-020-01792-x
61.	Athirah Arifin, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Amir Hashim Mohd Kassim, Maizatul Azrina Yaakob. (2020) Assessment of household greywater discharge from village houses using Streeter–Phelps model in stream, <i>Desalination And Water Treatment</i> , 179, 8-18. (WoS, IF = 1.254, Q2). DOI:10.5004/dwt.2020.24995
62.	Nurina Fitriani, Maritha Nilam Kusuma, Budisantoso Wirjodirdjo, Wahyono Hadi, Joni Hermana, Ni'matuzahroh, Setyo Budi Kurniawan, Siti Rozaimah Sheikh Abdullah, Radin Maya Saphira Radin Mohamed (2020) Performance of geotextile-based slow sandfilter media in removing totalcoli for drinking water treatment using system dynamics modelling, <i>Heliyon</i> , Elsevier LTD, 9, 1, ISSN:24058440. Scopus Indexed. DOI: 10.1016/j.heliyon.2020.e04967
63.	Efaq Noman, Adel Al-Gheethi, Balkis A. Talip, Radin Maya Saphira Radin Mohamed , Amir Hashim Kassim (2020) Oxidative enzymes from newly local strain <i>Aspergillus lizukae</i> Ean605 using pumpkin peels as a production substrate: Optimized production, characterization, application and techno-economic analysis, <i>Journal Of Hazardous Materials</i> , Elsevier, 3, 1, ISSN:03043894. (WoS, IF = 9.038, Q1). DOI: 10.1016/j.jhazmat.2019.121954
64.	Ni' matuzahroh, Nurina Fitriani, Putri Eka Ardiyanti, Eko Prasetyo Kuncoro, Wahid Dian Budiyanto, Dwi Ratri Mitha Isnadina, Febri Eko Wahyudianto, Radin Maya Saphira Radin Mohamed (2020) Behavior of Schmutzdecke with varied filtration rates of slow sand filter to remove total coliforms, <i>Heliyon</i> , Elsevier, 4, 1, ISSN:24058440. Scopus Indexed. DOI: 10.1016/j.heliyon.2020.e03736
65.	Ni'Matuzahroh, Fitriani, N., Soedjono, E. S., Kuncoro, E. P., Radin Mohamed, R. M. S. , & O'Marga, T. T. N. (2020). Visualization of the microbial community and elemental mapping of anadara granosa media used in a slow sand filter using a SEM-EDS. <i>Asian Journal of Water, Environment and Pollution</i> , 17(3), 31-36. doi:10.3233/AJW200032. Scopus indexed
66.	Hasan Shaheed, Radin Maya Saphira Radin Mohamed* , Mohammed Al-Sahari, Nur Shaylinda Mohd-Zin, Adel Al-Gheethi, Tuama Alomari (2020) Coagulation and flocculation of printing ink effluent using polyaluminium chloride (pac): optimization and phytotoxicity study, <i>Desalination And Water Treatment</i> , Desalinations Publication, 9, 303, ISSN:19443986. (WoS, IF = 1.254, Q2). DOI: 10.5004/dwt.2020.26408
67.	Adel Al-Gheethi, Mohammed Al-Sahari, Marlinda Abdul Malek, Efaq Noman, Qais Al-Maqtari, Radin Maya Saphira Radin Mohamed , Balkis A. Talip, Sadeq Alkhadher and Md. Sohrab Hossain (2020) Disinfection methods and survival of Sars-Cov-2 in the environment and contaminated materials: A bibliometric analysis, <i>Sustainability</i> , MDPI, 9, 1, ISSN:20711050. Scopus Indexed. DOI: 10.3390/su12187378
68.	Mohd Shafiq Mohd Fauzi, Radin Maya Saphira Radin Mohamed* , Noor Maisara Jais, Adel Al-Gheethi, Alaa Fahad and Nurina Fitriani (2020) enhancement of wastewater effluent quality by using multi-layer materials constructed wetlands (MLCWS), <i>Ecology, Environment And Conservation</i> , EM International, 12, 1592, ISSN:0971765X. Scopus Indexed.

69.	Adel Al-Gheethi, Efaq Noman, Radin Maya Saphira Radin Mohamed , Norli Ismail, Abd Halid Bin Abdullah, Amir Hashim Mohd Kassim (2019) Optimizing Of pharmaceutical active compounds biodegradability in secondary effluents by lactamase from Bacillus subtilis using central composite design, Journal Of Hazardous Materials, Elsevier B.V., 3, 883, ISSN:03043894. Scopus Indexed. DOI: 10.1016/j.jhazmat.2018.11.068
70.	Maizatul Azrina Yaakob, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Athirah Tey, Amir Hashim Mohd Kassim (2019) Optimising of Scenedesmus sp. biomass production in chicken slaughterhouse wastewater using response surface methodology and potential utilisation as fish feeds, Environmental Science And Pollution Research, Springer, 2, 12089, ISSN:16147499 (WoS, IF=2.800, Q1). DOI: 10.1007/s11356-019-04633-0
71.	Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed* , Welfrad Nyokiew, Efaq Noman, Amir Hashim Mohd Kassim (2019) Establish in-house: A pre-treatment method of fat, oil and grease (FOG) in kitchen wastewater for safe disposal, International Journal of Integrated Engineering, UTHM, 1, 171, ISSN:26007916. Scopus Indexed. DOI:10.30880/IJIE.2019.11.02.018
72.	Adeleke Abdulrahman Oyekanmi, Ab Aziz Abd Latiff, Zawawi Daud, Radin Maya Saphira Radin Mohamed , Norli Ismail, Nur Adila Ab Aziz, Mohd Rafatullah, Kaizar Hossain, Akil Ahmad, Ajijolakewu Kamoldeen Abiodun (2019) Adsorption of cadmium and lead from palm oil mill effluent using bone-composite: optimisation and isotherm studies, International Journal of Environmental Analytical Chemistry, Taylor & Francis, 6, 707, ISSN:03067319 (WoS, IF = 1.267, Q3). DOI: 10.1080/03067319.2019.1607318
73.	Balkis A. Talip, Neo Zhi Zing, Nur Diyana Hairuddin, Radin Maya Saphira Radin Mohamed , Norhayati Muhammad, Hatijah Basri, Norazlin Abdullah, Ernna Eryna Mohamad Kahar, Adel Ali Saeed Al-Gheethi, Shakila Abdullah (2019) Determination of physicochemical properties of formulated fish feed supplemented with microalgae from bioremediation process, Jurnal Teknologi (Sciences And Engineering), Universiti Teknologi Malaysia, 4, 151, ISSN:21803722 Scopus indexed. DOI: 10.11113/jt.v81.12880
74.	Radin Maya Saphira Radin Mohamed* , Najeeha Apandi, Muhammad Safwan Miswan, Paran Gani, Adel Ali Saeed Al-Gheethi, Amir Hashim Mohd. Kassim and Nurina Fitriani (2019) Effect of pH and light intensity on the growth and biomass productivity of microalgae Scenedesmus sp, Ecology, Environment & Conservation, EM International, 4, 1, ISSN:0917765X. Scopus Indexed.
75.	Yashni Gopalakrishnan, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Amir Hashim Kassim (2019) Green synthesis of ZnO nanoparticles by Coriandrum Sativum leaf extract: structural and optical properties, Desalination And Water Treatment, Taylors and Francis, 10, 1, ISSN:19443986 (WoS, IF = 1.254, Q2). DOI: 10.5004/dwt.2019.24584
76.	Efaq Noman, Adel Al-Gheethi, Balkis A. Talip, Radin Maya Saphira Radin Mohamed , Amir Hashim Kassim (2019) Inactivating pathogenic bacteria in greywater by biosynthesized Cu/Zn nanoparticles from secondary metabolite of Aspergillus lizuka; Optimization, mechanism and techno economic analysis, PLOS ONE, Public Library of Science, 9, 1, ISSN:19326203 (WoS, IF = 2.776, Q1). DOI: 10.1371/journal.pone.0221522
77.	Efaq Noman, Adel Al-Gheethi, Balkis A. Talip, Radin Maya Saphira Radin Mohamed , Amir Hashim Kassim (2019) Mycoremediation of Remazol Brilliant Blue R in greywater by a novel local strain of Aspergillus lizuka 605ean: Optimisation and mechanism study, International Journal Of Environmental Analytical Chemistry, Taylor & Francis, 9, 1, ISSN:03067319 (WoS, IF = 1.267, Q3). DOI: 10.1080/03067319.2019.1657852
78.	Yashni Gopalakrishnan, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Siti Nor Hidayah Arifin, Amir Hashim Kassim (2019) Synthesis of nanoparticles using biological entities: an approach toward biological routes, Desalination And Water Treatment, Desalination Publication, 9, 152, ISSN:19443986 (WoS, IF = 1.254, Q2). DOI: 10.5004/dwt.2019.24666
79.	Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Ramlah Buyong, Nor Haslina Hashim, Hazel

	Monica Matias Peralta, Amir Hashim Mohd. Kassim (2018) Nutrient recovery from domestic effluent using an indigenous strain of <i>Scenedesmus</i> sp., <i>Clean-Soil, Air, Water</i> , Wiley, 5, 1800204, ISSN:18630650 (WoS, IF = 1.512, Q2). DOI: 10.1002/clen.201800204
80.	Adel Al-Gheethi, Efaq Noman, Bala Jeremiah David, Radin Maya Saphira Radin Mohamed , Abd. Halid Abdullah, Sasitharan Nagapan, Amir Hashim Mohd (2018) The review of potential factors contributing to epidemic Cholera in Yemen, <i>Journal Of Water And Health</i> , International Water Association Publishing, 10, 667, ISSN:14778920 (WoS, IF = 1.683, Q2). DOI: 10.2166/wh.2018.113
81.	Adel Al-Gheethi, Efaq Noman, Radin Maya Saphira Radin Mohamed , Norli Ismail, Abd Halid Bin Abdullah, Amir Hashim Mohd Kassim (2019) Optimizing of pharmaceutical active compounds biodegradability in secondary effluents by β -lactamase from <i>Bacillus subtilis</i> using central composite design <i>Journal of hazardous materials</i> , 365, 883-894, Elsevier ISSN:03043894 (WoS, IF = 7.650, Q1). DOI: 10.1016/j.jhazmat.2018.11.068
82.	Efaq Noman, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Balkis A Talip (2019) Myco-Remediation of xenobiotic organic compounds for a sustainable environment: A critical review, <i>Source Topics in Current Chemistry</i> , 377 (3), 17, Springer International Publishing ISSN / eISSN 2365-0869 / 2364-8961 (WoS, IF = 6.721, Q1). DOI: 10.1007/s41061-019-0241-8
83.	Adeleke Abdulrahman Oyekanmi, Ab Aziz Abdul Latiff, Zawawi Daud, Radin Maya Saphira Radin Mohamed , Nur Adila Ab Aziz, Norli Ismail, Mohd Rafatullah, Akil Ahmad, Kaizar Hossain (2019) Adsorption of pollutants from palm oil mill effluent using natural adsorbents: optimization and isotherm studies. <i>Desalination and Water Treatment</i> , 169, 181-190 (WoS, IF = 1.254, Q2). DOI: 10.5004/dwt.2019.24689
84.	Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Adeleke Abdulrahman, Muhammad Shabery bin Sainudin, Siti Asmah Bakar, Amir Hashim Mohd Kassim (2018). Optimization of ceramic waste filter for bathroom greywater treatment using central composite design (CCD), <i>Journal of Environmental Chemical Engineering</i> , 6(12), pp. 1578-1588, Elsevier. Scopus Indexed. doi.org/10.1016/j.jece.2018.02.006.
85.	Adel Ali Saeed Abduh Algeethi, Efaq Noman, Radin Maya Saphira Radin Mohamed , Mohamed Osman Abdel-Monem, Amir Hashim Mohd Kassim (2018). Potential of <i>Staphylococcus xylosus</i> strain for recovering nickel ions from aqueous solutions. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 42(1), 31-37, Akademia Baru. Scopus Indexed. DOI: 10.1063/1.5005360
86.	Najeeha Apanidi, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Paran Gani, Alfituri Ibrahim, Amir Hashim Mohd Kassim (2018). <i>Scenedesmus</i> biomass productivity and nutrient removal from wet market wastewater, A bio-kinetic study. <i>Waste and Biomass Valorization</i> , 1-18. (WoS, IF = 1.337, Q2). DOI: 10.1007/s12649-018-0313-y.
87.	Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Ramlah Buyong, Nor Haslina Hashim, Hazel Monica Matias-Peralta, Amir-Hashim Mohd-Kassim (2018). Nutrient recovery from domestic effluent using an indigenous strain of <i>Scenedesmus</i> sp, <i>CLEAN-Soil, Air, Water</i> , pp. 1800204, (WoS, IF =1.473, Q2). DOI: 10.1002/clen.201800204
88.	Maizatul Azrina Yaakob, Radin Maya Saphira Radin Mohamed* , Adel Ali Saeed, Amir Hashim Mohd Kassim Al-Gheethi (2018). Characteristics oh chicken slaughterhouse wastewater, 63, <i>Chemical Engineering Transaction</i> , The Italian Association of Chemical Engineering (AIDID), ISBN 978-88-95608-61-7; ISSN 2283-9216. Scopus Indexed. DOI: 10.3303/CET1863107
89.	Adel Al-Gheethi, Efaq Noman, JD Bala, Radin Maya Saphira Radin Mohamed , Abd Halid Abdullah, Sasitharan Nagapan, Amir Hashim Mohd Kassim (2018). A review of potential factors contributing to epidemic Cholera in Yemen, <i>Journal of Water and Health</i> , wh2018113 (IF 1.025). Other Indexed. DOI: 10.1007/s13201-018-0664-3
90.	Najeeha Mohd Apanidi, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Amir Hashim Mohd Kassim (2018) Microalgal biomass production through phycoremediation of fresh market wastewater

	and potential applications as aquaculture feeds, Environmental Science and Pollution Research, Springer, 12, 1, ISSN:16147499 (WoS, IF=2.800, Q1). DOI: 10.1007/s11356-018-3937-3
91.	Radin Maya Saphira Radin Mohamed* , Adel Ali Saeed Al-Gheethi, Najeeha Mohd Apandi, Amir Hashim Mohd Kassim, Noor Maisara Jais (2018). Biomass quality of Scenedesmus sp. cultivated in wet market wastewater, Malaysian Journal of Microbiology, Malaysian Society for Microbiology, 6, 120, ISSN:22317538. Scopus Indexed. DOI:10.21161/MJM.74618
92.	Efaq Ali Noman, Adel Ali Al-Gheethi, Nik Norulaini Nik Ab. Rahman, Nagao Hideyuki, Balkis Binti Haji A Talip, Radin Maya Saphira Radin Mohamed , Mohd. Omar Ab. Kadir (2018) Phenotypic identification of Penicillium spp. isolated from clinical wastes based on microstructure characteristics, Malaysian Journal of Microbiology, Malaysian Society for Microbiology, 6, 88, ISSN:22317538. Scopus Indexed. DOI: 10.21161/mjm.27918
93.	Noor Maisara Jais, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi & Amir Hashim Mohd Kassim (2017). Dual roles of phycoremediation of wet market wastewater for nutrients and heavy metals removal and microalgae biomass production. Clean Technologies and Environmental Policy, Volume 19, Issue 1, pp 37–52, Springer. (WoS, IF=1.934, Q2). DOI: 10.1007/s10098-016-1235-7.
94.	Paran Gani, Norshuhaila Mohamed Sunar, Hazel Matias-Peralta, Radin Maya Saphira Radin Mohamed , Ab Aziz Abdul Latiff, Umi Kalthsom Parjo (2017) Extraction of hydrocarbons from freshwater green microalgae (Botryococcus sp.) biomass after phycoremediation of domestic wastewater, International Journal of Phytoremediation, Taylors & Francis, 19 (1), pp 679-685, ISSN: 1549-7879. (WoS, IF = 1.886, Q2). DOI: 10.1080/15226514.2017.1284743
95.	Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Maizatul Azrina Yaakob (2017). Recycling of solid wastes at kindergartens centers, Songklanakarin Journal of Science & Technology, 39(1), Prince of Songkhla University. Scopus Indexed.
96.	Hauwa Atiku Majida, Radin Maya Saphira Radin Mohamed* , Adel A Al-Gheethi, Anwaruddin Ahmed Wurochekke, Amir Hashim Mohd Kassim (2017). Harvesting of Botryococcus sp. biomass from greywater by natural coagulants, Waste and Biomass Valorization, 1-13, Springer. ISSN: 1877-2641. (WoS IF=1.337, Q2). DOI:10.1007/S12649-017-9958-1
97.	Maizatul Azrina Yaakob, Radin Maya Saphira Radin Mohamed* , Adel A Al-Gheethi, Amir Hashim Mohd Kassim (2017). An overview of the utilisation of microalgae biomass derived from nutrient recycling of wet market wastewater and slaughterhouse wastewater, International Aquatic Research, 1-17, ISSN: 2008-4935. Scopus Indexed. DOI: 10.1007/s40071-017-0168-z
98.	Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, S. S. Aznin, A. H. Hasila, Anwaruddin Ahmed Wurochekke and Amir Hassim Mohd Kassim (2017). Removal of nutrients and organic pollutants from household greywater by phycoremediation for safe disposal, International Journal of Energy and Environmental Engineering, Springer, 5, 1, ISSN: 2251-6832. Scopus Indexed. DOI: 10.1007/s40095-017-0236-6
99.	Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Efaq Ali Noman, Norli Ismail, Mohd Adib Mohd Razi and Amir Hasim Mohd Kassim (2017). Reduction of bacteria in storage system of sewage effluents, Sustainable Water Resources Management, Springer, 3, 193, ISSN: 2363-5037. Scopus Indexed. DOI: 10.1007/s13201-018-0698-6
100.	Adel Banana, Efaq Ali Noman, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed (2017). Assessment of soil pollution by toxic metals and petrochemical compounds in Western Libya. Desalination and Water Treatment, 83,272-276 (WoS, IF = 1.254, Q2). DOI: 10.5004/dwt.2017.20781
101.	Adel Al-Gheethi, Efaq Ali Noman, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Norli Ismail and Mohd Omar Ab. Kadir (2017). Potential of pretreated biomass of Bacillus subtilis for heavy metal

	ions removal from aqueous solution. CLEAN – Soil, Air, Water, Wiley Publisher, (WoS, IF=1.74, Q2). DOI: 10.1007/s11741-996-0035-4
102.	Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Noor Maisara Jais, Efaq Ali Noman, Abdullah Abd Halid, Anwaruddin Ahmed Wurochekke, Amir Hashim Mohd Kassim (2017). Influence of pathogenic bacterial activity on growth of <i>Scenedesmus</i> sp. and removal of nutrients from public market wastewater. Journal of Water and Health, 15(5), 741-756, Journal of Water and Health, IWA Publishing. (WoS, IF = 1.041, Q2). DOI: 10.2166/wh.2017.080
103.	Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Efaq Ali Noman, Norli Ismail and Mohd Omar Ab. Kadir (2017), Removal of heavy metal ions from aqueous solutions using <i>Bacillus subtilis</i> biomass pre-treated by supercritical carbon dioxide. Clean – Soil, Air, Water, 45: n/a, 1700356. (WoS IF=1.473, Q2). DOI: 10.1002/clen.201700356
104.	Efaq Ali Noman, Adel Al-Gheethi, Balkis Talip, Nik Ab Rahman, Hideyuki Nagao, Radin Maya Saphira Radin Mohamed , Mohd Omar Ab Kadir (2017). Identification of fungi isolated from clinical wastes. Journal of Science and Technology, 9(4), ISSN: 2229-8460. Other Indexed.
105.	Adel Banana, Radin Maya Saphira Radin Mohamed , Adel Al-Gheethi (2016), Mercury pollution for marine environment at Farwa Island, Libya, Journal of Environmental Health Science & Engineering, 14 (1), 1, pp. 1-8, 14:5 DOI 10.1186/s40201-016-0246-y. Open access. (WoS, IF = 2.179, Q2). DOI: 10.1186/s40201-016-0246-y
106.	Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Efaq Ali Noman, Norli Ismail, Abd Halid Abdullah, Amir Hashim Mohd Kassim, M O Ab. Kadir (2016). Bioaugmentation process of secondary effluents for the reduction of pathogens, heavy metals and antibiotics. Journal of Water and Health, 14 (5), pp. 780-795 (WoS, IF=1.45, Q2). DOI: 10.2166/wh.2016.046
107.	Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Jackson Anak Miao and Amir Hashim Mohd Kassim (2016). Multi component filter for domestic greywater treatment in village houses. Journal of American Water Works Association (AWWA), 108 (7) (WoS, IF= 0.5, Q2). DOI: http://dx.doi.org/10.5942/jawwa.2016.108.0103 .
108.	Nor Fadzilah Pahazri, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Amir Hashim Mohd Kassim (2016). Production and harvesting of microalgae biomass from Wastewater, A critical review. Environmental Technology Reviews 5 (1), 39-56. (WoS, IF= 1.56, Q2). DOI: 10.1080/21622515.2016.1207713.
109.	Anwaruddin Ahmed Wurochekke, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Hauwa Atiku Majidda & Amir Hashim Mohd Kassim (2016). Household greywater treatment methods using natural materials and their hybrid system, Journal of Water and Health 14 (6), 914-928, (WoS, IF= 1.025, Q2). DOI: 10.2166/wh.2016.054. ISSN: 14778920.
110.	Hauwa Atiku Majidda, Radin Maya Saphira Radin Mohamed* , Adel Al-Gheethi, Anwaruddin Ahmed Wurochekke & Amir Hashim Mohd Kassim (2016). Harvesting microalgae biomass from the phycoremediation process of greywater. environmental science and pollution research, December 2016, Volume 23, Issue 24, pp 24624–24641, Springer. (WoS, IF=2.8, Q1). DOI:10.1007/s11356-016-7456-9.
111.	Nur Atikah Ahmad Latiffi, Radin Maya Saphira Radin Mohamed* , Vikneswara Abirama Shanmugan, Nur Fadzilah Pahazri, Amir Hashim Mohd Kassim, Hazel Monica Matias-Peralta and R. M. Tajuddin (2016). Removal of nutrients from meat food processing industry wastewater by using microalgae <i>Botryococcus</i> SP, ARPN Journal of Engineering and Applied Sciences, Vol 11, Issue 16, 1 August 2016, Pages 9863-9867. Scopus Indexed.
112.	Efaq Ali Noman, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed* (2016) current status of greywater in Middle East countries. Waste Management Journal, 49, A Glance at the World I-IV, (WoS,

	Elsevier IF=3.2, Q1).
113.	Adel Al-Gheethi, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed, Norli Ismail, Mohd Omar Ab. Kadir (2016). Potential of bacterial consortium for removal of cephalexin from aqueous solution. Journal of the Association of Arab Universities for Basic and Applied Sciences. ISI Indexed. DOI: 10.1016/j.jaubas.2016.09.002
114.	Hauwa Atiku Majidda, Radin Maya Saphira Radin Mohamed* and Anwaruddin Ahmed Wurochekke (2016). Bioremediation of bathroom greywater with microalgae Botryococcus sp. Indian Journal of Science and Technology, Vol 9(46), December 2016. ISSN (Print): 0974-6846 ISSN (Online): 0974-5645. Scopus Indexed. DOI: 10.17485/ijst/2016/v9i46/107115
115.	Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Efaq Ali Noman, Amir Hashim Mohd Kassim (2015). Reduction of microbial risk associated with greywater by disinfection processes for irrigation. Journal of Water and Health, 14 (3), 379-398, IWA Publishing, Available Online 21 December 2015, (WoS, IF = 1.025, Q2). DOI: 10.2166/wh.2015.220\
116.	Radin Maya Saphira Radin Mohamed* , Chan Chee Ming, Senin H, Amir Hashim Mohd. Kassim (2014). Feasibility of the direct filtration over peat filter media for bathroom greywater treatment. Journal of Materials and Environmental Science, 5(6): pp. 2021-2029. ISSN 2028-2508. Scopus Indexed.
117.	Chee Ming Chan, Norsuhaida Kamis, Radin Maya Saphira Radin Mohamed* (2014). Using a peat media for laundry greywater filtration: geochemical and water quality check. Middle-East Journal of Scientific Research, 21(8): 1365-1370. IDOSI. ISSN 1990-9233, Scopus Indexed, DOI: 10.5829/idosi.mejsr.2014.21.08.14522.
118.	Radin Maya Saphira Radin Mohamed* , Nurfaeza Abdul Rahman, Amir Hashim Mohd Kassim (2014). Moringa oleifera and Strychnos potatorum seeds as natural coagulant compared with synthetic common coagulants in treating car wash wastewater: Case study 1, Asian Journal of Applied Sciences, 2(5):pp. 693-700. ISSN: 2321 – 089. Scopus Indexed.
119.	Radin Maya Saphira Radin Mohamed* , Amir Hashim Mohd. Kassim, Martin Anda and Stewart Dallas (2014). Elemental mass balance of Na, Cl and B for the turf grass Irrigated with Laundry and Bathtub Greywater. Australian Journal of Basic and Applied Sciences, 8(15) September 2014: pp. 158-165. AENSI. ISSN: 1991-8178. Scopus Indexed
120.	Radin Maya Saphira Radin Mohamed* , Farah Hanim Che Aziz, Amir Hashim Bin Mohd Kassim (2014). An assessment of selected heavy metal concentrations (Pb, Cu, Cr, Cd, Ni, Zn) in university campus located in industrial area. ARPN Journal of Engineering and Applied Science, 9 (12), pp. 2724-2730, ISSN: 18196608. Scopus Indexed.
121.	Chan Chee Meng and Radin Maya Saphira Radin Mohamed (2013). Post-filtration compressibility characteristic of peat used as greywater filter media. Middle-East Journal of Scientific Research, vol. 17, no. 5, pp. 647-654, IDOSI. Scopus indexed. DOI: 10.5829/idosi.mejsr.2013.17.05.12130
122.	Radin Maya Saphira Radin Mohamed* , Amir Hashim Mohd. Kassim, Martin Anda and Stewart Dallas (2013). A monitoring of environmental effects from household greywater reuse for garden irrigation. Environmental Monitoring and Assessment. Vol 185, Issue 10, page 8473-8488. ISSN No. 0167-6369 (Printed), 1573-2959. (WoS, IF = 1.95, Q2). DOI: 10.1007/s10661-013-3189-0.
123.	Martin Anda, Radin Maya Saphira Radin Mohamed , Kuruvilla Mathew, Stewart Dallas and Goen Ho (2010). Decentralised wastewater treatment and recycling in urban villages. Water Practice & Technology, 5(3):1-11. IWA Publishing, Scopus Indexed. DOI:10.2166/wpt.2010.047.

TOTAL JOURNAL PUBLICATION IN WOS/SCOPUS INDEXED = 123

III. JOURNAL (GOOGLE SCHOLAR AND OTHER INDEXED)
--

NO	JOURNAL
1.	Nasaruddin, N. S., & Radin Mohamed, R. M. S.* (2021). An Overview of Activated Carbon Coconut Shell and Banana Trunk Fiber as Bio-Filter for Kitchen Wastewater Treatment. <i>Journal of Advancement in Environmental Solution and Resource Recovery</i> , 1(1), 29-35. Retrieved from https://publisher.uthm.edu.my/ojs/index.php/jaesrr/article/view/10050 . Google Scholar Indexed
2.	Mohd Sidin, S., & Radin Mohamed, R. M. S.* (2021). Potential Studies of Permeable Concrete With Palm Oil Fuel Ash (POFA) in Treating Laundry Greywater. <i>Recent Trends in Civil Engineering and Built Environment</i> , 2(1), 236-244. Retrieved from https://penerbit.uthm.edu.my/periodicals/index.php/rtecebe/article/view/1834 . Google Scholar Indexed
3.	Noorain Suhani, Radin Maya Saphira Radin Mohamed , Ab Aziz Abdul Latiff, Nazlizan Nasir, Baharin Ahmad, Adeleke Abdulrahman Oyekanmi, Halizah Awang, Zawawi Daud (2020) Removal of COD and Ammoniacal Nitrogen by banana trunk fiber with chitosan adsorbent, <i>Malaysian Journal of Fundamental And Applied Sciences</i> , Penerbit UTM Pres, 4, 243, ISSN:22895981. Google Scholar Indexed. DOI: 10.11113/mjfas.v16n2.1926
4.	Radin Maya Saphira Radin Mohamed* , Mohamad Nazmi Adnan, Mohd Arief Mohamed & Amir Hashim Mohd Kassim (2016). Conventional water filter (sand and gravel) for ablution water treatment, reuse potential, and its water savings. <i>Journal of Sustainable Development</i> ; Vol. 9, No. 1; 2016. ISSN 1913-9063 E-ISSN 1913-9071. Google Scholar. DOI:10.5539/jsd.v9n1p35.
5.	Radin Maya Saphira Radin Mohamed* , Noor Maisara bte Jais, Farah Hanim bt. Che Aziz, Amir Hashim bin Mohd. Kassim and Norzila Othman (2015). Heavy metal concentration in ambient air university campus located near the industrial area. <i>Applied Mechanics and Materials</i> , 773-774 pp 1189-1193. ISSN: 1662-7482. Scopus Indexed DOI:10.4028/www.scientific.net/AMM.773-774.1189
6.	Nur Atikah Ahmad Latiffi, Radin Maya Saphira Radin Mohamed* , Najeeha Mohd. Afandi and Amir Hashim Mohd. Kassim (2015). Application of phycoremediation using microalgae <i>Scenedesmus</i> sp. as wastewater treatment in removal of heavy metals from food stall wastewater (2015). <i>Applied Mechanics and Materials</i> , 773-774 (2015) pp 1168-1172. Scopus Indexed. DOI:10.4028/www.scientific.net/AMM.773-774.1168. ISSN: 1662-7482. Google Scholar
7.	Anwaruddin Ahmed Wurochekke, Radin Maya Saphira Radin Mohamed* , Siti Asmah Lokman, Amir Hashim Mohd. Kassim and Rafidah Binti Hamdan (2015). Sustainable extensive on-site constructed wetland for some bacteriological reduction in kitchen greywater. <i>Applied Mechanics and Materials</i> , 773-774 (2015) pp 1199-1204. Scopus Indexed DOI:10.4028/www.scientific.net/AMM.773-774.1199. ISSN: 1662-7482. Google Scholar
8.	Noor Maisara Jais, Radin Maya Saphira Radin Mohamed* , Wan Asma binti Wan Mohamad Apanidi and Hazel Monica Matias Peralta (2015). Removal of nutrients and selected heavy metals in wet market wastewater by using microalgae <i>Scenedesmus</i> sp. <i>Applied Mechanics and Materials</i> , 773-774 (2015) pp 1210-1214. 1210. ISSN: 1662-7482. Scopus Indexed. DOI:10.4028/www.scientific.net/AMM.773-774. Google Scholar
9.	Sabariah Musa, F. Denan, Rafidah Hamdan and Radin Maya Saphira Radin Mohamed (2015). Natural groundwater eco-treatment (N-GET) for water supply at Johor, Malaysia. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , Vol. 9, No.1. Pages 19-27, ISSN: 2289-7879. (WoS, IF = 1.09, Q3). Google Scholar
10.	Radin Maya Saphira Radin Mohamed* , Anwaruddin Ahmed Wurochekke, Chee-Ming Chan, and Amir Hashim bin Mohd. Kassim (2014). The use of natural filter media added with peat soil for household greywater treatment, <i>GSTF International Journal of Engineering Technology (JET)</i> , 2(4), pp. 33-38. DOI 10.7603/s40707-013-0011-x (Print ISSN: 2251-3701, E-periodical: 2251-371X). Google Scholar
11.	Radin Maya Saphira Radin Mohamed* , Anwaruddin Ahmed Wurochekke, Gazala Sanusi Misbah and Amir Hashim Mohd. Kassim (2014). Energy recovery from polyethylene terephthalane (PET) recycling process, <i>GSTF International Journal of Engineering Technology (JET)</i> , 2(4), pp. 39-44, April 2014. (Accepted 3 Apr 2014). DOI 10.7603/s40707-013-0012-9. (Print ISSN: 2251-3701, E-periodical: 2251-371X). Google Scholar
12.	Radin Maya Saphira Radin Mohamed* , Amir Hashim Mohd. Kassim, Martin Anda, Stewart Dallas

	(2014). The effects of elements mass balance from turf grass irrigated with laundry and bathtub greywater. International Journal of Applied Environmental Sciences, 9 (4): pp. 2033-2049. ISSN 0973-6077. Google Scholar
13.	Radin Maya Saphira Radin Mohamed* , Nurfaeza Abdul Rahman, Amir Hashim Mohd Kassim (2014). Moringa oleifera and Strychnos potatorum seeds as natural coagulant compared with synthetic common coagulants in treating car wash wastewater: Case study 1, Asian Journal of Applied Sciences, 2(5):pp. 693-700. ISSN: 2321 – 089. Google Scholar
14.	Radin Maya Saphira Radin Mohamed* , Amir Hashim Mohd. Kassim, Martin Anda and Stewart Dallas (2014). Elemental mass balance of Na, Cl and B for the turf grass Irrigated with Laundry and Bathtub Greywater. Australian Journal of Basic and Applied Sciences, 8(15) September 2014: pp. 158-165. AENSI. ISSN: 1991-8178. Google Scholar
15.	Radin Maya Saphira Radin Mohamed* , Norasyikin Mt. Nanyan, Nurfaeza Abdul Rahman, Nadira Mariam A Ibrahim Kutty, Amir Hashim Mohd. Kassim (2014). Colour removal of reactive dye from textile industrial wastewater using different types of coagulants. Asian Journal of Applied Sciences, 2(5):pp. 650-657. ISSN: 2321 – 0893, Google Scholar
16.	Radin Maya Saphira Radin Mohamed* , Nadira Mariam A. Ibrahim Kutty and Amir Hashim Mohd Kassim (2014). Efficiency of Using Commercial and Natural Coagulants in Treating Car Wash Wastewater Treatment. Australian Journal of Basic and Applied Sciences, 8(16) October 2014: pp. 227-234.AENSI. ISSN: 1991-8178. Google Scholar
17.	Anwaruddin Ahmed Wurochekke, Nurul Azma Harun, Radin Maya Saphira Radin Mohamed and Amir Hashim Bin Mohd Kassim (2014). Constructed wetland of Lepironia articulata for household greywater treatment. APCBEE Procedia (Elsevier), vol 10, pp. 103 – 109. ISSN: 2212-6708. Open access. Google Scholar. DOI:10.1016/j.apcbee.2014.10.025
18.	Radin Maya Saphira Radin Mohamed* , Chee Ming Chan, Hasyimah Ghani, Mohd Azarudin Mat Yasin, Amir Hashim Mohd Kassim (2013). Application of peat filter media in treating kitchen wastewater. International Journal of Zero Waste Generation. Vol 1, No 1, pp 11-16. ISSN: 2289-4497. Google Scholar
19.	Radin Maya Saphira Radin Mohamed , Amir Hashim Mohd. Kassim, Martin Anda and Stewart Dallas (2012). Zero-tension lysimeter for use in greywater irrigation monitoring, International Journal of Integrated Engineering, Vol. 4 No. 2 (2012). ISSN No. 2229-838X. pp 15-21. Google Scholar
20.	Amit Gross, Radin Maya Saphira Radin Mohamed* , Amir Hashim Mohd. Kassim, Martin Anda and Stewart Dallas and Goen Ho (2011). Effectiveness of wetting agents for irrigating sandy soils. Water (Australia), Horticultural Use, 38 (2):1-4. Google Scholar

TOTAL JOURNAL PUBLICATION IN GOOGLE SCHOLAR/OTHER INDEXED = 20

IV. PROCEEDING PAPER (INDEXES OR NON-INDEXES)
--

1.	Siti Nur Ezianie Mohamad A'Ashri, Radin Maya Saphira Radin Mohamed* , Nur Nabilah Mohd Noor, Adel Al-Gheethi, Mohd Hairul Khamidun, Dihom Hussin Ramadhan Hassan (2022). Characterisation of Macrophyte Eleocharis dulcis for potential selected bioproducts, E3S Web of Conferences 347, 02012, https://doi.org/10.1051/e3sconf/202234702012
2.	Siti Nasihah Ramdzan, Radin Maya Saphira Radin Mohamed* , Nur Hazirah Kamaruzaman, Adel Ali Saeed Al- Gheeti, Rafidah Hamdan, Sabariah Musa (2022). Pre- treatment of laundry greywater by steel slag for safe disposal, IOP Conference Series. Scopus Indexed. 1022, 012060, doi:10.1088/1755-1315/1022/1/012060
3.	G Yashni, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Vikneswara Abirama Shanmugan, Juliza Abu Bakar (2021). Characterization of Coriandrum sativum leaves as a sustainable green biosorbent. Material Today: Proceeding. Scopus Indexed. DOI: 10.1016/j.matpr.2021.02.816
4.	G Yashni, Adel Al-Gheethi, Radin Mohamed , Vikneswara Abirama Shanmugan, Mohammed Nasser Ali Al-Sahari (2021). Phytotoxicity evaluation of ZnO nanoparticles synthesized from Corriandrum sativum leaf extract. Material Today: Proceeding. Scopus Indexed. DOI: 10.1016/j.matpr.2021.02.816
5.	SAM Tajuddin, JA Rahman, RMSR Mohamed , A Al-Gheethi. (2021). Physical Simulation for Effect Seasons and Fertilizer on Solidified Fabric Peat Soil; A Soil Column Model Study. IOP Conference

	Series: Materials Science and Engineering. 1144 (1), 012054. Scopus Indexed.DOI: 10.1088/1757-899X/1144/1/012054
6.	G. Yashni, Radin Maya Saphira Radin Mohamed , Adel Al-Gheethi, Siti Nor Hidayah Arifin. (2021). Discharge quality of bathroom greywater effects on soil and treatment by solar water distillation. Material Today: Proceeding. Scopus Indexed. DOI: 10.1016/j.matpr.2020.12.1082.
7.	Siti Nor Hidayah Arifin, Radin Maya Saphira Radin Mohamed , Norehan Rohaizad Ismail, Adel Al-Gheethi, Siti Asmah Bakar. (2021). Effects of direct discharge of domestic greywater to nearby water body, Material Today: Proceeding. Scopus Indexed. DOI: 10.1016/j.matpr.2021.01.038
8.	G. Yashni, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , Siti Nor Hidayah Arifin, Vikneswara Abirama Shanmugan, Amir Hashim Mohd Kassim (2020) Photocatalytic Degradation Of Basic Red 51 Dye In Artificial Bathroomgreywater Using Zinc Oxide Nanoparticles, ELSEVIER , 136, ISBN:22147853
9.	Zubaidah Md Saleh, Radin Maya Saphira Radin Mohamed , Adel Al-Gheethi, Noor Yasmin Zainun, Nor Amani Filzah Mohd. Kamil (2020) Optimizing Decomposition Of Food Wastes Using Response Surface Methodology, Material Today: Proceeding.ELSEVIER , 96, ISBN:22147853. Scopus Indexed
10.	Efaq Noman, Balkis A. Talip, Adel Al-Gheethi, Radin Mohamed , H. Nagao (2020) Decolourisation Of Dyes In Greywater By Mycoremediation And Mycosorption Process Of Fungi From Peatland; Primary Study, Material Today: Proceeding.ELSEVIER , 23, ISBN:22147853. Scopus Indexed
11.	Ali Hauashdh, Radin Maya Saphira Raden Mohamed , Junaidah Jailani, Junita Abdul Rahman (2020) Stabilization Of Peat Soil Using Fly Ash, Bottom Ash And Coal Ash Waste Reduction Approach, IOP PUBLISHING LTD , 1, ISBN:17551315. Scopus Indexed
12.	G Yashni, K B Willy, A A Al-Gheethi, R M S R Mohamed , S N A Mohd Salleh and M K Amir Hashim (2020) A Review On Green Synthesis Of Zno Nanoparticles Using Coriandrum Sativum Leaf Extract For Degrading Dyes In Textile Wastewater: A Prospect Towards Green Chemistry, IOP PUBLISHING LTD. , 1, ISBN:17578981. Scopus Indexed
13.	R M S R Mohamed , N M Jais , S A M Tajuddin , A A S Al-Gheethi , A H M Kassim and M E Abdullah (2020) Determination Of Heavy Metal Concentration Of Benut River At Simpang Renggam, Johor, Institute of Physics Publishing , 1, ISBN:17551307. Scopus Indexed
14.	Muhammad Safwan Miswan, Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Amir Hashim Mohd Kassim (2019). Preliminary Assessment of Teknologi Lake Quality Status at Universiti Tun Hussein Onn Malaysia (UTHM) Campus in Parit Raja, Johor, Malaysia, Journal IOP Conference Series: Materials Science and Engineering 601 (1), 012013. Scopus Indexed
15.	E Noman, AA Al-Gheethi, NK Rahman, B Talip, R Mohamed , OA Kadir (2018). Single Spore Isolation as a Simple and Efficient Technique to obtain fungal pure culture, IOP Conference Series: Earth and Environmental Science 140 (1), 012055. Scopus Indexed
16.	Syafik Akmal Mohd Tajuddin, Junita Abdul Rahman, Nor Haakmal Abd Rahim, Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Abduh Algeethi (2018). Influence of Potassium on Sapric Peat under Different Environmental Conditions, IOP Conference Series: Earth and Environmental Science 140 (1), 012073. Scopus Indexed
17.	JA Rahman, AMA Napia, MAA Nazri, R Mohamed , AS Al-Geethi (2018). A Study on Factors Affecting Strength of Solidified Peat through XRD and FESEM Analysis, IOP Conference Series: Earth and Environmental Science 140 (1), 012059. Scopus Indexed
18.	NM Jais, R Mohamed , N Apandi, AA Al-Gheethi (2018). Heavy metals removals from wet market wastewater by phycoremediation technology, IOP Conference Series: Earth and Environmental Science 140 (1), 012060. Scopus Indexed
19.	SAli Hauashdh, Radin Maya Saphira Radin Mohamed , Junita Abd Rahman and Junaidah Jailani (2018) Analysis Of Leachate From Solidified Peat Soil, EDP Sciences, 1, ISBN:2261236X. Scopus Indexed
20.	AA Al-Gheethi, Radin Maya Saphira Radin Mohamed , AA Wurochekke, NR Nurulainee, J Mas Rahayu, MK Amir Hashim (2018) Efficiency Of Moringa Oleifera Seeds For Treatment Of Laundry Wastewater, EDP Sciences, 1, ISBN:2261236X. Scopus Indexed
21.	AM Tajuddin, JA Rahman, R Mohamed (2018). Study on Magnesium in Rainwater and Fertilizer Infiltration to Solidified Peat, IOP Conference Series: Earth and Environmental Science 140 (1), 012056. Scopus Indexed
22.	JA Rahman, R Mohamed , AA Al-Gheethi (2018). Microbial Activity in Peat Soil Treated with Ordinary Portland Cement (OPC) and Coal Ashes, IOP Conference Series: Earth and Environmental Science 140 (1), 012087. Scopus Indexed

23.	NH Ab Durahim, J Abd Rahman, SF Mohd Tajuddin, RMSR Mohamed , AA Al-Gheethi, AH Mohd Kassim (2018). Site Simulation of Solidified Peat: Lab Monitoring, IOP Conference Series: Earth and Environmental Science 140 (1), 012077.
24.	N Apandi, RMSR Mohamed , A Al-Gheethi, A Latiffi, SNH Arifin, P Gani (2018). Phycoremediation of Heavy Metals in Wet Market Wastewater, IOP Conference Series: Earth and Environmental Science 140 (1), 012017. Scopus Indexed
25.	RMSR Mohamed , AA Al-Gheethi, AA Wurochekke, AY Maizatul, HM Matias-Peralta, AH Mohd Kassim (2018). Nutrients removal from artificial bathroom greywater using <i>Botryococcus</i> sp. Strain, IOP Conference Series: Earth and Environmental Science 140 (1), 012026. Scopus Indexed
26.	Radin Maya Saphira Radin Mohamed , Alfituri Ibrahim Abdullah Abuala, Najeeha Mohd. Apandi, Adel Al-Gheethi, Aisha A. Amhimmid AlQantosh and Amir Hashim Mohd. Kassim (2018) Reduction of Nutrients in Public Market Wastewater by Phycoremediation, SEE GEOMATE, 1, ISBN:9784909106018
27.	E Noman, AA Al-Gheethi, NK Rahman, B Talip, R Mohamed , OA Kadir (2018). Single Spore Isolation as a Simple and Efficient Technique to obtain fungal pure culture, IOP Conference Series: Earth and Environmental Science 140 (1), 012055. Scopus Indexed
28.	Syafik Akmal Mohd Tajuddin, Junita Abdul Rahman, Nor Haakmal Abd Rahim, Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Abduh Algeethi (2018). Influence of Potassium on Sapric Peat under Different Environmental Conditions, IOP Conference Series: Earth and Environmental Science 140 (1), 012073. Scopus Indexed
29.	Siti Nor Hidayah Arifin, Radin Maya Saphira Radin Mohamed , Nurul Fadilah Mohd Saupi and Nurul Haakmal AB Durahim (2018). Ablution Water Treatment Of Enhancing Water Quality By Using Solar Disinfection (Sodis) Method, UNIKL MICET MELAKA, 178, ISBN:9789672184140
30.	NAA Latiffi, RMSR Mohamed , NM Apandi, RM Tajuddin (2017). Preliminary Assessment of Growth Rates on Different Concentration of Microalgae <i>Scenedesmus</i> sp. in Industrial Meat Food Processing Wastewater, MATEC Web of Conferences 103, 06010, EDP Sciences, Scopus Indexed. DOI: 10.1051/mateconf/201710306010
31.	RMSR Mohamed , AA Al-Gheethi, JA Rahman, AHM Kassim, S Musa (2017). Reuse of Ablution Water to Improve Peat Soil Characteristics for Ornamental Landscape Plants Cultivation, MATEC Web of Conferences 103, 05003, EDP Sciences, Scopus Indexed. DOI: 10.1051/mateconf/201710305003
32.	NM Apandi, RMSR Mohamed , NAA Latiffi, NFM Rozlan, AAS Al-Gheethi (2017). Protein and Lipid Content of Microalgae <i>Scenedesmus</i> sp. Biomass Grown in Wet Market Wastewater, MATEC Web of Conferences 103, 06011, EDP Sciences, Scopus Indexed. DOI: 10.1051/mateconf/201710306011.
33.	A. A. Al-Gheethi, A. N. Efaq, R. M. S. R. Mohamed , M. O. Abdel-Monem, Abd Halid Abdullah, H. K. Amir (2017). Bio-Removal Of Nickel Ions By <i>Sporosarcina Pasteurii</i> And <i>Basillus Megaterium</i> , A Comparative Study, IOP Publishing , 1, ISBN:1757899X
34.	Nur Atikah Ahmad Latiffi, Radin Maya Saphira Radin Mohamed , Najeeha Mohd Apandi and Ramlah Mohd Tajuddin (2017) Experimental Assessment on Effects of Growth Rates Microalgae <i>Scenedesmus</i> Sp. In Different Conditions Of Ph, Temperature, Light Intensity And Photoperiod, Trans Tech Publications Ltd , 546, ISBN:9783035711165
35.	Radin Maya Saphira Radin Mohamed , Najeeha Apandi, Siti Nor Hidayah Arifin, A.A.S. Al-Gheethi And Amir Hashim Mohd Kassim (2017) Heavy Metals In Microalgae Biomass Added With Different Concentration Of Wet Market Wastewater, THE GEOMATE INTERNATIONAL SOCIETY , 417, ISBN:978499059589
36.	Radin Maya Saphira Radin Mohamed , Haritharan Maniam, Najeeha Apandi, A.A.S. Al-Gheethi and Amir Hashim Mohd. Kassim (2017) Microalgae Biomass Recovery Grown In Wet Market Wastewater Via Flocculation Method Using <i>Moringa Oleifera</i> , Trans Tech Publications Ltd , 542, ISBN:9783035711165
37.	A Al-Gheethi A, A.N. Efaq, R.M. Mohamed , M. Abdel-Monem And M. Amir Hashim (2017). Potential Of <i>Staphylococcus Xylosus</i> Strain For Recovering Nickel Ions From Aqueous Solutions, AIP PUBLISHING, 1, ISBN:15517616
38.	Nur Atikah Ahmad Latiffi, Radin Maya Saphira Radin Mohamed , Najeeha Mohd Apandi and Ramlah Mohd Tajuddin (2017) Preliminary Assessment Of Growth Rates On Different Concentration Of Microalgae <i>Scenedesmus</i> Sp. In Industrial Meat Food Processing Wastewater. EDP SCIENCES , 1, ISBN:2261236X
39.	Najeeha Mohd Apandi, Radin Maya Saphira Radin Mohamed , Nur Atikah Ahmad Latiffi, Nur Farahanim Mohd Rozlan And A.A.S. Al-Gheethi (2017) Protein And Lipid Content Of Microalgae <i>Scenedesmus</i> Sp. Biomass Grown In Wet Market Wastewater, EDP SCIENCES, 1, ISBN:2261236X

40.	Amir Hashim Mohd Kassim, Siti Mariam Sulaiman, Radin Maya Saphira Radin Mohamed And Adel Ali Saeed Al Gheethi (2017) Rainwater Harvesting Study At Masjid Jamek Riyahdus Solihin, Pintas Puding, Batu Pahat Johor Malaysia, THE GEOMATE INTERNATIONAL SOCIETY , 1, ISBN:978499059589
41.	AA Al-Gheethi, RMSR Mohamed , AA Wurochekke, NR Nurulainee, J Mas Rahayu, MK Amir Hashim (2017). Efficiency of Moringa oleifera Seeds for Treatment of Laundry Wastewater, MATEC Web of Conferences 103, 06001, EDP Sciences, Scopus Indexed. DOI: 10.1051/mateconf/201710306001.
42.	Radin Maya Saphira Radin Mohamed , Najeeha Apandi, Siti Nor Hidayah Arifin, A.A.S. Al-Gheethi And Amir Hashim Mohd Kassim (2017) Heavy Metals In Microalgae Biomass Added With Different Concentration Of Wet Market Wastewater, The Geomate International Society, 417, ISBN:978499059589
43.	AA Al-Gheethi, R Mohamed , MAA Rahman, MR Johari, AHM Kassim. (2016). Treatment of Wastewater from Car Washes Using Natural Coagulation and Filtration System, IOP Conference Series: Materials Science and Engineering 136 (1), 012046. Scopus Indexed.
44.	R Mohamed , NMS Nizam, AA Al-Gheethi, A Lajis, AHM Kassim (2016). Particulate Matter Levels in Ambient Air Adjacent to Industrial Area, IOP Conference Series: Materials Science and Engineering 136 (1), 012056. Scopus Indexed.
45.	R.M.S. Radin Mohamed , M. Anda, S. Dallas and G. Ho (2009). The impact of laundry and bathroom greywater reuse for irrigation-A review. Presented at the 3rd Specialised Conference on Decentralised Water & Wastewater International Network, 11-13 November 2009, Kathmandu, Nepal, organized by International Water Association (IWA), pg. 34.
46.	R.M.S. Radin Mohamed , M. Anda, S. Dallas and G. Ho (2009). Nutrient leaching from greywater irrigation: Case studies. Presented at the 6th International Water Sensitive Urban Design Conference and Hydropolis #3, 5-8 May 2009, Perth, Australia, principal organized by Water Corporation, Conference proceedings, pg. 154-155.
47.	Le N.T., R.M.S. Radin Mohamed , S. Dallas, M. Anda and G. Ho (2008). Towards wastewater nutrient cycling: Assessment of decentralised systems in urban villages, AWA Onsite and Decentralised Sewerage Conference, organised by Australian Water Association (AWA) and Environmental Health Australia (EHA), 12-15th October 2008, Benalla, Victoria, Australia, 158-163.
48.	R.M.S. Radin Mohamed , M. Anda, S. Dallas and G. Ho (2008). Monitoring nutrients from greywater irrigation: Performance of different lysimeter types. Presented at the Onsite and Decentralised Sewerage and Recycling Conference, organised by Australian Water Association (AWA) and Environmental Health Australia (EHA), Conference Proceedings, pg. 357-364, 12-15 October 2008, Benalla, Victoria, Australia.

PROCEEDING PAPER IN INDEXED AND NON-INDEXED = 48

V. BOOKS/EDITED BOOK

1.	Adel Ali Saeed Al-Gheethi, Radin Maya Saphira Radin Mohamed , Efaq Ali Noman, Kamal Hezam (2020) Covid-19 Pandemic, UTHM , 1, ISBN:9789672389644
2.	Rafidah Hamdan, Radin Maya Saphira Radin Mohamed , Sallehuddin Shah Bin Ayop, Mohammad Nasir Bin Mohamad Taher, Mustaffa Bin Anjang Ahmad, Mohd Effendi Bin Daud (2020) Covid-19: Hikmah Dan Cabaran, UTHM , 1, ISBN:9789672389651
3.	Muhanna Mohammed Alshaibani, Radin Maya Saphira Radin Mohamed , Nur Adila Ab. Aziz, Adel Ali Saeed Al-Gheethi (2020) Empowering Effective Environmental Engineering Approach Toward Industrial Revolution 4.0, UTHM , 1, ISBN:9789672916406
4.	Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Mohd. Hairul Khamidun (2020) Managing The Local Environmental Issues, UTHM , 1, ISBN:9789672389651
5.	Adel Ali Saeed Al-Gheethi, Radin Maya Saphira Radin Mohamed , Efaq Ali Noman, Amir Hashim Mohd Kassim (2020) Prospects Of Fresh Market Wastes Management In Developing Countries, Springer International Publishing , 1, ISBN:9783030426408
6.	Nor Syafiqah Ghadzali, Siti Nor Aishah Mohd. Salleh, Radin Maya Saphira Radin Mohamed , Rafidah Hamdan (2020) Water And Environmental Engineering (Vol 4), UTHM , 1, ISBN:9789672916390

7.	Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Amir Hashim Mohd. Kassim, Sabariah Musa (2019) Experiential Learning Through Nature Conservation Programme, UTHM , 1, ISBN:9789672306795
8.	Radin Maya Saphira , Adel Ali Saeed Al-Gheethi, Amir Hashim Mohd. Kassim (2019) Nurturing Young Kids To Love Nature, UTHM , 1, ISBN:9789672306788
9.	Adel Al-Gheethi, Efaq Noman, Radin Mohamed , Mohd Adib Mohammad Razi, M. K. Amir Hashim (2018) Handbook Of Environmental Materials Management, Springer, Cham , 1, ISBN:9783319585
10.	Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Amir Hashim Mohd Kassim (2018) Management Of Greywater In Developing Countries Alternative Practices, Treatment And Potential For Reuse And Recycle, Springer , 1, ISBN:9783319902685
11.	Syazwani Mohd. Asharuddin, Radin Maya Saphira Radin Mohamed , Nor Amani Filzah Binti Mohd Kamil (2018) Water And Environmental Issues (Vol 2), Micropollutant Research Centre (Mprc), UTHM , 1, ISBN:9789672183945
12.	Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Norzila Othman (2017) Integrated Water Resources Protection - Vol 1, UTHM , 1, ISBN:978-967-0764-99-3
13.	Radin Maya Saphira Radin Mohamed , Norzila Othman and Mohd. Adib Bin Mohammad Razi (2017) Water And Environmental Issues (Vol 1) , UTHM , 1, ISBN:978-967-2110-54-5

BOOK/EDITED BOOK = 13

VI. CHAPTER IN BOOK

1.	Junita Abd Rahman, Radin Maya Saphira Radin Mohamed , Nor Haakmal Ab Durahim, Syafik Akmal Tajuddin, Adel Ali Saeed Al-Gheethi (2022) Mathematical Modelling And Simulation Of Chemical And Biological Reaction In Peat Solidification Work For Environmental Sustainability, Earth Systems Protection And Sustainability, Springer , 127, ISBN:9783030985837
2.	Tajuddin, M. F., Al-Gheethi, A. A. S. A., Mohamed, R. M. S. R. & Kadir, A. A. (2021) Chapter 4: Using Chitosan Beads For Removing Heavy Metals From Car Wash Services, Potential Technologies For Wastewater Treatment, UTHM, 22, ISBN:9789672975564
3.	Jais, N. M., Mohamed, R. M. S. R. , Fauzi, M. S. M. and Al-Gheethi A.A.S (2020) Domestic Wastewater Treatment Using Multi-Layer Constructed Wetlands: An Overview, Water And Environmental Engineering (Vol. 4), UTHM, 38, ISBN:9789672916390
4.	Noor Maisara Jais and Radin Maya Saphira Radin Mohamed (2020) Nature Versus Built, Managing The Local Environmental Issues, UTHM, 1, ISBN:978967238965
5.	Salah Saleh Habtoor, Mohd Arif Agam, Adel Al-Gheethi, Radin Mohamed , and Efaq Noman (2020) Bio-Nanotechnology Application In Wastewater Treatment, Bio-Nanotechnology Application In Wastewater Treatment, Springer International Publishing, 33, ISBN:9783030426408
6.	M. S. Miswan, Radin Maya Saphira Radin Mohamed and Adel Al-Gheethi (2020) Biofilter Aquaponic System For Nutrients Removal From Fresh Market Wastewater, Prospects Of Fresh Market Wastes Management In Developing Countries, Springer International Publishing, 119, ISBN:9783030426408
7.	Adel Al-Gheethi, Efaq Noman, Radin Mohamed , Qais Al-Maqtari, Reyad Almoheer, Shaima Abdul-Fattah Gamal, Kamal Hezam, Balkis Talip (2020) Coronavirus (Sars-Cov-2) In Early Stages of The Pandemic; Overview, Covid-19 Pandemic, UTHM , 8, ISBN:9789672389644
8.	Mohammed Al-Sahari, Efaq Noman, Adel Al-Gheethi, Radin Maya Saphira Radin Mohamed , and Balkis Talip (2020) Management Practices Of Fresh Market Wastes And Impacts On Environmental Health, Prospects Of Fresh Market Wastes Management In Developing Countries, Springer International Publishing, 1, ISBN:9783030426408
9.	Nur Diyana Hairuddin, Balkis A. Talip, Neo Zhi Zing, Radin Mohamed , Adel Al-Gheethi, Norhayati Muhammad, Norazlin Abdullah, Ernna Eryanna Mohd Kahar, and Shakila Abdullah (2020) Microalgae Production In Fresh Market Wastewater And Its Utilization As A Protein Substitute In Formulated Fish Feed For Oreochromis Spp., Prospects Of Fresh Market Wastes Management In

	Developing Countries, Springer International Publishing , 77, ISBN:9783030426408
10.	Adel Al-Gheethi, Efaq Ali Noman, Balkis A. Talip, and Radin Maya Saphira Radin Mohamed (2020) Microbial Fuel Cells: A Green And Alternative Source For Bioenergy Production, Prospects Of Fresh Market Wastes Management In Developing Countries, Springer International Publishing , 89, ISBN:9783030426408
11.	Mohammed Al-Sahari, Adel Al-Gheethi, and Radin Mohamed (2020) Natural Coagulates For Wastewater Treatment; A Review For Application And Mechanism, Prospects Of Fresh Market Wastes Management In Developing Countries, Springer International Publishing 17, ISBN:9783030426408
12.	Noor Maisara Jais and Radin Maya Saphira Radin Mohamed (2020) Nature Versus Built, Managing The Local Environmental Issues, UTHM, 1, ISBN:9789672389651
13.	Efaq Noman, Adel Al-Gheethi, Radin Mohamed , Najeeb Al-Shorgani, Balkis Talip, Kamal Hezam, Norzila Othman (2020) Pathophysiology, Histopathology And Therapeutic Of Sars-Cov-2, Covid-19 Pandemic, UTHM 64, ISBN:9789672389644
14.	G. Yashni, Adel Al-Gheethi, Radin Mohamed , Siti Nor Aishah Mohd Salleh (2020) Pharmaceuticals Active Compounds In The Aquatic Environment: A Review, Water And Environmental Engineering (Vol. 4), UTHM, 120, ISBN:9789672916390
15.	Efaq Noman, Adel Al-Gheethi, Balkis A. Talip, and Radin Mohamed (2020) Qualitative Characterization Of Healthcarewastes, Prospects Of Fresh Market Wastes Management In Developing Countries, Springer International Publishing , 167, ISBN:9783030426408
16.	Bakar Radhi Baker, Radin Mohamed , Adel Al-Gheethi and Hamidi Abdul Aziz (2020) Reduction Of Seafood Processing Wastewater Using Technologies Enhanced By Swim?Bed Technology, Prospects Of Fresh Market Wastes Management In Developing Countries, Springer International Publishing , 101, ISBN:9783030426408
17.	Adel Al-Gheethi, Efaq Noman, Qais Al-Maqtari, Reyad Almoheer, Radin Mohamed , Rafidah Hamdan (2020) Survival And Disinfection of Sars-Cov-2 In Environment And Contaminated Surface, Covid-19 Pandemic, UTHM. 104, ISBN:9789672389644
18.	N. M. Jais, M. S. Miswan, Radin Mohamed , and A. A. Al-Gheethi (2020) Treatment Technologies Of Fresh Market Wastewater, Prospects of Fresh Market Wastes Management In Developing Countries, Springer International Publishing, 59, ISBN:9783030426408
19.	Handbook of Algal Technologies and Phytochemicals: Volume II: Phycoremediation, Biofuels And Global Biomass Production, CRC Press, Taylor & Francis Group (2019), 1, ISBN:9780429057892 Najeeha Mohd. Apandi, Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, and Amir Hashim Mohd. Kassim
20.	Mohanad Jawad Abbas, Mohammed Al-Sahari, Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi and Azra Munirah Mat Daud (2019) An Overview of Dye Wastewater And Its Treatment Via Coagulation-Flocculation With Iron Chloride, Water And Environmental Engineering (Vol. 3), UTHM, 49, ISBN:9789672389118
21.	Muhammad Asyraf Zulkipli, Juliza Abu Bakar, Radin Maya Saphira Radin Mohamed and Adel Ali Saeed Al-Gheethi (2019) Significance Impact Of Seafood Processing Wastewater Effluent, Water And Environmental Engineering (Vol. 3), UTHM, 105, ISBN:9789672389118
22.	Najeeha Mohd. Apandi, Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, and Amir Hashim Mohd. Kassim (2019) Wastewater Phycoremediation By Microalgae For Sustainable Bioproduct Production, Handbook Of Algal Technologies And Phytochemicals: Volume II: Phycoremediation, Biofuels And Global Biomass Production, CRC Press, Taylor & Francis Group , 1, ISBN:9780429057892
23.	Water and Environmental Issues (Vol. 2), UTHM (2018), 65, ISBN:9789672183945 Yashni A/P Gopalakrishnan, Siti Hidayah Ariffin, Adel Al Gheethi, Radin Maya Saphira Radin Mohamed , Shahrullneeza Bin Said, Mohd Sazwan Bin Azizan, Steven Suat Anak Nandong, Nurhasyima Binti Ismail And Nurfasha Aqilah Binti Shamsul
24.	Management of Greywater in Developing Countries, Springer (2018), 73, ISBN:9783319902685 Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed , Balkis A Talip, Abd Halid Abdullah, Amir Hashim Mohd Kassim
25.	Handbook of Environmental Materials Management, Springer (2018), 1, ISBN:978-3-319-58538-3 Adel Al-Gheethi, Efaq Noman, Radin Mohamed , Mohd Adib Mohammad Razi, And M. K. Amir Hashim
26.	Management of Greywater in Developing Countries, Springer (2018), 245, ISBN:9783319902685

	As Vikneswara, Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Amir Hashim Mohd Kassim, Norzila Othman
27.	Management of Greywater in Developing Countries, Springer (2018), 205, ISBN:9783319902685 Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed , Najeeha Mohd Apandi, Maizatul Azrina Yaakob, Fadzilah Pahazri, Amir Hashim Mohd Kassim
28.	Management of Greywater in Developing Countries, Springer (2018), 1, ISBN:9783319902685 Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed , J. D. Bala And Amir Hashim Mohd Kassim
29.	Management of Greywater in Developing Countries, Springer (2018), 149, ISBN:9783319902685 AA Wurochekke, Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Amir Hashim Mohd Kassim
30.	Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Amir Hashim Mohd Kassim, Anda Martin, Stewart Dallas, Mohd Hairul Bin Khamidun (2018) A Potential Reuse Of Greywater In Developed And Developing Countries, Management Of Greywater In Developing Countries, Springer, 109, ISBN:9783319902685
31.	Efaq Ali Noman, Adel Ali Saeed Al-Gheethi, Balkis A Talip, Radin Maya Saphira Radin Mohamed , H Nagao, Amir Hashim Mohd Kassim, Junita Abdul Rahman (2018) Bioremediation of Xenobiotic Organic Compounds In Greywater By Fungi Isolated From Peatland, A Future Direction, Management of Greywater In. Developing Countries, Springer , 163, ISBN:9783319902685
32.	A Athirah, Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed , Amir Hashim Mohd Kassim (2018) Centralised and Decentralised Transport Systems for Greywater and The Application of Nanotechnology For Treatment Processes, Management Of Greywater In Developing Countries, Springer , 227, ISBN:9783319902685
33.	Efaq Ali Noman, Adel Ali Saeed Al-Gheethi, Radin Maya Saphira Radin Mohamed , Balkis A Talip, H Nagao, Amir Hashim Mohd Kassim, Siti Asmah Bakar (2018) Consequences Of The Improper Disposal Of Greywater, Management Of Greywater In Developing Countries, Springer , 33, ISBN:9783319902685
34.	Adel A. S. Banana, Efaq Noman, A. A. Al-Gheethi, Radin Maya Saphira Radin Mohamed , M. K. Amir Hashim and Yousef Aribi Hassairi (2018) Determination of Mercury In Human Blood And Hair Samples From The People Living Environment, Recent Advances In Environmental Science From The Euro-Mediterranean And Surrounding Regions, Springer , 1, ISBN:978-3-319-70547-7
35.	Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed , Amir Hashim Mohd Kassim (2018) Determination Of Pathogens In Greywater, Management Of Greywater In Developing Countries, Springer , 51, ISBN:9783319902685
36.	Radin Maya Saphira Radin Mohamed , Adel Al-Gheethi, AN Welfrad, MK Amir Hashim (2018) Development In-House: A Trap Method For Pretreatment Of Fat, Oil, And Grease In Kitchen Wastewater, Handbook Of Environmental Materials Management, Springer Nature , 1, ISBN:9783319736457
37.	Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed , Balkis A Talip, Amir Hashim Mohd Kassim, Norli Ismail (2018) Disinfection Technologies For Household Greywater, Management Of Greywater In Developing Countries, Springer, 185, ISBN:9783319902685
38.	Muhammad Irfan Syafri Bin Saifullizan, Erna Mariana Anak Jumat, Elvida Runai Anak Dang, Nurnabila Binti Ithnain, Siti Hanisah Binti Ab. Aziz, Radin Maya Saphira Radin Mahamed And Adel Al-Gheethi (2018) Food Waste Composting In Cafeterias: A Case Study, Water And Environmental Issues (Vol. 2), UTHM, 55, ISBN:9789672183945
39.	Adel A. S. Banana, Efaq Noman, Aa Al-Gheethi, R.M.S.R. Mohamed And Amir Mk Hashim (2018) Heavy Metals Assessment In Environments Adjacent To Petrochemical Industry Zone In Libya, Recent Advances In Environmental Science From The Euro-Mediterranean And Surrounding Regions, Springer, 1, ISBN:978-3-319-70547-7
40.	O. Abdulrahman Adeleke, Ab Aziz Abdul Latiff, Mohammed Radin Saphira , Zawawi Daud, Norli Ismail, Amimul Ahsan, Nur Adila Ab Aziz, Mohammed Ndah, Vicky Kumar, Adel Al-Gheethi, M. Arif Rosli, Mahmood Hijab (2018) Locally Derived Activated Carbon from Domestic, Agricultural and Industrial Wastes for The Treatment Of Palm Oil Mill Effluent, Nanotechnology In Water And Wastewater Treatment Theory And Applications, Elsevier, 35, ISBN:9780128139028
41.	Adel Al-Gheethi, Efaq Ali Noman, Radin Mohamed , Abd. Halid Abdullah, And M. K. Amir Hashim (2018) Microbial Risk Associated with Application of Biosolids In Agriculture, Handbook Of

	Environmental Materials Management, Springer International Publishing, 1, ISBN:978-3-319-58538-3
42.	Aa Wurochekke, Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Amir Hashim Mohd Kassim (2018) Phycoremediation: A Green Technology For Nutrient Removal From Greywater, Management Of Greywater In Developing Countries, Springer 149, ISBN:9783319902685
43.	Oyekanmi Abdulrahman Adeleke, Ab Aziz Abdul Latiff, Mohammed Radin Saphira , Zawawi Daud, Norli Ismail, Amimul Ahsan, Nur Adila Ab Aziz, Adel Al-Gheethi, Vicky Kumar, Ayeronfe Fadilat, Najeeya Apanidi (2018) Principles And Mechanism Of Adsorption For The Effective Treatment Of Palm Oil Mill Effluent For Water Reuse, Nanotechnology In Water And Wastewater Treatment: Theory And Applications, Elsevier, 1, ISBN:9780128139028
44.	Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed , J. D. Bala And Amir Hashim Mohd Kassim (2018) Qualitative Characterization Of Household Greywater In Developing Countries: A Comprehensive Review, Management Of Greywater In Developing Countries, Springer, 1, ISBN:9783319902685
45.	Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed , Najeeha Mohd Apanidi, Maizatul Azrina Yaakob, Fadzilah Pahazri, Amir Hashim Mohd Kassim (2018) Recycle Of Greywater For Microalgae Biomass Production, Management Of Greywater In Developing Countries, Springer, 205, ISBN:9783319902685
46.	As Vikneswara, Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Amir Hashim Mohd Kassim, Norzila Othman (2018) Removal Of Nutrients From Meat Processing Wastewater Through The Phycoremediation Process, Management Of Greywater In Developing Countries, Springer , 245,ISBN:9783319902685.
47.	Adel Al-Gheethi, Efaq Noman, Radin Mohamed , Mohd Adib Mohammad Razi, And M. K. Amir Hashim (2018) Removal Of Pharmaceutically Active Compounds From Contaminated Water And Wastewater Using Biochar As Low-Cost Adsorbents: An Overview, Handbook Of Environmental Materials Management, Springer, 1, ISBN:978-3-319-58538-3
48.	Adel Ali Saeed Al-Gheethi, Efaq Ali Noman, Radin Maya Saphira Radin Mohamed , Balkis A Talip, Abd Halid Abdullah, Amir Hashim Mohd Kassim (2018) Reuse Of Greywater For Irrigation Purpose, Management Of Greywater In Developing Countries, Springer , 73, ISBN:9783319902685
49.	Yashni A/P Gopalakrishnan, Siti Hidayah Ariffin, Adel Al Gheethi, Radin Maya Saphira Radin Mohamed , Shahrullneeza Bin Said, Mohd Sazwan Bin Azizan, Steven Suat Anak Nandong, Nurhasyima Binti Ismail And Nurfasha Aqilah Binti Shamsul (2018) The Use Personal Care Products Among Students And Their Potential Effects To The Environment, Water And Environmental Issues (Vol. 2), UTHM, 65, ISBN:9789672183945
50.	R. M. S. Radin Mohamed , Adel Al-Gheethi, Muhammad Shabery Sainudin, And M. K. Amir Hashim (2018) Treatment Of Domestic Gray Water By Multicomponent Filters, Handbook Of Environmental Materials Management, Springer, 1, ISBN:978-3-319-58538-3
51.	Efaq Ali Noman, Adel Ali Saeed Al-Gheethi, Siti Asmah Bakar, Radin Maya Saphira Radin Mohamed , Balkis A Talip, Amir Hashim Mohd Kassim (2018) Treatment Technologies Of Household Greywater, Management Of Greywater In Developing Countries, Springer 125, ISBN:9783319902685
52.	Efaq Ali Noman, Adel Ali Saeed Al-Gheethi, Balkis A Talip, Radin Maya Saphira Radin Mohamed , H Nagao, Amir Hashim Mohd Kassim (2018) Xenobiotic Organic Compounds In Greywater And Environmental Health Impacts, Management Of Greywater In Developing Countries, Springer , 89,ISBN:9783319902685
53.	Integrated Water Resources Protection, UTHM publisher (2017) ISBN:978-967-0764-99-3 Authors: Mohamed RM , Al-Gheethi AA, Amir Hashim, Munirah Hasan, Dilaeleyana AB, Athirah A
54.	Handbook on Modern Environmental Materials Management, Springer publisher (2017) Authors: R. M. S. Radin Mohamed , Adel Al-Gheethi, Muhammad Shabery Sainudin, and M. K. Amir Hashim
55.	Adel Ali Saeed Al-Gheethi, Radin Maya Saphira Radin Mohamed , Ayu Zulaikha Yahya, Siti Asmah Bakar, Sabariah Musa and Amir Hashim Mohd Kassim (2017). Water And Environmental Issue (Vol 1), UTHM publisher, ISBN: 978-967-2110-54-5
56.	Adel Ali Saeed Al-Gheethi, Radin Maya Saphira Radin Mohamed , Ayu Zulaikha Yahya, Siti Asmah Bakar, Sabariah Musa and Amir Hashim Mohd Kassim (2017) Ceramic Filtration System

	For Greywater Treatment: A Review, Water And Environmental Issues, UTHM, 48, ISBN:978-967-2110-54-5
57.	Radin Maya Saphira Radin Mohamed , Adel Ali Saeed Al-Gheethi, Saidatul Munirah Hasan, Amir Hashim Mohd Kassim, Athirah Arifin and Dilaeleyana Abu Bakar Sidik (2017) Chapter 1: Implications Of Greywater Discharge In Village Houses, Integrated Water Resources Protection (Vol 1), UTHM , 1, ISBN:978-967-0764-99-3
58.	Al-Gheethi AA, Radin Maya Saphira Radin Mohamed , Noormaisara Jais and Amir Hashim Mohd. Kassim (2017) Chapter 5: Microbiological Aspects For Phycoremediation Of Public Market Wastewater, Integrated Water Resources Protection (Vol 1), UTHM , 49, ISBN:978-967-0764-99-3
59.	Rosmawanie Mohd. Radzuan, Radin Maya Saphira Radin Mohamed , Al-Gheethi AA and Amir Hashim Mohd. Kassim (2017) Chapter 6: Application Of Natural Coagulants For Wastewater Treatment, Integrated Water Resources Protection (Vol 1), UTHM, 60, ISBN:978-967-0764-99-3
60.	Radin Maya Saphira Radin Mohamed , Muhammad Shabery bin Sainudin, Adel Ali Saeed Al-Gheethi, Sabariah Musa, Siti Asmah Bakar and Amir Hashim Mohd. Kassim (2017) Feasibility Of Using Ceramic Filtration For Bathroom Greywater: A Review, Water And Environmental Issues, UTHM, 72, ISBN:978-967-2110-54-5
61.	Sabariah Musa, Prescillia Anak Philip and Radin Maya Saphira Radin Mohamed (2017) Natural Effects of Clay Minerals For Groundwater Quality, Water And Environmental Issues, UTHM, 14, ISBN:978-967-2110-54-5
62.	Hamdan, R., Mohamed, R. M. S. R. , Othman, N, Kadir, A. A, Hashim, N. H, Zin, N. S. M. & Mohamed, W. A. W (2017) New Insight Into P043- Removal Mechanism Due To The Metal Oxides Concentrations Variousness In Steel Slag For Industrial Wastewater Treatment Plant, Advanced Technology Centre: Research And Innovation Series 1, UTHM , 1, ISBN:978-967-2110-10-1
63.	Rafidah Hamdan, Radin Maya Saphira Radin Mohamed , Nur Shaylinda Mohd Zin, wan afrizan wan mohamed, norzila othman, Aeslina Abdul kadir, Nor Haslina Hashim (2017) New Insight Into Po43- Removal Mechanism Due To The Metal Oxides Concentration'S Variousness In Steel Slag For Industrial Wastewater Treatment, Advanced Technology Centre Research And Innovation : Series 1, UTHM , 1, ISBN:9789672110101
64.	Recent Advances In Environmental Science From The Euro-Mediterranean And Surrounding Regions, Springer (2018) ISBN: 978-3-319-70547-7 Authors: Adel A. S. Banana, Efaq Noman, A. A. Al-Gheethi, Radin Maya Saphira Radin Mohamed , M. K. Amir Hashim And Yousef Aribi Hassairi
65.	Nanotechnology in Water and Wastewater Treatment Theory And Applications, Elsevier (2018), 35, ISBN:9780128139028. Authors: Abdulrahman Adeleke, Ab Aziz Abdul Latiff, Mohammed Radin Saphira , Zawawi Daud, Norli Ismail, Amimul Ahsan, Nur Adila Ab Aziz, Mohammed Ndah, Vicky Kumar, Adel Al-Gheethi, M. Arif Rosli, Mahmood Hijab
66.	Integrated Water Resources Protection (Vol 1), UTHM (2017), 60, ISBN:978-967-0764-99-3 Rosmawanie Mohd. Radzuan, Radin Maya Saphira Radin Mohamed , Al-Gheethi AA and Amir Hashim Mohd. Kassim
67.	Integrated Water Resources Protection (Vol 1), UTHM (2017), 49, ISBN:978-967-0764-99-3 Al-Gheethi AA, Radin Maya Saphira Radin Mohamed , Noor Maisara Jais and Amir Hashim Mohd. Kassim

CHAPTER IN BOOK = 67

VI. MODULE FOR TEACHING

1.	Radin Maya Saphira Radin Mohamed , Nur Shaylinda Mohd Zin, Nur Adila Ab Aziz, Rafidah Hamdan, Aeslina Abdul Kadir, Norzila Othman , Adel Ali Saeed Anduh Al Gheeti, Azra Munirah Mat Daud, Hartini Kasmin (2019) Teaching and Learning Module, Nature Conservation, BFC 10202, UTHM
2.	Roslinda Seswoya, Rafidah Hamdan, Nur Adila Ab. Aziz, Azra Munirah Mat Daud, Nur Shaylinda Mohd Zin, Radin Maya Saphira Radin Mohamed , Aeslina Abdul Kadir, Norzila Othman (2019) Teaching and Learning Module: Environmental Engineering (BFC 32403), UTHM
3.	Radin Maya Saphira Radin Mohamed , Roslinda Seswoya, Nur Shaylinda Mohd. Zin, Nur Adila Ab.

	Aziz, Rafidah Hamdan, Aeslina Abdul Kadir, Mohd Ariff Ahmad Nazri, Norzila Othman, Adel Ali Saeed Abduh Al-Gheethi and Azra Munirah Mat Daud (2019) Teaching and Learning Module: Nature Conservation (BFC 10202), UTHM
4.	Radin Maya Saphira Radin Mohamed and Adel Ali Saeed Abduh Al-Gheethi (2018) Teaching and Learning Module: Air Pollution Engineering (MFE 10103), UTHM
5.	Radin Maya Saphira Radin Mohamed and Norzila Othman (2017) Teaching and Learning Module: Environmental Management (MFA 10503), UTHM
6.	Radin Maya Saphira Radin Mohamed , Aeslina Abdul Kadir, Rafidah Hamdan, Norzila Othman and Azra Munirah Mat Daud (2016) Teaching and Learning Module: Nature Conservation (BFC 10202), UTHM

MODULE FOR TEACHING = 6

VII. ARTICLES IN NEWS/MAGAZINE/REPORT

1.	Noor Maisara Jais dan Radin Maya Saphira Radin Mohamed (2020) Adakah Virus Covid-19 Beri Kesan Kepada Haiwan Dan Tumbuhan?, UTHM news online
2.	Radin Maya Saphira Radin Mohamed (2020) Kesan Covid-19 Terhadap Haiwan, Tumbuhan Dan Alam Sekitar, Bernama.com
3.	Radin Maya Saphira Radin Mohamed ; Suriyati Baharom; Rafidah Hamdan; Sabariah Musa (2019) 83 Sukarelawan Uthm Tanam 1000 Benih Bakau Pulihara Pesisiran Pantai, UTHM news online
4.	Radin Maya Saphira Radin Mohamed ; Mohamed Farid Noh (2019) Pencemaran Bunuh Selat Johor, Berita Harian, 15 Julai 2019 ,
5.	Sustainable Campus Office (SCO) & Sustainable Champion Team (SIO 1-8) (2019) Uthm-Ui Greenmetric World University Ranking 2019, UTHM ,
6.	Sustainable Campus Office (SCO) & Sustainable Champion Team (SIO 1-8) (2018) Uthm-Ui Greenmetric World University Ranking 2018 , UTHM ,
7.	Radin Maya Saphira Binti Radin Mohamed (2012) Greywater And Its Applicability To Malaysia: Learnings From Perth, Western Australia Dalam Majalah Diges Fkaas 2012 , ISBN:2231-8232
8.	Radin Maya Saphira Binti Radin Mohamed (2012) My Adventures As A Phd Mom Down Under Dalam Malajah Diges Fkaas , ISBN:2231-8232

ARTICLES IN NEWS/MAGAZINE/REPORT = 8

VIII EDITOR FOR BULLETIN

1.	COR(Centre of Research) Bulletin 2020, Faculty of Civil Engineering and Built Environment UTHM, Head Editor
2.	Micropollutant Research Centre (MPRC) Bulletin 2020, Faculty of Civil Engineering and Built Environment UTHM, Head Editor
3.	Micropollutant Research Centre (MPRC) Bulletin 2019, Faculty of Civil Engineering and Built Environment UTHM, Head Editor
4.	Micropollutant Research Centre (MPRC) Bulletin 2018, Faculty of Civil Engineering and Built Environment UTHM, Head Editor
5.	Micropollutant Research Centre (MPRC) Bulletin 2017, Faculty of Civil Engineering and Built Environment UTHM, Head Editor

EDITOR FOR BULLETIN = 5

F. AWARDS AND RECOGNITIONS		
NO.	DETAILS	YEAR
1.	Outstanding Woman Researcher in Environmental Engineering 2023, Venus International Foundation based on the VIWA 2023 Expert Committee Report and Apex Committee Recommendations	2023
2.	Top Cited Article 2021-2022, Photocatalysis of xenobiotic organic compounds in greywater using zinc oxide nanoparticles: a critical review, <i>Water and Environment Journal, Wiley</i>	2023
3.	Best Paper Award (Environmental Engineering) in 2nd International Conference on Civil Engineering and Construction Technology, organized by Universiti Malaysia Sabah, 14-15 Dec 2022, Online	2022
4.	Top Cited Article 2020-2021, Photocatalysis of xenobiotic organic compounds in greywater using zinc oxide nanoparticles: a critical review, <i>Water and Environment Journal, Wiley</i>	2022
5.	Recommended Approved Signatory (AS) for testing laboratory accreditation SAMM ISO 17025 for Water and Wastewater Laboratory (WWEL) UTHM	2021
6.	No. 4/10 Top 10 National Grant Award Recipient UTHM	2021
7.	3 Star Award for 'River Water Quality Assessment at Sungai Benut, Simpang Renggam, Johor' Knowledge Transfer Program to Community, U42S, 20 April 2020	2019
8.	No. 3/10 Top Web of Science (WoS) Publication Overall UTHM	2019
9.	Anugerah Perkhidmatan Cemerlang (Excellent Service Award) 2019 Fakulti Kejuruteraan Awam dan Alam Bina, UTHM	2019
10.	Gold award at the The 3rd International Thailand- Indonesia- Malaysia Symposium on Innovation and Creativity "Cultivating Innovation and Creativity Culture", Princess of Naradhiwas University, Thailand – The Analysis of Heavy Metals Accumulation in Oreochromis niloticus Muscle Tissue Feed with Formulated Fish Feed Supplemented with Microalgae.	2019
11.	Best Paper Award ISCEE 2018: Sabariah Musa, Nur Amalina Mohd. Hilal, Radin Maya Saphira Radin Mohamed , Rafidah Hamdan and Zarina Md. Ali (2018). Ammonia Reflections on Unmodified Seaweed, Eucheuma Sp. as Biosorbent in Wastewater, presented at the International Symposium on Civil and Environmental Engineering 2018	2018
12.	Anugerah Tesis Sarjana Muda Terbaik UTHM 2018, Neo Zhi Zing, BSc. (Food Technology) with Honours, Determination of Physicochemical Properties of Formulated Fish Feed Supplemented with Microalgae from Bioremediation Process (Co-Supervisor).	2018
13.	Anugerah Perkhidmatan Cemerlang (Excellent Service Award) 2017 Fakulti Kejuruteraan Awam dan Alam Sekitar, UTHM	2017
14.	Best Service Award and Jasa Bakti Award	2014

AWARDS AND RECOGNITIONS = 13

G. MEDALS / COMPETITION				
NO	TYPE MEDAL/ AWARD/ROLE	COMPETITION AND MAIN	POSITION	YEAR
1.	Silver award	Sustainable Solutions to Remove Antibiotics from the Environment using Artificial Intelligence Applications, MTE 2022, 21-25 March 2022	Member	2022
2.	Gold award	Cerachit Composite Adsorbent for Laundry Greywater Treatment in International Research and Innovation Symposium and Exposition 2020, RISE 2020	Head of Researcher	2020
3.	Silver award	Green Adsorbent for Hair Dye Removal using Durian Shell Adsorbent (DSA) in International Research and Innovation Symposium and Exposition 2020, RISE 2020	Member	2020
4.	Gold award	CG Nano in International Research and Innovation Symposium and Exposition 2020, RISE 2020	Head of Researcher	2020
5.	Silver award	Anticancer Agents from Fung in International Research and Innovation Symposium and Exposition 2020, RISE 2020	Member	2020
6.	Silver award	ECO-GNPS in Virtual Research and Innovation Exhibition UniMAP (EREKA)	Member	2020
7.	Silver award	Mycopeat in International Research and Innovation Symposium and Exposition 2018, RISE 2018	Head of Researcher	2018
8.	Silver award	Auto Sensor Peat Solidification Simulator –PeatSIM in InnoFest 2017 FKAAS, Research & Innovation Festival 2017 UTHM	Head of Researcher	2017
9.	Silver award	SiRAP-Sistem Rawatan Air Pasar in Research & Innovation Festival 2017 UTHM	Head of Researcher	2017
10.	Bronze award	Microalgae Bead from CSWW Phycoremediation as Potential Fish Feeds in InnoFest 2017 FKAAS	Head of Researcher	2017
11.	Silver award	Sustainable Fish Feed Production via Wet Market Wastewater Phycoremediation in InnoFest 2017 FKAAS	Head of Researcher	2017

12.	Silver award	Auto Sensor Peat Solidification Simulator –PeatSIM in InnoFest 2017 FKAAS	Head of Researcher	2017
13.	Best of the best award	SiRAP-Sistem Rawatan Air Pasar in InnoFest 2017 FKAAS	Head of Researcher	2017
14.	Gold medal	“Metal Removal and Antimicrobial Properties of Modified Watermelon Rind’ in Biotechnology Asia	Member	2014
15.	Gold medal	‘The Enhancement of Colour (Benzidene and Toludine) From Textile Wastewater by Using Activated Carbon from Sugar Bagasse’ in Research and Innovation Festival UTHM	Member	2014
16.	Bronze medal	‘A New Approach of Sustainable Treatment of Greywater in Village Dwelling by Using Microalgae.’ In Research and Innovation Festival UTHM	Head of Researcher	2014
17.	Gold medal	‘The Production of Biofeul from Microalgae after Phycoreremediation of wastewater’ in International Invention, Innovation and Technology Exhibition 2014 (ITEX 14)	Member	2014
18.	Bronze medal	Invention and Technology Award for research ‘The VASSF for simaltenous nitrogen and phosphorus removal from domestic wastewater’ in Malaysia Technology Expo 2014	Member	2014
19.	Bronze medal	‘QUAL2E Heavy Metals Modeling of Sg. Bekok, Johor’ in Ekspo Sains, Teknologi dan Inovasi, PWTC	Head of researcher	2004

MEDALS / COMPETITION = 19

NO.	DETAILS	YEAR
1.	Characterisation of Macrophyte <i>Eleocharis dulcis</i> for Potential Selected Bioproducts, Siti Nur Ezanie Mohamad A'Ashri, Radin Maya Saphira Radin Mohamed , Nur Nabilah Mohd Noor, Adel AlGheethi, Mohd Hairul Khamidun and Dihom Hussin Ramadhan Hassan presented at the 2 nd International Conference on	2022

	Civil and Environmental Engineering (ICCEE 2022) on 6 & 7 January 2022, Centre for Disaster Risk Reduction, Universiti Tunku Abdul Rahman (UTAR)	
2.	Optimization of Activated Carbon Coconut Shell (ACCS) and Banana Trunk Fiber as Bio Filter for Kitchen Wastewater Treatment, N S Nasaruddin, R M S R Mohamed* , N N M Noor and A A S Al-Gheeti presented at the <i>2nd International Conference of Sustainable Environmental Technology 2021</i> , 2 nd November 2021	2021
3.	Pre-Treatment of Laundry Greywater by Steel Slag for Safe Disposal, S N Ramdzan, R M S R Mohamed ^{1,2*} , N H Kamaruzaman, A A S A Gheeti, R Hamdan, Sabariah Musa presented at the 6th International Conference on Civil and Environmental Engineering for Sustainability, on 15th and 16th of November 2021. Online	2021
4.	Physical Simulation for Effect Seasons and Fertilizer on Solidified Fabric Peat Soil; A Soil Column Model Study, S A M Tajuddin, J A Rahman, R M S R Mohamed and A Al-Gheeti (2020), presented at the 3rd International Symposium on Civil and Environmental Engineering (ISCEE 2020) 1st-2nd December 2020, Batu Pahat, Johor, Malaysia	2020
5.	R M S R Mohamed , N M Jais , S A M Tajuddin , A A S Al-Gheeti , A H M Kassim and M E Abdullah (2019) Determination Of Heavy Metal Concentration Of Benut River At Simpang Renggam, Johor, presented at the 5th International Conference on Civil and Environmental Engineering for Sustainability 19-20 December 2019, Johor, Malaysia	2019
6.	Zubaidah Md Saleh, Radin Maya Saphira Radin Mohamed , Adel Al-Gheeti, Noor Yasmin Zainun, Nor Amani Filzah Mohd. Kamil (2019) Optimizing Decomposition of Food Wastes Using Response Surface Methodology, presented at 4th International Conference on Green Chemical Engineering and Technology: Materials Science, 1-2 October 2019, Malacca	2020
7.	G. Yashni, Adel AlGheeti, Radin Maya Saphira Radin Mohamed , Siti Nor Hidayah Arifin, Vikneswara Abirama Shanmugan, Amir Hashim MohdKassim (2019) Photocatalytic Degradation Of Basic Red 51 Dye In Artificial Bathroom greywater Using Zinc Oxide Nanoparticles presented at 4th International Conference on Green Chemical Engineering and Technology: Materials Science, 1-2 October 2019, Malacca.	2020
8.	Ali Hauashdh, Radin Maya Saphira Radin Mohamed , Junaidah Jailani, Junita Abdul Rahman (2019) Stabilization Of Peat Soil Using Fly Ash, Bottom Ash And Coal Ash Waste Reduction Approach, presented at the 5th International Conference on Civil and Environmental Engineering for Sustainability 19-20 December 2019, Johor, Malaysia	2019
9.	G Yashni, K B Willy, A A Al-Gheeti, R M S R Mohamed , S N A Mohd Salleh and M K Amir Hashim (2019) A Review On Green Synthesis Of Zno Nanoparticles Using Coriandrum Sativum Leaf Extract For Degrading Dyes In Textile Wastewater: A Prospect Towards Green Chemistry, Energy Security and Chemical Engineering Congress, 17-19 July 2019, Penang	2019
10.	Efaq Noman, Balkis A. Talip, Adel Al-Gheeti, Radin Mohamed , H. Nagao (2019) Decolourisation Of Dyes In Greywater By Mycoremediation And Mycosorption Process Of Fungi From Peatland; Primary Study, presented at 4th International Conference on Green Chemical Engineering and Technology: Materials Science, 1-2 October 2019, Malacca	2019

11.	Adel Al-Gheethi, Welfrad Anak Ngokiew and Radin Maya Saphira Radin Mohamed (2018). Establish In-House; A Pre-Treatment Method of Fat, Oil and Grease (FOG) in Kitchen Wastewater for Safe Disposal, presented at the International Symposium on Civil and Environmental Engineering 2018, The Federal Hotel Kuala Lumpur, 3-4 December 2018.	2018
12.	Najeeha Apandi, Radin Maya Saphira Radin Mohamed , Alfituri Ibrahim Abdullah Abuala, Aisha A. Amhimmid, Adel Al-Gheethi and Amir Hashim Mohd. Kassim (2018). Integrated Growth Potential of <i>Scenedesmus sp.</i> using Public Market Wastewater via Phycoremediation Process, presented at the International Symposium on Civil and Environmental Engineering 2018, The Federal Hotel Kuala Lumpur, 3-4 December 2018.	2018
13.	Sabariah Musa, Nur Amalina Mohd. Hilal, Radin Maya Saphira Radin Mohamed , Rafidah Hamdan and Zarina Md. Ali (2018). Ammonia Reflections on Unmodified Seaweed, <i>Euchuema Sp.</i> as Biosorbent in Wastewater, presented at the International Symposium on Civil and Environmental Engineering 2018, The Federal Hotel Kuala Lumpur, 3-4 December 2018.	2018
14.	Radin Maya Saphira Radin Mohamed , Alfituri Ibrahim Abdullah Abuala, Najeeha Mohd. Apandi, Adel Al-Gheethi, Aisha A. Amhimmid AlQantosh and Amir Hashim Mohd.Kassim (2018). Reduction of Nutrients in Public Market Wastewater by Phycoremediation, SEE GEOMATE, 1, ISBN:9784909106018, presented at The Fourth International Conference on Science, Engineering & Environment (SEE 2018), 12-14 November 2018, Nagoya, Japan.	2018
15.	Ali Hauashdh, Radin Maya Saphira Radin Mohamed , Junita Abd Rahman and Junaidah Jailani (2018). Analysis of Leachate from Solidified Peat Soil, EDP SCIENCES, 1, ISBN:2261236X, presented at the 12th International Civil Engineering Post Graduate Conference (SEPKA), 27th - 28th August 2018, Le Grandeur Palm Resort, Senai, Johor Malaysia.	2018
16.	Radin Maya Saphira Radin Mohamed , Siti Nor Hidayah Arifin, Yung Shen Liew, Adel Ali Saeed Al Gheethi and Amir Hashim Mohd. Kassim (2018). The Removal of Physiochemical and XOCs from Laundry Greywater using Solar Water Distillation System, presented at the International Conference on Sustainable Engineering & Technology (ICSET 2018), 25 September 2018, The Orchard Wellnes and Health Resort Melaka, organized by Section of Environmental Engineering Technology, UniKL and Malaysian Institute of Chemical and Bioengineering Technology (MICET), Alor Gajah, Melaka.	2018
17.	Siti Nor Hidayah Arifin, Radin Maya Saphira Radin Mohamed , Nurul Fadilah Mohd. Saupi and Najeeha Apandi (2018). Ablution Water Treatment of Enhancing Water Quality by using Solar Water Disinfection (SoDIS) Method, presented at the International Conference on Sustainable Engineering & Technology (ICSET 2018), 25 September 2018, The Orchard Wellnes and Health Resort Melaka, organized by Section of Environmental Engineering Technology, UniKL and Malaysian Institute of Chemical and Bioengineering Technology (MICET), Alor Gajah, Melaka.	2018
18.	Yashni Gopalakrishnan, Siti Hidayah Arifin, Farhain Jamaludin and Radin Maya Saphira Radin Mohamed (2018). Solar Water Distillation to Remove Physiochemical and XOCs in Bathroom Greywater, presented at the International Conference on Sustainable Engineering & Technology (ICSET 2018), 25 September 2018, The Orchard Wellnes and Health Resort Melaka, organized by Section of Environmental Engineering Technology, UniKL and Malaysian Institute of Chemical and Bioengineering Technology (MICET), Alor Gajah, Melaka.	2018

19.	RMSR Mohamed , AA Al-Gheethi, AA Wurochekke, AY Maizatul, HM Matias-Peralta and AH Mohd Kassim (2017). Nutrients removal from artificial bathroom greywater using <i>Botryococcus</i> sp. strain, presented at the The 4th International Conference on Civil and Environmental Engineering for Sustainability (IConCEES 2017), 4-5 Dec 2017, Langkawi, Malaysia.	2017
20.	Amir Hashim Mohd Kassim, Siti Mariam Sulaiman, Radin Maya Saphira Radin Mohamed and Adel Ali Saeed Al Gheethi (2017). Rainwater Harvesting Study At Masjid Jamek Riyahdus Solihin, Pintas Puding, Batu Pahat Johor Malaysia, Third International Conference on Science, Engineering & Environment (SEE), USQ, Brisbane, Australia, Nov.13-16, 2017, ISBN: 978-4-9905958-9-0 C3051.	2017
21.	Rahman JA, Napia AMA, Nazri MAA, Mohamed RMS , Al-Geethi AS (2017). A Study on Factors Affecting Strength of Solidified Peat through XRD and FESEM Analysis. Young Researchers for Water and Environmental Engineering Symposium 2017 (YRWEES 2017), UTHM, 21 October 2017, Batu Pahat, Malaysia.	2017
22.	Jais NM, Mohamed RMS , Apanidi N (2017). Heavy metal removals from wet market wastewater by phycoremediation technology. Young Researchers for Water and Environmental Engineering Symposium 2017 (YRWEES 2017), UTHM, 21 October 2017, Batu Pahat, Malaysia.	2017
23.	Radin Maya Saphira Radin Mohamed , Najeeha Apanidi, Siti Nor Hidayah Arifin, A.A.S. Al-Gheethi and Amir Hashim Mohd Kassim (2017). Heavy Metals In Microalgae Biomass Added With Different Concentration of Wet Market Wastewater, Third International Conference on Science, Engineering & Environment (SEE), USQ, Brisbane, Australia, Nov.13-16, 2017, ISBN: 978-4-9905958-9-0 C3051.	2017
24.	Efaq Ali Noman, Adel Al-Gheethi, NiK Ab. Rahman, Balkis A. Talip, Radin Maya Saphira Radin Mohamed , Nagao H, Omar Ab. Kadir (2017) Single Spore Isolation as a Simple and Efficient Technique for Purifying of Fungi. Young Researchers for Water and Environmental Engineering Symposium 2017, 21 Oct. 2017, Universiti Tun Hussein Onn Malaysia, Johor, Malaysia.	2017
25.	Al-Gheethi AA, Efaq AN, Mohamed RMSR , Abdel-Monem MO, Adib M.R, Amir Hashim MK (2017) Effect of metabolic inhibitors and chemical modification of <i>Staphylococcus xylosus</i> cell wall on nickel recovery from aqueous solution. International Conference on Separation Technology 2017 (ICoST 2017), UTM 15-16 April 2017, Johor Bahru Malaysia.	2017
26.	Adel A.S Banana, Efaq Noman, Al-Gheethi AA, Mohamed RM (2017), Assessment of Heavy Metals in Environment Adjacent to Petrochemical Industry Zone in Libya. International Conference on Food Agriculture and Environmental Sciences (ICFAES 2017) April 27-28, 2017 in Tunis, Tunisia.	2017
27.	Adel A.S Banana, Efaq Noman, Al-Gheethi AA, Mohamed RM (2017) Quality of Underground Water and Environment Adjacent to Petrochemical Industry Zone in Libya. 4th International Conference on Green Energy and Environmental Engineering (GEEE-2017). 22-24 April 2017. Sousse Tunisia.	2017
28.	Gheethi AA, Efaq AN, Mohamed RM , AbdelMonem MO, Abd Halid Abdullah, Amir Hashim M (2017) Bioremoval of nickel ions by <i>Sporosarcina pasteurii</i> and <i>Bacillus megaterium</i> , a comparative study. International Research and Innovation Summit 2017 (IRIS2017) 6-7 May 2017, Malaka Malaysia	2017

29.	Al-Gheethi A, Efaq AN, Mohamed RM , Abdel-Monem MO, Amir Hashim M (2017) Potential of <i>Staphylococcus xylosus</i> strain for Recovering Nickel Ions from Aqueous Solutions. International Conference on Applied Science and Technology, 3-5 April 2017, Langkawi, Malaysia.	2017
30.	Maizatul, A.Y., Mohamed, RMSR , Al-Gheethi, AA., Jais, N.M., and Mohd Kassim, A.H (2017). Characteristics of Chicken Slaughterhouse Wastewater, presented at the 3rd International Conference on Sciences, Engineering and Social Sciences, 17-18 May 2017, Universiti Teknologi Malaysia, UTM, Johor Bahru, Malaysia.	2017
31.	Latiffi NAA, Mohamed RMSR , Apandi NM, Tajuddin RM (2017). Experimental assessment on effects of growth rates microalgae <i>scenedesmus</i> sp. In different environmental conditions. Presented at International Symposium on Material Science and Engineering, KL, Malaysia on 13-15 Jan, 2017, Pacific Regency Hotel Suites Kuala Lumpur.	2017
32.	Latiffi NAA, Mohamed RMSR , Apandi NM, Tajuddin RM (2017). Water Quality Characteristics of MFPWW. Presented at the 2nd International Conference on Separation Technology, UTM, Spring Pulau Resorts on 15-16 April 2017.	2017
33.	Radin Maya Saphira Radin Mohamed , Haritharan Maniam, Najeeha Apandi, A.A.S.Al-Gheethi and Amir Hashim Mohd. Kassim (2017). Microalgae Biomass Recovery Grown in Wet Market Wastewater via Flocculation Method using <i>Moringa oleifera</i> , presented at the International Symposium on Material Science and Engineering 2017, 13-15 January 2017, Pacific Regency Hotel Suites Kuala Lumpur.	2017
34.	Mohamed RMSR , Al-Gheethi AA, Rahman JA, Kassim AHM and Musa S (2016). Reuse of Ablution Water to Improve Peat Soil Characteristics for Ornamental Landscape Plants Cultivation, presented at the International Symposium on Civil and Environmental Engineering, 5-6 December 2016, Novotel Hotel, Melaka.	2016
35.	Al-Gheethi AA, Mohamed RMSR , Wurochekke AA, Nurulainee NR, Mas Rahayu J, Amir Hashim MK (2016). Efficiency of Moringa Oleifera Seeds for Treatment of Laundry Wastewater presented at the International Symposium on Civil and Environmental Engineering, 5-6 December 2016, Novotel Hotel, Melaka.	2016
36.	NurAtikah Ahmad Latiffi, Radin Maya Saphira Radin Mohamed and Najeeha Mohd Apandi (2016). Preliminary Assessment of Growth Rates on Different Concentration of Microalgae <i>Scenedesmus</i> sp. in Industrial Food Processing Wastewater presented at the International Symposium on Civil and Environmental Engineering, 5-6 December 2016, Novotel Hotel, Melaka.	2016
37.	Najeeha Binti Mohd Apandi, Radin Maya Saphira Binti Radin Mohamed , Nur Atikah binti Ahmad Latiff, Nur Farahanim Bt Mohd Rozlan (2016). Protein and Lipid Content in Biomass from Microalgae <i>Scenedesmus</i> sp. Grown in Different Concentrations of Wet Market Wastewater presented at the International Symposium on Civil and Environmental Engineering, 5-6 December 2016, Novotel Hotel, Melaka.	2016
38.	Banana AA, Al-Gheethi AA, Efaq AN, Mohamed RMSR (2016). Soil Contamination with Toxic Metals and Petrochemical Compounds at Abu-Kammash Libya. 2 nd International Conference on Integrated Environmental Management for Sustainable Development (ICIEM 2016). 27-30 October 2016, Sousse, Tunisia.	2016

39.	Rahman, J. A., and Mohamed, R. M. S. R. (2016). Recommendation of Pre-Solidification Procedure for Highly Organic Soils at Various Decomposition Levels presented at the 15th International Peat Congress 2016. Sarawak, Malaysia. 623-629. 15-19 August 2016.	2016
40.	Rahman, J. A. and Mohamed, R. M. S. R. (2016). Microstructure of Solidified Peat at Different Decomposition Levels. 15th International Peat Congress 2016. Sarawak, Malaysia. 607-612. 15-19 August 2016.	2016
41.	Banana AA, Al-Gheethi AA, RMSR Mohamed , Efaq AN, Gadawi AMS (2016). Environmental Impact Assessment for Disposal of Sewage Effluents into Sea Water at Sabratah, Libya. The 3 rd International Conference on Green Energy and Environmental Engineering (GEEE-2016), 23-25 April 2016, Hammamet, Tunisia.	2016
42.	Banana AA, Al-Gheethi AA, RMSR Mohamed , Efaq AN, Gadawi AMS (2016). Environmental Impact Assessment for Disposal of Sewage Effluents into Sea Water at Sabratah, Libya. The 3 rd International Conference on Green Energy and Environmental Engineering (GEEE-2016), 23-25 April 2016, Hammamet, Tunisia.	2016
43.	Banana AA, Al-Gheethi AA, RMSR Mohamed , Efaq AN, Gadawi AMS (2016). Quality of drinking water from wells and water treatment plants at West Libya. 3 rd International Conference on Chemical Engineering and Biotechnology Application-CEBA-2016), 23-25 April 2016, Hammamet, Tunisia.	2016
44.	Radin Maya Saphira Radin Mohamed , Al-Gheethi AA, Efaq AN, Abd Halid Abdullah, Kassim AHMK. Health Risk Associated with Management of Municipal Solid Wastes in Malaysia, 4th International <i>Conference</i> on Sustainable Solid Waste Management, Limassol, Cyprus, 23–25 June 2016.	2016
45.	Hauwa Atiku, Radin Maya Saphira Radin Mohamed and Anwaruddin Ahmed Wurochekke. Bathroom Greywater Bioremediation by Microalgae <i>Botryococcus Sp.</i> , 2 nd International Conference on Science, Engineering and the Social Sciences, 29 May- 1 June 2016, Universiti Teknologi Malaysia, Johor Bahru, Malaysia. Organised by UTM International, UTHM.	2016
46.	Radin Maya Saphira RM , Ahmad Faizol Hakim Bin Abd Rahim and Amir Hashim Mohd Kassim (2015). A Monitoring of Air Pollutants (CO, SO ₂ and NO) in Ambient Air Near an Industrial Area. 3 rd International Conference on Civil and Environmental Engineering (IConCEES 2015), Hotel Equatorial, Melaka, Malaysia, 1-2 December 2015.	2015
47.	Radin Maya Saphira RM , Nik Mohd Shahrul Nizam NAB, Al-Gheethi AA, Amri Lajis, and Amir Hashim Mohd Kassim (2015). Particulate Matter Levels in Ambient Air Adjacent to Industrial Area. International Conference on Sustainable Environment and Water Research (ICSEWR 2015), Le Grandeur Palm Resort Johor, Malaysia, 25-26 October 2015.	2015
48.	Mohamed, R.M.S.R. , Musthapa, S.Z., Azman, I.N, Kassim, A.H.M. and Lou, X.F. (2015). The level of Particulate Matter (PM ₁₀) of Indoor and Outdoor Air Quality in University Buildings. International Conference on Sustainable Environment and Water Research (ICSEWR 2015), Le Grandeur Palm Resort Johor, Malaysia, 25-26 October 2015.	2015
49.	Al-Gheethi AA, Radin Maya Saphira RM , M. Afaiz Ab. Rahman, Mas Rahayu J, and Amir HK (2015). Integrated Flocculation Treatment System for Car Wash Wastewater. International Conference on Sustainable Environment and Water Research (ICSEWR 2015), Le Grandeur Palm Resort Johor, Malaysia, 25-26 October 2015.	2015

50.	Radin Maya Saphira Radin Mohamed , Najeeha Mohd Apandi, Hazel Monica Matias Peralta and Amir Hashim Mohd Kassim (2015). Removal of Nutrients from Cafeteria Wastewater by using Different Concentrations of Microalga <i>Scenedesmus</i> sp. Presented at the International Conference on Environmental Forensics 2015 (iENFORCE2015), Putrajaya Marriot Hotel, Malaysia, 19-20 August 2015.	2015
51.	Nur Atikah Ahmad Latiffi, Nor Fadzilah Pahazri, Radin Maya Saphira Radin Mohamed , Ramlah Mohd Tajuddin and Amir Hashim Mohd Kassim (2015). Identification of Wastewater Effluent Quality from Meat Processing Facility. Presented at the International Conference on Environmental Forensics 2015 (iENFORCE2015), Putrajaya Marriot Hotel, Malaysia, 19-20 August 2015.	2015
52.	Jais Noor Maisara, Radin Mohamed Radin Maya Saphira , Radzuan Rosmawanie and Alias Mohamad Fakhru Zahin (2015). Characterization of effluent quality from wet market operation. Presented at the International Conference on Environmental Forensics 2015 (iENFORCE2015), Putrajaya Marriot Hotel, Malaysia, 19-20 August 2015.	2015
53.	Anwaruddin Ahmed Wurochekke, Radin Maya Saphira Radin Mohamed , Hauwa Atiku, Suriani Sharuddin and Amir Hashim Mohd. Kassim (2015). Improvement of Bathroom Greywater Quality after Phycoremediation with Microalgae <i>Botryococcus</i> sp. Presented at the International Conference on Environmental Forensics 2015 (iENFORCE2015), Putrajaya Marriot Hotel, Malaysia, 19-20 August 2015.	2015
54.	Radin Maya Saphira Radin Mohamed , Ramlah Buyong, Hazel Monica Matias-Peralta and Amir Hashim Mohd. Kassim (2015). Nutrients and Metals Removal of Domestic Wastewater by Phycoremediation of Microalgae <i>Scenedesmus</i> Sp. Presented at the Asia-Pacific Wastewater Treatment and Reuse Conference, National University Singapore (NUS), 28 June – 1 July 2015, Singapore.	2015
55.	Radin Maya Saphira Radin Mohamed , Noor Maisara bte Jais, Farah Hanim bt. Che Aziz, Amir Hashim bin Mohd. Kassim and Norzila Othman (2014). Heavy Metal Concentration in Ambient Air University Campus Located Near the Industrial Area. Presented at the International Integrated Engineering Summit 2014 (IIES2014), UTHM, 1-4 December 2014.	2014
56.	Nur Atikah Ahmad Latiffi, Radin Maya Saphira Radin Mohamed and Najeeha Afandi. Application of Phycoremediation Using Microalgae <i>Scenedesmus</i> sp. As Wastewater Treatment in Removal of Heavy Metals from Food Stall Wastewater. Presented at the International Integrated Engineering Summit 2014 (IIES2014), UTHM, 1-4 December 2014.	2014
57.	Anwaruddin Ahmed Wurochekke, Radin Maya Saphira Radin Mohamed , Siti Asmah Lokman. Sustainable Extensive On-Site Constructed Wetland for Some Bacteriological Reduction in Kitchen Greywater. Presented at the International Integrated Engineering Summit 2014 (IIES2014), UTHM, 1-4 December 2014.	2014
58.	Noor Maisara Jais, Radin Maya Saphira Radin Mohamed , Wan Asma binti Wan Mohamad Apandi. Removal of Nutrients and Selected Heavy Metals In Wet Market Wastewater By Using Microalgae <i>Scenedesmus</i> Sp. Presented at the International Integrated Engineering Summit 2014 (IIES2014), UTHM, 1-4 December 2014.	2014
59.	Anwaruddin Ahmed Wurochekke, Radin Maya Saphira Radin Mohamed , Mohd. Hafizi Azlan and Amir Hashim bin Mohd. Kassim. Sustainable Filter Media for Physiochemical Treatment of Greywater In Single Village House. Presented at the Malaysian Technical Universities Conference on Engineering & Technology	2014

	(MUCET 2014), Mahkota Hotel Bandar Hilir Melaka, Hosted by UTeM, 10-11 November 2014.	
60.	Radin Maya Saphira Radin Mohamed , Anwaruddin Ahmed Wurochekke, Siti Solehah binti Mohd. Hadzri, Sabariah Musa and Amir Hashim Mohd. Kassim (2014). Preliminary Performance of On-Site Low Cost Treatment Unit for Treating Kitchen Greywater at Village House. Presented at the National Seminar on Civil Engineering Research (SEPKA 2014), UTM Training Centre, Universiti Teknologi Malaysia, 14- 15 April 2014.	2014
61.	Radin Maya Saphira Radin Mohamed , Anwaruddin Ahmed Wurochekke and Amir Hashim Mohd. Kassim (2014). Energy Recovery from Polyethylene Terephthalate (PET) Recycling Process. Presented at the 3rd Annual International Conference on Sustainable Energy and Environmental Sciences (SEES 2014), Hotel Fort Canning, Singapore. 24-25 February 2014.	2014
62.	Anwaruddin Ahmed Wurochekke, Nurul Azma Harun, Radin Maya Saphira Radin Mohamed and Amir Hashim Mohd. Kassim (2014). Constructed Wetland of <i>Lepironia Articulata</i> for Household Greywater Treatment. Presented at the 5 th International Conference on Environmental Science and Development (ICESD 2014). Singapore, 19-21 February 2014.	2014
63.	Anwaruddin Ahmed Wurochekke and Radin Maya Saphira Radin Mohamed (2013). A Survey on the Environmental Awareness from Plastic Disposal Practices. Presented at the 1 st FFTP Postgraduate Seminar-Towards Sustainable Management, organized by Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, 23 December 2013.	2013
64.	Mohammed Sani Yusuf, Radin Maya Saphira Radin Mohamed and Anwaruddin Ahmed Wurochekke (2013). Municipal Solid Waste Composition in Urban Municipality: Case Study of Parit Raja. Presented at the 1 st FFTP Postgraduate Seminar-Towards Sustainable Management, organized by Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, 23 December 2013.	2013
65.	Radin Maya Saphira Radin Mohamed , Chee-Ming Chan, Amir Hashim bin Mohd Kassim, Nor Sakinah Binti Mohamad and Mohd Izumuddin Bin Jamian (2013). The Performance of Peat Filled Filter Media for Household Treatment Greywater. Presented at "The Second International Conference on Sustainable Infrastructure and Built Environment", Institut Teknologi Bandung, Indonesia, 19-20 November 2013.	2013
66.	Sabariah Musa, Nor Azazi Zakaria, Lau Tze Liang, Radin Maya Saphira Radin Mohamed , Muna 'Iffah Amir, Muhammad Mujiduddin Ibrahim dan Atiqah Adnan (2013). Kaedah Lestari Bio-Serapan Dalam Merawat Air Bumi Menggunakan Bahan Organik. Presented at the "Prosiding Seminar Kebangsaan Aplikasi Sains dan Matematik 2013 (SKASM2013)", Universiti Tun Hussein Onn Malaysia, Batu Pahat, Johor, 29 – 30 Oktober 2013.	2013
67.	R.M.S. Radin Mohamed , A.H. Mohd. Kassim, M. Anda and S.Dallas (2012). Nutrient dynamics of turf grass irrigated with laundry and bathtub greywater. Presented at the International Conference on Civil and Environmental Engineering for Sustainability (IConCEES 2012), 3-5 April 2012, UTHM.	2012
68.	R.M.S. Radin Mohamed , M.Anda, S. Dallas and G.Ho (2011). Effect of turf grass growth in sands irrigated with laundry and bathtub greywater. Presented at the International Conference on Integrated Water Resources Management, 2-5 Feb. 2011, Murdoch University.	2011

69.	R.M.S. Radin Mohamed , M.Anda, S.Dallas and G.Ho (2010). Soil solution from greywater irrigation using different types of lysimeters. Presented at the MUPSA Multidisciplinary Conference, 29 September 2010, Murdoch University, organized by Murdoch University Postgraduate Student Association.	2010
70.	R.M.S. Radin Mohamed , M. Anda, S. Dallas and G. Ho (2009). The impact of laundry and bathroom greywater reuse for irrigation-A review. Presented at the 3 rd Specialised Conference on Decentralised Water & Wastewater International Network, 11-13 November 2009, Kathmandu, Nepal, organized by International Water Association (IWA).	2009
71.	M.Z, Nur Shaylinda and R.M, Raden Maya Saphira and Md. Ali, Zarina and Mohd Roshidi, Mohd Roshidi and Mohd Arif, Mohd Arif and Zainalabidin, Mohd Hazreek (2008). Study on concentration of PM10 and PM2.5 particulate matter in UTHM campus by using E-sampler. In: International Conference on Environment (ICENV2008), 15-17 Disember 2008, Pulau Pinang.	2008
72.	Le N.T., R.M.S. Radin Mohamed , S. Dallas, M. Anda and G. Ho (2008). Towards wastewater nutrient cycling: Assessment of decentralised systems in urban villages, AWA Onsite and Decentralised Sewerage Conference, organised by Australian Water Association (AWA) and Environmental Health Australia (EHA), 12-15th October 2008, Benalla, Victoria, Australia.	2008
73.	R.M.S. Radin Mohamed , M. Anda, S. Dallas and G. Ho (2008). Monitoring nutrients from greywater irrigation: Performance of different lysimeter types. Presented at the Onsite and Decentralised Sewerage and Recycling Conference, organised by Australian Water Association (AWA) and Environmental Health Australia (EHA), Conference Proceedings, pg. 357-364, 12-15 October 2008, Benalla, Victoria, Australia.	2008
74.	R.M.S. Radin Mohamed , M. Anda, S. Dallas and G. Ho (2008). Preliminary studies on nutrient level from greywater irrigation: A case study. Presented at the 1st International Conference on Technologies and Strategic Management of Sustainable Biosystems, organized by Environmental Technology Centre (ETC), Murdoch University, 6-9 July 2008, Perth, Western Australia.	2008
75.	Radin Maya Saphira Radin Mohamed and Amir Hashim bin Mohd. Kassim, A Review on Environmental Health Risk Assessment for Greywater Reuse in House, 4 th International Conference on Disaster Prevention and Rehabilitation, Prof. Soedarto SH Building, Tembalang Campus, Universiti Diponegoro, Semarang, Jawa Tengah, Indonesia, 10-11 September 2007.	2007
76.	Radin Maya Saphira Radin Mohamed , Amir Hashim bin Mohd. Kassim and Mohamed Hafiz bin Kamaluddin, Study of Sullage (Greywater) in Parit Raja Residential Area, Malaysia. in International Conference on Decentralised Water and Wastewater Systems, Esplanade Hotel, Fremantle, Western Australia, 9-11 July 2006, pg. 38.	2006
77.	R.M.S Radin Mohamed , Abd. Aziz Abdul Latiff, International Conference On Managing Rivers', 21-23 Sept. 2004, USM	2004
78.	R.M.S Radin Mohamed , Abd Aziz Abdul Latiff (2004). Pollution of Pb, Cd, Se, Cr, Mn, Fe and Al in Bekok River, Johor, National Seminar 'En Tech 2003,' UniMAS	2003
79.	R.M.S Radin Mohamed , Abd Aziz Abdul Latiff (2003). Heavy Metal Pollution in Sungai Bekok, Johor, Presented at National Seminar 'Environment 2003', University of Science Malaysia (USM).	2003
	CONFERENCES / SEMINAR PRESENTATION = 79	

I. CONSULTANCY AND COMMUNITY SERVICES

i) CONSULTANCY SERVICES

NO.	DETAILS	YEAR	VALUE
1.	Consultant as Principal Investigator of Tapping the Values of Agricultural Waste for Resource Recovery and Empowering Circular Economy in Japan and ASEAN Countries for Sustainability, organized three days symposium, 29/11 to 1/12 2022 via Zoom Online	2022	300,000 JPY (RM9,641.68)
2.	Consultant for Water Quality Measurement and Improvement with Industry STMicroelectronics Sdn. Bhd., 2021-2022, under FKAAB Consult Sdn. Bhd.	2022-2023	RM 117,510.00
3.	Consultant for Program Seminar Kesedaran 'Celik Sungai' : Sungai Warisan Kita Anjuran Jabatan Pengairan dan Saliran (JPS) Negeri Johor, 1 September 2021	2021	RM200
4.	Head of Green Policy Development University for Water Conservation Policy UTHM, Strategy In Operation 3 (SIO 3): Water Committee, Sustainable Campus Office UTHM	2021	Social Service
5.	Perunding Akademik for Master by Coursework (Offshore) in Civil Engineering for Environmental Management (MFA 10503), UTHM, Sem 1, Session 2020/2021	2020	RM100/hour x 21 hours = RM 2,100
6.	Perunding Akademik for Master by Coursework (Offshore) in Civil Engineering for Environmental Management (MFA 10503), UTHM, Sem 1, Session 2019/2020	2019	RM100/hour x 21 hours = RM 2,100
7.	Panel Penilai Teknikal Buku Teks Tingkatan Lima Kementerian Pendidikan Malaysia untuk Penyemakan Naskah Sedia Kamera, 2-6 November 2020	2020	RM 1,262
8.	Chairperson of Organising Committee 'the 3rd International Symposium on Civil and Environmental Engineering (ISCEE 2020)', 1st and 2nd of December 2020, Zoom	2020	Payment as Technical committee
9.	Kajian Penilaian Alam Sekitar Untuk Parlimen Simpang Renggam	2019-2021	Perunding Alam Sekitar through Industrial Grant (Head 1.1.2019-1.5.2020) RM50,000
10.	International Collaborative Researcher for the Research Proposal 'Pengaruh Lapisan Schmutzdecke pada Slow Sand Modifikasi dengan Penambahan Media Kulit Kerang untuk Mengolah Air Limbah Domestik dalam Menyisihkan Nitrogen dan Fosfor', Faculty of Science & Technology, Mandat Penelitian Dana Internal Tahun 2019, Universitas Airlangga, Surabaya, Indonesia, Dana Rp 200.000.000	2019	RM 58,758.01
11.	Committee for the Technical Talk Series 1/2019 "A Study on the Adaptation Measures against Water-Related Disasters in Saga, Japan", 17 March 2019	2019	Social Service

12.	Deputy Chairman for International Symposium of Civil and Environmental Engineering (ISCEE 2018)	2018	Payment as Technical committee
13.	Consultative committee (publication) for International Symposium on Civil and Environmental Engineering 2016 (ISCEE 2016)	2016	Payment as Technical committee
14.	Tenaga Pengajar Program Bridging Gap and Employability Batch 1, Course: Water Quality Sampling and Assessment, JPDC, 20-28 October 2016	2016	Payment as consultant/trainer
15.	Editor for International Symposium on Civil and Environmental Engineering	2016	Payment as Technical committee
16.	Perunding Akademik for Master by Coursework (Offshore) in Civil Engineering for Environmental Management (MFA 10503), UTHM, Sem 1, Session 2015/2016	2015	RM100/hour x 21 hours = RM 2,100
17.	Projek Penyediaan Fasiliti Latihan Industri Petroleum Iraq	2013	RM242/hari x 7 hari =RM 1,694
TOTAL			RM 245,365.69

CONSULTANCY AND COMMUNITY SERVICES = 17

ii) COMMUNITY SERVICES

NO.	DETAILS	YEAR
1.	Fasilitator Bagi Program Penentuan Kualiti Air Sungai Melalui Pentunjuk Bio Dan Kimia Bersama Pengajar Dan Pelajar Kolej Matrikulasi Kejuruteraan Johor (Kmkj), Pontian Johor	2022
2.	Community Program U4S TRAINING OF TRAINER: Penggunaan Makroinvertebrata dan Kimia Indikator untuk Penganggaran Kualiti Air Sungai bersama pelajar-pelajar sekolah TIGS, 30 August 2022	2022
3.	Kesedaran Pelepasan Air Sisa Dobi Secara Lestari Di Kalangan Pengendali Dobi Indonesia Dan Malaysia Webinar, 25 May 2022 via Zoom online	2022
4.	Community Program U4S TRAINING OF TRAINER: Penggunaan Makroinvertebrata dan Kimia Indikator untuk Penganggaran Kualiti Air Sungai, Laman Sungai Buloh, Pasir Gudang, 25 Jun 2022	2022
5.	Head of Program and Speaker for 'DREAM BIG, WORK SMART AND STAY FOCUS' motivational program with SPM/STPM candidates of Temenggung Ibrahim Girls School (TIGS) Batu Pahat, Johor, 6 October 2021 in collaboration with MPRC, TIGS and ICRC UTHM	2021
6.	Sukarelawan (Volunteer) Program Gotong Royong Sayangi Kim Kim, Sungai Kim Kim, Pasir Gudang, Johor, 20 March 2021	2021
7.	Facilitator for the Transfer Knowledge Program and Public Services 'Waste to Landscape', SK Seri Rejo Sari (Primary School), Batu Pahat, 8 Oktober 2020	2020
8.	Penyelaras Program Pemindahan Ilmu (KTP) 2019, Penarafan 3 bintang bagi 'River Water Quality Assessment at Sungai Benut, Simpang Renggam, Johor', 20 April 2020	2020
9.	Community Service Work 'Let's Clean Go Green 2019' for Mangrove Planting at Rimba Terjun, Pontian, 12 March 2019. Programme collaborated with Pejabat Hutan Daerah Johor Selatan	2019
10.	Food Waste Composting Awareness to School Students Programme, Geran KTP, Ministry of Education Malaysia at SMK Dato Ibrahim Majid, 21 October	2019

	2019	
11.	Food Waste Composting Awareness to School Students Programme, Geran KTP, Ministry of Education Malaysia at SMK Seri Machap, 14 October 2019	2019
12.	Speaker for the Community Program 'Waste to Vase', entitled Environmental Awareness on Solid Waste, held at Parit Rasipan, Batu Pahat Johor. Program collaborated with SWM Environment Sdn. Bhd.	2018
13.	Kerjasama dalam menjayakan projek inovasi oleh pelajar-pelajar Sekolah Menengah Sri Gading, Batu Pahat bagi pertandingan Karnival Rekacipta dan Inovasi Sains peringkat kebangsaan	2018
14.	Kerjasama dalam menjayakan 'Projek Inovasi Stand Synergy' oleh Sekolah Menengah Kebangsaan Taman Nusa Damai (Sekolah Kluster Kecemerlangan), Pasir Gudang, Johor	2018
15.	Kerjasama dalam menjayakan 'Projek Inovasi Stand Synergy' oleh Sekolah Menengah Kebangsaan Taman Nusa Damai (Sekolah Kluster Kecemerlangan), Pasir Gudang, Johor	2018
16.	Speaker for the Community Program 'Waste to Vase', entitled Environmental Awareness on Solid Waste, held at Parit Rasipan, Batu Pahat Johor. Program collaborated with SWM Environment Sdn. Bhd.	2018
17.	Coordinator for Nature Conservation Program Students Participate in 'Let's Clean Go Green' collaborated with Department of Forestry for Mangrove Planting in Sungai Pulai	2017
18.	Coordinator for 'Community in River' (COiR) Program, Kluang District Johor organised by Department of Drainage and Irrigation (JPS Kluang) and Majlis Belia Daerah Kluang, Persiaran Dato' Haji Ismail Hassan Kluang and Mengkibol River, Kluang.	2017
19.	Training of Trainers (TOT) River Rangers at Muar River Basin, organised by the Department of Drainage and Irrigation Segamat, MBD Segamat and Segamat Explorer Club	2017
20.	Tenaga Pengajar Program Bridging Gap and Employability Batch 1, JPDC	2016
21.	Nature Conservation (BFC 10202) Community Service through Students Project.	2016
22.	Committee member for community programme 'Kempen Sayangi Parit dan Sampah Anda 2014' anjuran Jabatan Kejuruteraan Air dan Persekitaran, FKAAS dan Micropollutant Research Centre (MPRC) di Taman Wira, Parit Raja	2014
23.	Coordinator project Environmental Education Campaign Your role in nature conservation for BFC 10202 Sem 1 2014/2015 Nature Conservation conducted in kindy centre around Parit Raja, Batu Pahat and others	2014
24.	Facilitator for Food Waste Composting Technique for school children, Kursus Khidmat Masyarakat UQK 10101 (Kerjasama bersama Pusat Ko Kurikulum UTHM) di SK Seri Merlong, Rengit Batu Pahat	2014
25.	Projek Kajian Kualiti Sg. Pelepah, Kota Tinggi yang dicemari oleh 'acid mine drainage' bersama JPS Kota Tinggi	2013

COMMUNITY SERVICES = 25

K. FACILITATOR / TECHNICAL COMMITTEE/ COORDINATOR/MODERATOR / REVIEWER (INTERNAL AND EXTERNAL)

vii) FACILITATOR/TECHNICAL COMMITTEE/COORDINATOR (INTERNAL AND EXTERNAL)

NO.	DETAILS	YEAR
1.	Fasilitator bagi Program U4S TRAINING OF TRAINER: Penggunaan Makroinvertebrata dan Kimia Indikator untuk Penganggaran Kualiti Air Sungai, Laman Sungai Buloh, Pasir Gudang, 25 Jun 2022	2022

2.	Organising Technical Committee on CIRCULAR ECONOMY THROUGH RESOURCE RECOVERY FROM WASTEWATER:POLICY, MANAGEMENT, AND TECHNOLOGY FORUM, organized by Research Consortium for Wastewater Resource Recovery (RCWRR), 23 Dec 2021, 2:30 - 5:30pm, Zoom online	2021
3.	Organising Technical Committee on Tips on Winning FRGS with FRGS 2020 FKAAB Recipients, 7 Feb 2021, 2:30 - 5:30pm, JKPI FKAAB	2021
4.	Coordinator for the Expert Talk 1/2021- Forecasting Erosion Induced Landslide by Prof Dr Roslan Zainal Abidin, 11-12 pm via Google Meet, 18 Jan 2021, organised by MPRC and RECESS	2021
5.	Coordinator for the Expert Talk 2/2021- Tips for Applying & Winning Competitive International Grants by Prof Dr Zainura Zainun Noor, 11-12 pm via Zoom, 25 Jan 2021, organised by MPRC FKAAB	2021
6.	Organising Technical Committee for Patent Search Workshop by TNCPI, 9 Feb 2021, 11:00-1:00 pm, JKPI FKAAB	2021
7.	Head of Editor for Centre of Research (COR) Bulletin 2020, Faculty of Civil Engineering and Built Environment, UTHM	2021
8.	Facilitator for the Transfer Knowledge Program and Public Services 'Waste to Landscape', SK Seri Rejo Sari (Primary School), Batu Pahat, 8 Oktober 2020	2020
9.	Fasilitator Bengkel Penulisan Artikel Jurnal dan Kertas Teknikal bagi Staf Jabatan Pengairan dan Saliran (JPS), Dewan Dahlia, JPS Cawangan Ampang, 10-11 April 2019	2019
10.	Fasilitator for Food Waste Composting Awareness to School Students Programme, Geran KTP, Ministry of Education Malaysia at SMK Dato Ibrahim Majid, 21 October 2019	2019
11.	Penceramah dan Fasilitator Bengkel Penulisan Proposal FRGS anjuran Advanced Technology Centre (ATC), Fakulti Teknologi Kejuruteraan bertempat di UTHM-Kampus (Cawangan Pagoh), 11 Februari 2019	2019
12.	Ahli Jawatankuasa Majlis Perlaksanaan Program Earth Day @UTHM 2019	2019
13.	Fasilitator for Food Waste Composting Awareness to School Students Programme, Geran KTP, Ministry of Education Malaysia at SMK Seri Machap, 14 October 2019	2019
14.	Committee for the Technical Talk Series 2/2019 "Non-Revenue Water Awareness by CEO Ranhill Water Services, Mr Khairul Effendy Tusam", 29 April 2019	2019
15.	Jawatankuasa Program Mobiliti Berkredit Pelajar Universitas Muhammadiyah Surakarta, 23-30 Ogos 2018, UTHM	2018
16.	Jawatankuasa Graduan Terhormat sempena Istiadat Konvokesyen UTHM 20-22 Oktober 2018	2018
17.	Penceramah dan Ketua Fasilitator for the Bengkel Persediaan Problem Based Learning (PBL) dalam Pengajaran dan Pembelajaran, Fakulti Kejuruteraan Awam dan Alam Sekitar (FKAAS)	2015
18.	Fasilitator for the Bengkel Persediaan Problem Based Learning (PBL) dalam Pengajaran dan Pembelajaran, Fakulti Kejuruteraan Awam dan Alam Sekitar (FKAAS)	2014
19.	Facilitator for the Kidsafe 2014 at Tadika Al-Hidayah Educare Batu Pahat hosted by Smart Driving Research Centre (SDRC) UTHM, 25August 2014	2014
20.	Coordinator project Environmental Education Campaign Your role in nature conservation for BFC 10202 Sem 1 2014/2015 Nature Conservation conducted in kindy centre around Parit Raja, Batu Pahat and others, October-November 2014	2014

21.	Facilitator for Food Waste Composting Technique for school children, Kursus Khidmat Masyarakat UQK 10101 (Kerjasama bersama Pusat Ko Kurikulum UTHM) di SK Seri Merlong, Rengit Batu Pahat pada 31 Oktober 2014	2014
-----	---	------

FACILITATOR/TECHNICAL COMMITTEE/COORDINATOR (INTERNAL AND EXTERNAL) = 20

i) MODERATOR/CHAIRPERSON (INTERNAL AND EXTERNAL)

NO.	DETAILS	YEAR
1.	Moderator for the Keynote Speaker #2 in 6th International Conference on Civil and Environmental Engineering for Sustainability (IConCEES 2021), 15th and 16th of November 2021, Online via Zoom	2021
2.	Chairperson for the parallel session Room 5 (Water and Wastewater) in 6th International Conference on Civil and Environmental Engineering for Sustainability (IConCEES 2021), 15th and 16th of November 2021, Online via Zoom and GMeet	2021
3.	Moderator for the U4S (University for Society) Webinar: Celik Sungai, Sungai Warisan Kita. Anjuran UTHM bersama JPS, 17 October 2021, Zoom online	2021
4.	Moderator for the Expert Talk Webinar 3/2021, Contaminants Of Emerging Concern (CECS) In Malaysia by Ir. Dr. Zaki Zainudin, 18 May 2021, 10-11am, Zoom Online	2021
5.	Moderator/Chairperson for Technical Sessions (01,02 and 05) in the 2nd World Conference on Waste Management 2021, 4-5 March 2021, hosted by Association for Environment Management and Sustainability and organized by The International Institute of Knowledge Management	2021
6.	Opening Remarks at the World Humanitarian Day, organised by Hired Consult and Youth Impact Sustainability, Zoom online, 10pm, 20 August 2020	2020
7.	Panelist and Co-Moderator for Environmental Change & Sustainability Opportunities Forum, India Policy Show (online) organised by The Policy Times India, 30 April 2020	2020
8.	Moderator for the Guest Lecture: Transport Systems and Public Health: the Case of Traffic Congestion? by Prof Dr. Ghassan AbuLebdeh, Professor of Transportation/Civil Engineering, American University of Al-Sharjah, UAE, 6 July 2020, organised by MPRC	2020
9.	Moderator for the opening of the 2nd 'Ambassador Sustainability' program organised by UTHM, Impact Youth Sustainability and Institute Teknologi Sumatera (ITERA), 19 October 2020	2020
10.	Moderator for the Industrial Talk : Sustainable Remediation Using Low Cost Materials bin Permeable Reactive Barrier System by Ziyad Abunada, Central Queensland University Australia, 27 August 2020, organised by MPRC UTHM	2020
11.	Moderator for the Guest Lecture: ?Transport Systems and Public Health: the Case of Traffic Congestion? by Prof Dr. Ghassan Abu-Lebdeh, Professor of Transportation/Civil Engineering, American University of Al-Sharjah, UAE, 6 July 2020, organised by MPRC	2020
12.	Moderator for the 1st International Webinar - Regional and Global Environmental Challenges, and Collaboration for Innovative Solutions, 30 June 2020, organised by MPRC and Institut Teknologi Sumatera (ITERA)	2020
13.	Moderator for the Industrial Talk : Environmental Challenges in Industrial Sector and the Role of Universities by Dr Ahmed Al-Hazmi, CEO Al-Madar Al Bea for Environmental Consulting Saudi Arabia, 25 June 2020, organised by MPRC UTHM	2020
14.	Penyelaras Program Pemindahan Ilmu (KTP) 2019, Penarafan 3 bintang bagi 'River Water Quality Assessment at Sungai Benut, Simpang Renggam, Johor', 20 April 2020	2020
15.	Moderator for the 'Ambassador Sustainability' program organised by UTHM, Impact Youth Sustainability and Institute Teknologi Sumatera (ITERA), 10-14	2020

	August 2020	
16.	Chairperson in the presentation session of 5th International Conference on Civil and Environmental Engineering for Sustainability (IConCEES 2019), 19-20 December 2019	2019
17.	Chairperson in a Technical Session at the Forth International Conference on Science, Engineering and Environment, Nagoya, Japan, 12-14 November 2018	2018
18.	Chairperson of the parallel session at the International Symposium on Civil and Environmental Engineering (ISCEE 2018), The Federal Kuala Lumpur, 3-4 December 2018	2018
19.	Chairperson Session in the 5th International Conference on Environmental Research and Technology (ICERT 2017) on the 23rd to 25th August 2017 at Jen Hotel, Penang	2017
20.	Chairperson Session in the 4th International on Civil and Environmental Engineering for Sustainability (IConCEES 2017) held from 4th to 5th December 2017 at Bayview Hotel, Langkawi, Malaysia	2017
21.	Chairperson in the presentation session of International Symposium on Civil and Environmental Engineering, 5-6 December 2016, Novotel Hotel, Melaka	2017
22.	Chairperson in the presentation session of International Symposium on Civil and Environmental Engineering, 5-6 December 2016, Novotel Hotel, Melaka	2016
23.	Chairperson in the presentation session of International Conference on Civil and Environmental Engineering for Sustainability (IConCEES 2015)	2015
24.	Chairperson in the presentation session of International Conference on Sustainable Environment and Water Research 2015 (ICSEWR), 25-26 October 2015	2015
25.	Chairperson in the presentation session of 3rd International Conference on Civil and Environmental Engineering for Sustainability (IConCEES 2015), 1-2 December 2015	2015
26.	Chairperson in the presentation session of International Conference on Environment and Green Technology (ICEGT) for International Integrated Engineering Summit (IIES)	2014
27.	Chairperson in the presentation session of International Conference on Environment and Green Technology (ICEGT) for International Integrated Engineering Summit (IIES) 2014, 1-4 December 2014	2014

MODERATOR/CHAIRPERSON (INTERNAL AND EXTERNAL) = 27

i) PANEL EXAMINERS (PRE-VIVA EXAMINER, THESIS PROGRESS EXAMINER, CHAIRPERSON VIVA)

NO.	DETAILS	YEAR
1.	Panel examiner of pre-viva Master Thesis: Krystabel Jonya AK Rapok (GF140083), 20 December 2021	2021
2.	Panel examiner of progress Master Thesis: Nurul Nabila Huda binti Hashar (HF180055), 21 March 2021	2021
3.	Chairperson viva session for thesis PhD of Civil Engineering; Amir Detho (2021), 2 September 2021	2021
4.	Panel examiner of pre-viva PhD Thesis: Nor Izzah binti Haji Abd Azizi (GF150064), 4 October 2021	2021
5.	Panel examiner of defence PhD Thesis: Syafiqah Ayob (HF190060), 10 June 2021	2021
6.	Panel examiner of progress Master Thesis: Azini Amiza Binti Hashim (HF180069), 1 July 2021	2021
7.	Panel examiner of Project Siswazah 1 Master Thesis: Nur Natasya binti Zainal	2021

	Abidin (GF 200065), 26 July 2021	
8.	Panel examiner of defence Master Thesis: Farrah Nuramanina Binti Mohd Anuar (HF180055), 10 May 2021	2021
9.	Panel examiner of defence PhD Thesis: Muhammad Amirza Bin Abd Rahim (GF150067), 23 May 2021	2021
10.	Panel Penilai Bagi Sesi Pembentangan Dan Penilaian Geran 'Knowledge Transfer Programme - KTP 2020, RMC UTHM, 6 Feb 2020	2020
11.	Chairperson proposal defence session for thesis Master of Civil Engineering (UTHM); Azini Amiza Hashim (2020), 29 June 2020	2020
12.	Chairperson viva session for thesis Master of Civil Engineering (UTHM); Syaiful Nizam Bin Maarup (2020), 15 Jun 2020	2020
13.	Panel examiner of previva PhD Thesis: Ahmad Fauzee Bin Raffee (2020)	2020
14.	External Assessor - Promotion Candidature from School of Civil and Environmental Engineering for Associate Professor Exercise, National University of Science & Technology (NUST), Islamabad, Pakistan, 20-27 May 2020	2020
15.	Chairperson of an oral examination (Viva Voce) for Mahmoud Hijab Abu Bakar, PhD of Civil Engineering, UTHM, 28 April 2019	2019
16.	Panel examiner of previva PhD Thesis: Syazwani Binti Asharuddin (2019)	2019
17.	Panel examiner of defence proposal Master Thesis: Farrah Nuramanina binti Mohd Anuar (HF180053), 9 Disember 2019	2019
18.	Panel examiner of previva PhD Thesis: Mohd. Baharudin Ridzuan (2019)	2019
19.	Panel assessor for Final Year Project Seminar Semester 1 2019/2020, 16 December 2019	2019
20.	Panel examiner of defence proposal PhD Thesis: Ridwan bin Zakariah (GF180005), 17 November 2019	2019
21.	Panel examiner of previva Master Thesis: Fitriyah Mohd. Shahli (HF160042), 16 Dec 2019	2019
22.	Panel examiner of defence proposal Master Thesis: Nurul Nabila Huda Bashar (HF180055), 21 November 2019	2019
23.	Panel examiner of previva PhD Thesis: Mohammed Kabir Aliyu (2019)	2019
24.	Assessor for FRGS proposal grant evaluation	2019
25.	Assessor for RACER research grant proposal	2019
26.	Panel Assessor for Fundamental Research Grant Scheme (FRGS) Fasa 1/2019	2019
27.	Panel examiner of Assessment 2 for PhD Thesis: Muhammad Muhammad Nmaya (2018): Fabrication of Nanostructures from Biosynthesized Nanoparticles, Faculty of Applied Science and Technology (FAST) UTHM	2018
28.	Panel examiner of previva PhD Thesis: Shahril Effendi A. Rahman (2018): Olahan Larut Resapan Menggunakan Media Komposit Karbon Teraktif, Zeolit, Batu Kapur dan Enapcemar Sisa Kertas, FKAAS, UTHM	2018
29.	Panel examiner of Assessment 2 for PhD Thesis: Yunusa Audu (2018): Evaluation of Carbon Dioxide Absorption Capacity of Sub Urban in UTHM	2018
30.	Examiner for Pre-Viva Master by Research Thesis: Abdul Rafiq bin Abdul Razak (2017): The Water Quality of Wastewater using Phycoremediation Treatment System.	2017
31.	Examiner for Pre-Viva PhD Thesis: Paran Anak Gani (2017). Production of Sustainable Hydrocarbon from Microalga Biomass after Phycoremediation of Wastewater	2017
32.	Panel examiner for Thesis MSc Assessment 2: Mohamed B.E. Bogelil (2017). Phytoremediation of Polluted Sembrong River Utilizing Two Aquatic Plant Species	2017
33.	Panel examiner for pre viva PhD Thesis: Adeleke Abdulrahman Oyekanmi (2017): Treatment of Palm Oil Mill using Activated Coconut Shell, Cow Bones and Zeolite Based Composite	2017

34.	Panel examiner for Pre-Viva PhD Thesis: Er Chin Ming (2017). Development of VCPR Method to Limiting Dilution Viability PCR to Assess the Effectiveness of Selected Biocides to Treat Indoor Fungi Growth	2017
35.	Panel examiner for MSc pre-viva assessment. Siti Zu Nurain Ahmad (2017). Phosphate Removal Mechanisms in Steel Slag Filter System of Different Chemical Composition	2017
36.	Examiner for pre-viva Master by Research Thesis: Menega a/p Subramaniam (2016)	2016
37.	Examiner for pre-viva Master by Research Thesis: Wellson bin Rasit (2016)	2016
38.	Examiner for the pre-viva Master by Research Thesis: Nurasiah Mira Binti Anuar (2015): Factors affecting the survival of Escherichia coli in dredged marine soils.	2015
39.	Examiner for Pre-Viva Thesis: Characterisation and Optimisation of Heavy Metals Biosorption by Fish Scales by Nabilah Zayadi.	2014
40.	Examiner pre-viva for Thesis: Onalo Joan Iye (2014): Bioremediation of Heavy Metals Polluted Water Using Immobilised Botryococcus Sp., A Freshwater Green Microalgae	2014

PANEL EXAMINERS (PRE-VIVA EXAMINER, THESIS PROGRESS EXAMINER, CHAIRPERSON VIVA)
=40

i) REVIEWER (INTERNAL AND EXTERNAL)

NO.	DETAILS	YEAR
1.	Reviewer for Water Practice and Technology Journal, IWA Publishing, 17 June 2022	2022
2.	Reviewer for Environmental Science and Pollution Research Journal, 9 June 2022	2022
3.	Reviewer for Water Practice and Technology manuscript, IWA Publishing, 18 May 2022	2022
4.	Reviewer for Water, Air, & Soil Pollution, Springer Publishing, 12 April 2022	2022
5.	Reviewer for International Journal of Environmental Analytical Chemistry, Taylors and Francis, 3 April 2022	2022
6.	Reviewer for Biomass Conversion and Biorefinery Journal, Springer Nature, 3 April 2022	2022
7.	Reviewer for International Journal of Environmental Analytical Chemistry, Taylors and Francis, 23 Feb 2022	2022
8.	Reviewer for Jurnal Kimia Sains dan Aplikasi, Diponegoro University, 22 Jan 2022	2022
9.	Reviewer for Brazilian Archives of Biology and Technology Journal, 8 Jan 2022	2022
10.	Reviewer for Journal of Sustainability Science and Management	2021
11.	Reviewer for Chemosphere Journal (Q1), Elsevier	2021
12.	Reviewer for Innovative Infrastructure Solutions Journal, Springer	2021
13.	Reviewer for International Journal of Ambient Energy, Taylors and Francis	2021
14.	Reviewer for Journal of Hazardous Materials (HAZMAT), Elsevier	2021
15.	Reviewer for Biomass Conversion and Biorefinery Journal, Springer Nature	2021
16.	Reviewer for Water and Environment Journal, Wiley Online Library	2021
17.	Reviewer for Environmental Chemistry Letters, Springer	2021
18.	Reviewer for Science of the Total Environment Journal	2021
19.	Reviewer for Waste and Biomass Valorization (WAVE) Journal, Springer Nature	2021
20.	Reviewer for Journal of Sustainability Science and Management	2021
21.	Reviewer for Emergent Materials Journal, Springer Nature	2021
22.	Reviewer for Biocatalysis and Agricultural Biotechnology Journal, Elsevier	2021
23.	Ahli Jawatankuasa Penilaian Teknikal Buku Teks Tingkatan Lima Kementerian Pendidikan Malaysia untuk Penyemakan Naskah Sedia Kamera, 2-6 November 2020	2020

24.	Reviewer Recent Trend in Civil and Environmental Engineering and Built Environment (RTCEBE) Fakulti Kejuruteraan Awam dan Alam Bina	2020
25.	Reviewer for Akademi Sains Malaysia (ASM) Science Journal, 2 July 2020	2020
26.	Reviewer for Journal of Sustainability Science and Management, Universiti Malaysia Terengganu	2020
27.	Reviewer for the Ozone: Science & Engineering Journal, Taylors and Francis	2020
28.	Reviewer for CENVIRON 2020, UniMAP	2020
29.	Reviewer for Scientific Research Journal paper, 21 June 2020	2020
30.	Reviewer for ACS Biomaterials Science & Engineering Journal	2020
31.	Reviewer for the International Journal of Environmental Analytical Chemistry, Taylor & Francis	2020
31.	Reviewer for Chemical Papers (CHPA) journal, Springer	2020
32.	Reviewer for the Journal of Building Engineering, Elsevier	2020
33.	Reviewer for Environmental Pollution journal, Elsevier	2020
34.	Reviewer for Water Environment Research, Wiley	2020
35.	Reviewer for International Journal of Environmental Analytical Chemistry, Taylors & Francis	2019
36.	Reviewer for Environmental Science and Pollution Research, Springer	2019
37.	Reviewer for papers in CENVIRON 2019	2019
38.	Reviewer for Environmental Technology Reviews, Taylors & Francis	2019
39.	Reviewer for Journal of Polymers and the Environment, SpringerNature (ISI)	2019
40.	Reviewer for International Journal of GEOMATE	2019
41.	Reviewer for International Journal of Integrated Engineering, UTHM Publisher	2019
42.	Reviewer for Soil Research, Commonwealth Scientific and Industrial Research Organisation (CSIRO) and the Australian Academy of Science	2019
43.	Reviewer for Desalination and Water Treatment, Taylors & Francis	2019
45.	Reviewer for International Journal of Environment and Waste Management, Inderscience	2019
46.	Reviewer for SEPKA-UTM	2018
47.	Reviewer for Jurnal Teknologi UTM, Special Issue	2018
48.	Reviewer for Chemosphere, ISI journal.	2018
49.	Reviewer for Desalination and Water Treatment, ISI journal.	2018
50.	Reviewer for Environmental Science and Pollution Journal Research Journal, ISI journal.	2018
51.	Reviewer for Jurnal Teknologi- Special Edition (ICPE-06 Proceedings)	2015
52.	Reviewer for paper conference Malaysian Technical Universities Conference on Engineering and Technology or MUCET 2015	2015
53.	Reviewer for Jurnal Teknologi UTM Press	2015
54.	Reviewer for Integrated International Engineering Summit Conference organized by UTHM	2014
55.	Reviewer for International Research Journal of Public and Environmental Health	2014

REVIEWER (INTERNAL AND EXTERNAL) = 51

L. INTELLECTUAL PROPERTIES

NO.	DETAILS	YEAR
1.	LY2022J00878- Zinc Oxide Nanoparticles Synthesized In Water Melon Peel Extract For Antibiotic Degradation In Environment (EGZNPs)	2022
2.	LY2022J00877- Antibiotics Removal From Wastewater Using Jackfruit Peels Adsorbent (JFPA)	

3.	LY2022J00871 - A Novel Cu-Zn Bionanocomposite Biosynthesized In Secondary Metabolic Products Of Aspergillus Arenarioides Ean603 With Pumpkin Peels Medium For Antibiotics Removal From Wastewater (Cz-Bnc-App)	2022
4.	LY2022J00870 - Novel Strains Of Fungi From Peatland At Pontian Johor Malaysia For Dye Decolourization	2022
5.	LY2022J00876 - Biosynthesis of Zno Nanoparticles From Secondary Metabolite Products Of Aspergillus lizukae Ean605 (EAN-ZNO NPS)	2022
6.	LY2022J00875 - Biosynthesis Of Zno Nanoparticles From Nymphaea Plant Extract (NE-ZNONPS)	2022
7.	LY2022J00874 - Production of L-Glutaminase As Anticancer Enzyme From A Novel Fungal Strain Aspergillus lizukae Ean605 In Soybean Curd (TOFU)	2022
8.	LY2021J01942- Laundry Greywater Treatment By Adsorption Process Using Ceramic Sanitary Ware Waste and Chitosan	2021
9.	IP LY20199004499-Copyright Optimisation of Biofringe Fiber- Sequencing Batch Reactor (BF-SBR) on the Physicochemical Characteristics of Chicken Slaughterhouse Wastewater	2019
10.	IP LY2019004495- Optimization of Coagulation and Flocculation Process of Dye Effluent Treatment by using Polyaluminium Chloride	2019
11.	IP LY2019007702- Microalgae-Microbial Fuel Cells (M-MFCs)	2019
12.	LY2018001798 - Formulated Fish Feed with Microalgae Scenedesmus sp. Derived from Wet Market Wastewater Phycoremediation	2018
13.	LY2018000758- Phycoremediation By-Product Fishmeal Production	2018
14.	LY2017005052 - Miracle Algae Bead for Fish Supplement from Chicken Slaughterhouse Wastewater Treatment	2017
15.	IP LY2017001813- Sequencing Batch Reactor for Treatment by Algae and Harvest System	2017
16.	LY2017005052- Miracle Algae Bead for Fish Supplement from Chicken Slaughterhouse Wastewater Treatment	2017

INTELLECTUAL PROPERTIES=9

M. MoA/MoU

i) MoA Coordinator

No	Activity	Agency	Position	Year
1.	Memorandum of Agreement Between Faculty of Civil and Environmental Engineering Universiti Tun Hussein Onn Malaysia and Faculty of Science And Technology Universitas Airlangga	Universitas Airlangga	Coordinator	2019

	on Academic And Educational Collaboration			
2.	Memorandum of Agreement Between Universiti Tun Hussein Onn Malaysia and Universitas Narotama on Academic And Educational Collaboration	Universitas Narotama	Coordinator	2019
3.	Memorandum of Agreement Research Collaboration Agreement Between Universiti Teknologi Malaysia and Universiti Kebangsaan Malaysia and Universiti Tun Hussein Onn Malaysia for the program entitled Research Consortium For Wastewater Resource Recovery (RCWRR) as part of Konsortium Kecemerlangan Penyelidikan (KKP)	Universiti Teknologi Malaysia and Universiti Kebangsaan Malaysia and Universiti Tun Hussein Onn Malaysia	Coordinator for UTHM	2021

ii) MoU Coordinator

No	Activity	Agency	Position	Year
1.	Memorandum of Understanding Between Universiti Tun Hussein Onn Malaysia And All Cosmos Industries Sdn Bhd On Industrial And Educational Collaboration	All Cosmos Industries Sdn Bhd	Coordinator	2022