



CURRICULUM VITAE

PERSONAL DETAILS			
Name	JOSILVA A/L M MUNIANDY	Tel	0167612651
Gender	LELAKI	E-mail	josilva@utm.my
Date of Birth	25/09/1987	Website	
Age	38 year(s) 2 month(s)	Staff ID	16752
Nationality	MALAYSIA	Permanent Address	107, LORONG 4/1,TAMAN WIRA,,08000,KEDAH,SUNGAI PETANI
Marital Status	BERKAHWIN	Correspondent Address	107, LORONGB 4/1,TAMAN WIRA,,08000,KEDAH,SUNGAI PETANI
LPPT Marks (3 years)	2022	2024	2023
	85	91.9	84.35
Asset Declaration Approval Date	13/04/2023		
	ID	URL	
SCOPUS	57148582600	https://www.scopus.com/authid/detail.uri?authorId=57148582600	
WOS	KHY-2701-2024	https://www.webofscience.com/wos/author/record/KHY-2701-2024	
	URL		
Google Scholar	https://scholar.google.com/citations?hl=en&user=mDRRqoEAAAAJ		
Researchgate			

EXPERTISE (NEC)	
Broad	Engineering, Manufacturing and Construction
Narrow	Engineering and engineering trades
Details	Civil engineering
Specialization	ENVIRONMENTAL ENGINEERING
	HYDROLOGY
	ENVIRONMENTAL MANAGEMENT

EXPERTISE (FOR)				
No	Division	Category	Group	Area
1	ENGINEERING	CIVIL ENGINEERING	Hydrology and Hydraulic Engineering	Engineering Hydrology (Including Ground Hydrology)

ACADEMIC QUALIFICATION				
No	Level of Education	Course	University	Year
1	SARJANA MUDA / BACHELOR	KEJURUTERAAN AWAM	UNIVERSITI TEKNOLOGI MALAYSIA	2012
2	DIPLOMA	KEJURUTERAAN AWAM	UNIVERSITI TEKNOLOGI MALAYSIA	2009
3	DOKTOR FALSFAH / PHD	KEJURUTERAAN AWAM	UNIVERSITI TEKNOLOGI MALAYSIA	2018

WORKING EXPERIENCE				
No	Position	Department / Organisation	Start Date	End Date
1	JURUTERA (AWAM) J41	KEMENTERIAN KESIHATAN MALAYSIA	20/04/2020	10/12/2022
2	PENSYARAH	LIMKOKWING UNIVERSITY OF CREATIVE TECHNOLOGY	01/10/2018	30/06/2019

AWARD AND HONORS RECEIVED			
No	Award	Level	Year
1	ANUGERAH BERKAITAN KUALITI PERKHIDMATAN	FAKULTI	2024
2	ANUGERAH PENGHARGAAN PEMBELAJARAN TERADUN	FAKULTI	2024
3	ANUGERAH KUALITI AKADEMIK	FAKULTI	2023
4	ANUGERAH PENGHARGAAN PEMBELAJARAN TERADUN	FAKULTI	2023
5	ANUGERAH BERKAITAN KUALITI PERKHIDMATAN	UNIVERSITI	2024
6	ANUGERAH DALAM BIDANG KEMASYARAKATAN	UNIVERSITI	2024

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION				
No	Professional Bodies	Level	Role	Year
1	LEMBAGA JURUTERA MALAYSIA	KEBANGSAAN	AHLI	2018
2	MALAYSIA BOARD OF TECHNOLOGISTS	KEBANGSAAN	AHLI	2022

ADMINISTRATIVE EXPERIENCES				
No	Position	Department / Faculty / Division	Start Date	End Date
1	PENYELARAS BIDANG	J22-FAKULTI KEJURUTERAAN AWAM	01/10/2024	30/09/2025

CONSULTATION WORKS				
No	Title	Value	Vot No	Year
1	THE 3RD INTERNATIONAL CONFERENCE FOR ENVIRONMENTAL SUSTAINABILITY AND RESOURCE SECURITY (IC-ENSURES) 2024	104,769.36	A.J091101.5600.07708	2024
2	PERKHIDMATAN LATIHAN KURSUS SUKARELAWAN BENCANA	27,140.00	2533	2024

COMMITTEE					
No	Name of Committee	Role	Level	Start Date	End Date
1	6TH INTERNATIONAL CONFERENCE ON WATER RESOURCES (ICWR 2025)	AHLI JAWATANKUASA	ANTARABANGSA	01/08/2024	31/07/2026
2	INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SUSTAINABILITY AND RESOURCE SECURITY (IC-ENSURES 2024)	AHLI JAWATANKUASA	ANTARABANGSA	01/06/2023	31/08/2024
3	JAWATANKUASA MYRA FAKULTI KEJURUTERAAN AWAM SECTION B : QUANTITY AND QUALITY OF RESEARCHERS	PENGERUSI	FAKULTI	01/10/2024	31/12/2026
4	AHLI JAWATANKUASA PASUKAN TINDAKAN KECEMASAN 2025/2026	AHLI JAWATANKUASA	FAKULTI	01/01/2025	31/12/2026
5	HYDRAULIC AND HYDROLOGY RESEARCH GROUP (HHRG)	AHLI JAWATANKUASA	FAKULTI	01/01/2024	31/12/2025
6	AHLI JAWATANKUASA ALUMNI FAKULTI KEJURUTERAAN AWAM	AHLI JAWATANKUASA	FAKULTI	01/04/2023	31/03/2025
7	FKA INDUSTRY-COMMUNITY ENGAGEMENT DAY 2024 (FKA ICE DAY 2024), FAKULTI KEJURUTERAAN AWAM	AHLI JAWATANKUASA	FAKULTI	19/03/2024	31/12/2024
8	JAWATANKUASA GALERI FAKULTI KEJURUTERAAN AWAM	AHLI JAWATANKUASA	FAKULTI	01/01/2023	31/12/2024
9	PERSEDIAAN AUDIT AKREDITASI (ENGINEERING ACCREDITATION COUNCIL) 2024	AHLI JAWATANKUASA	FAKULTI	01/10/2024	06/11/2024
10	JAWATANKUASA KESELAMATAN DAN KESIHATAN FAKULTI KEJURUTERAAN AWAM	AHLI JAWATANKUASA	FAKULTI	10/10/2023	31/10/2024
11	RESEARCH GRANT & STAFF ACHIEVEMENT TASK FORCE	AHLI JAWATANKUASA	FAKULTI	27/09/2023	26/09/2024
12	TASK FORCE PENERBITAN "8TH PROCEEDING OF CIVIL ENGINEERING 2023"	AHLI JAWATANKUASA	FAKULTI	09/07/2023	08/07/2024
13	TASKFORCE KORPORAT JABATAN KEJURUTERAAN AIR DAN ALAM SEKITAR, FAKULTI KEJURUTERAAN AWAM.	AHLI JAWATANKUASA	FAKULTI	01/10/2023	31/12/2023
14	JAWATANKUASA MYRA FAKULTI KEJURUTERAAN AWAM SECTION B : QUANTITY AND QUALITY OF RESEARCHERS	AHLI JAWATANKUASA	FAKULTI	01/01/2023	31/12/2023
15	JAWATANKUASA "FKA INDUSTRY-COMMUNITY RESEARCH DAY 2023" FAKULTI KEJURUTERAAN AWAM	AHLI JAWATANKUASA	FAKULTI	08/10/2023	21/12/2023
16	KURSUS ASAS SUKARELAWAN (ASAS 101)	AHLI JAWATANKUASA	KEBANGSAAN	21/08/2024	11/09/2024
17	JAWATANKUASA EMERGENCY RESCUE TEAM (ERT) DI KOLEJ DATIN SERI ENDON, UNIVERSITI TEKNOLOGI MALAYSIA	AHLI JAWATANKUASA	UNIVERSITI	20/12/2023	19/12/2024
18	BUKU PANDUAN PELAJAR : MEMBANGUN ADAB DAN ETIKA	AHLI JAWATANKUASA	UNIVERSITI	14/06/2024	28/10/2024

SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES				
No	Name of Activities	Venue	Start Date	End Date
1	ACADEMIC ADVISOR	FKA	06/10/2024	30/09/2028
2	PENASIHAT AKADEMIK FAKULTI KEJURUTERAAN AWAM	-	18/01/2023	31/12/2026
3	MAJLIS FELOW KOLEJ DATIN SERI ENDON	-	01/08/2024	31/07/2026
4	PERKHIDMATAN LATIHAN KURSUS SUKARELAWAN BENCANA	UNI TECHNOLOGIES SDN BHD	14/10/2024	31/12/2025
5	PENSYARAH PROGRAM SARJANA MUDA PUSAT PENGAJIAN SEPARUH MASA UTM	SPACE UTM	05/10/2024	16/02/2025
6	PENILAIAN PEMBENTANGAN PERINGKAT PERTAMA PELAJAR PENYELIDIKAN - SEMESTER 1 SESI 2024/2025	FKA	15/12/2024	07/01/2025
7	KELAB KELUARGA FKA 2024	-	01/01/2024	31/12/2024
8	PERSATUAN FELOW KOLEJ KEDIAMAN	-	01/01/2024	31/12/2024
9	KEM PEMBENTUKAN DAN PEMANTAPAN JAWATANKUASA KOLEJ MAHASISWA (JKM) KDSE SESI 2024/2025	KDSE	11/12/2024	13/12/2024
10	PROJEK 'SAVE THE PLANET -AMALAN LESTARI BERSAMA SEKOLAH ANTARABANGSA INVICTUS.	-	09/12/2024	10/12/2024
11	IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE	IC ENSURES	01/09/2024	30/11/2024
12	PENASIHAT TENPIN BOWLING KDSE	UTM GAMES 2024	07/11/2024	16/11/2024
13	Panduan Pembangunan Program Kolej Yang Melibatkan Komuniti Luar Kampus UTM	PFKK / DEWAN ASTANA, KOLEJ TUNKU CANSELOR	06/11/2024	06/11/2024
14	PROJEK HORIZON HIJAU: MEMUPUK KOMUNITI MELALUI AMALAN LESTARI DAN PEMBINAAN KETAHANAN DI SK PENDAS LAUT	-	01/08/2024	31/10/2024
15	10TH ASIA LOW CARBON INTERNATIONAL CONFERENCE (ICLCA'24)	DALIAN, CHINA	21/09/2024	24/09/2024
16	Jom Menulis: Pengenalan Kepada Teknik Penulisan Karya Asli Untuk Warga PFKK	PFKK / DEWAN SERI KENCANA, KOLEJ DATIN SERI ENDON	23/09/2024	23/09/2024
17	LARIAN MERDEKA FKA 2024	KELAB KELUARGA FKA	12/09/2024	12/09/2024
18	KURSUS PENGENALAN ASAS SUKARELAWAN (ASAS 101)	UTM PRIHATIN	08/09/2024	11/09/2024
19	PENYELIA MAKMAL KEJURUTERAAN AWAM 1	SPACE FKA	02/09/2024	09/09/2024
20	PROGRAM KESEDARAN PERUBAHAN IKLIM SEKOLAH MENENGAH KEBANGSAAN DATO' PENGAWA BARAT, PONTIAN	IPASA	15/08/2024	15/08/2024
21	PANDUAN MENDEKATI PELAJAR YANG MENGALAMI PERMASALAHAN EMOSI DAN MENTAL DI KAMPUS, BIRO PEMBANGUNAN BUDAYA & ILMU PERSATUAN FELOW KOLEJ KEDIAMAN	PFKK / DEWAN SERI KENCANA, KOLEJ DATIN SERI ENDON	13/08/2024	13/08/2024
22	MAJLIS FELOW KOLEJ DATIN SERI ENDON (KDSE)	-	01/08/2023	31/07/2024
23	ASEAN Engineering Journal	-	11/07/2024	18/07/2024
24	HARI KESELAMATAN DAN KESIHATAN PEKERJAAN	HOSPITAL PERMAI JOHOR	30/06/2024	30/06/2024
25	PROJEK SARJANA MUDA, FAKULTI KEJURUTERAAN AWAM, PROGRAM PENGAJIAN SEPARUH MASA, UTM SPACE	-	25/06/2024	25/06/2024
26	THE 3RD INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SUSTAINABILITY AND RESOURCE SECURITY (IC-ENSURES 2024)	IPASA	04/06/2024	05/06/2024
27	MAJLIS APRESIAISI IPF	-	01/11/2023	31/05/2024
28	WORLD SCIENCE, ENVIRONMENT AND ENGINEERING COMPETITION 2024	JAKARTA, INDONESIA	13/05/2024	16/05/2024
29	VIVA PHD MOHD ZULKHAIRI BIN MAT SALLEH	-	02/05/2024	02/05/2024
30	MODERATOR PROJEK SARJANA MUDA	-	01/07/2023	31/03/2024
31	VIVA PHD AHMAD ZUHDI BIN ISMAIL	-	26/03/2024	26/03/2024

32	GLOBAL YOUTH INVENTION AND INNOVATION FAIR 2024	BOGOR, INDONESIA	11/01/2024	14/01/2024
33	KELAB KELUARGA FKA	-	01/01/2023	31/12/2023
34	8th Proceeding of Civil Engineering, FKA	-	01/07/2023	31/12/2023
35	8th Proceeding of Civil Engineering, FKA	-	13/12/2023	31/12/2023
36	VIVA-VOCE ABDUL AL-HAFIIS BIN ABDUL RAHMAN LIM (SARJANA)	-	31/10/2023	22/11/2023
37	INTERNATIONAL CONFERENCE ON LOW CARBON ASIA (ICLCA)	OKAYAMA UNIVERSITY	17/10/2023	18/10/2023
38	PROGRAM TRAIN OF TRAINERS BERSEMPENA HARI SUNGAI SEDUNIA 2023 BERSAMA KOMUNITI SUNGAI MELAYU DAN SUNGAI PENDAS	-	11/10/2023	11/10/2023
39	FASILITATOR PROGRAM HARI SUNGAI SEDUNIA 2023 BERSAMA KOMUNITI SUNGAI MELAYU DAN SUNGAI PENDAS	-	24/09/2023	24/09/2023
40	Larian Pahlawan Virtual Fun Run Semarak Merdeka KDSE 2023	-	21/08/2023	10/09/2023
41	UTM STAFF GAMES	-	08/06/2023	05/08/2023
42	World Science, Environment and Engineering Competition 2023 Jakarta, Indonesia	INTERNATIONAL YOUNG SCIENTIST ASSOCIATION	01/08/2023	05/08/2023
43	POST PANDEMIC HANDS ON LAB WEEK CIVIL ENGINEERING LABORATORY	-	30/07/2023	02/08/2023
44	WACANA ILMIAH GEOTROPIK SIRI 2 2023 "BEYOND THE SURFACE: GEOPHYSICS APPLICATIONS IN CIVIL ENGINEERING AND ENVIRONMENTAL ISSUES	-	29/05/2023	29/05/2023
45	PEMBENTANGAN KEMAJUAN PENYELIDIKAN FKA	-	15/05/2023	15/05/2023
46	YOUTH INTERNATIONAL SCIENCE FAIR, BALI INDONESIA	INTERNATIONAL YOUNG SCIENTIST ASSOCIATION	08/03/2023	12/03/2023

RESEARCH ACTIVITIES								
No	Name of Grant	Role	Category of Grant	Type of Grant	Amount (RM)	Vot No	Start Date	End Date
1	ASSESSMENT OF NON-POINT SOURCE POLLUTION HOTSPOTS IN MACHAP DAM WATERSHED	PRINCIPAL INVESTIGATOR	UTM	INTERNAL	69998	Q.J130000.3822.31J73	01/10/2023	31/03/2026
2	CITIZEN SCIENCE AND OPEN SCIENCE FOR PLANETARY HEALTH BOOTCAMP	MEMBER	OTHERS	EXTERNAL	29401.24	R.J130000.6801.4J774	14/03/2025	31/10/2025
3	FORMULATING AND IMPLEMENTING COOPERATION STRATEGIES OF REDUCING FLUOROCARBONS EMISSIONS IN DEVELOPING COUNTRIES (FY2023)	MEMBER	OTHERS	EXTERNAL	58500	R.J130000.7322.1U007	08/08/2023	31/08/2024
4	SINE SLAB TIF 2022 : TESTING FOR COASTAL PROTECTION AT THE SHORELINE OF UNIVERSITI MALAYSIA TERENGGANU (UMT), TERENGGANU	MEMBER	OTHERS	EXTERNAL	80000	Q.J130000.2222.00Q20	15/11/2022	31/12/2025
5	UKM MONSUN 1.2: PENGARUH PENINGKATAN ARAS LAUT TERHADAP BANJIR PANTAI	MEMBER	OTHERS	EXTERNAL	30000	R.J130000.7322.1R100	01/05/2025	31/07/2026

COLLABORATION / MOU				
No	Title	Level	Start Date	End Date
NONE				

TEACHING ACTIVITIES							
No	Category	Semester	Sem	Subject Code	Subject	Credit Hour	No. of Student
1	UNDERGRADUATES	2025/2026	1	SEAA4613	Water Resources Management	3	38
2	UNDERGRADUATES	2025/2026	1	SEAA4022	Research Methodology And Pre-Project	2	33
3	UNDERGRADUATES	2025/2026	1	SEAA3613	Hydrology And Water Resources	3	18
4	UNDERGRADUATES	2024/2025	1	SEAA4613	Water Resources Management	3	42
5	UNDERGRADUATES	2024/2025	1	SEAA3613	Hydrology And Water Resources	3	47
6	UNDERGRADUATES	2024/2025	1	SKAB4613	Water Resources Management	3	1
7	UNDERGRADUATES	2024/2025	1	SEAA3012	Civil Engineering Laboratory 2	2	49
8	UNDERGRADUATES	2024/2025	2	SEAA3613	Hydrology And Water Resources	3	42
9	UNDERGRADUATES	2023/2024	1	SEAA3613	Hydrology And Water Resources	3	33
10	UNDERGRADUATES	2023/2024	2	SEAA3613	Hydrology And Water Resources	3	34
11	UNDERGRADUATES	2023/2024	1	SEAA2012	Civil Engineering, Laboratory 1	2	16
12	UNDERGRADUATES	2023/2024	1	SEAA3012	Civil Engineering Laboratory 2	2	31
13	UNDERGRADUATES	2023/2024	2	SEAA3012	Civil Engineering Laboratory 2	2	49
14	UNDERGRADUATES	2023/2024	2	SEAA2012	Civil Engineering, Laboratory 1	2	55
15	UNDERGRADUATES	2022/2023	2	SEAA3012	Civil Engineering Laboratory 2	2	26
16	UNDERGRADUATES	2022/2023	2	SEAA3613	Hydrology And Water Resources	3	24
17	UNDERGRADUATES	2022/2023	2	SEAA2012	Civil Engineering, Laboratory 1	2	41
18	POSTGRADUATES	2024/2025	2	MEAG1243	Ground Water Hydrology	3	3
19	POSTGRADUATES	2024/2025	2	MEAG1223	Water Resources Management	3	2
20	POSTGRADUATES	2023/2024	2	MEAG1243	Ground Water Hydrology	3	2
21	POSTGRADUATES	2023/2024	2	MKAG1243	Ground Water Hydrology	3	2

SUPERVISION (PHD Student)					
No	Name	Title	Role of Supervision	Status	Date of Graduation (Based on Senate Letter)
1	Zainab Bt Mat Lazim	OCCURRENCE AND BIOACCUMULATION OF SILVER AND SILVER NANOPARTICLES IN THE SKUDAI RIVER, JOHOR, MALAYSIA.	CO-SUPERVISOR	On-Going	-

SUPERVISION (MSc. Student)						
No	Name	Title	Role of Supervision	Mode	Status	Date of Graduation (Based on Senate Letter)
NONE						

INTERNAL AND EXTERNAL EXAMINATION						
No	Type	Category	Student Name	Organisation	Title	Year
NONE						

LIST OF PUBLICATION (INDEXED ARTICLE / REVIEW)												
No	Article Title	Journal Title	ISSN	Vol	Issue	Page	IF	Type of Publication	Category of Publication	Quartile Ranking	Author Role	Year
NONE												

OTHER PUBLICATION				
No	Type	Title	Author Role	Year
1	JOURNAL ARTICLE NON CITATION-INDEXED	EXAMINING SPATIOTEMPORAL PATTERNS OF TEMPERATURE EXTREMES IN JOHOR: A LINK TO PUBLIC PERCEPTION	CO-AUTHOR	2025
2	JOURNAL ARTICLE NON CITATION-INDEXED	THE IMPACT OF CLIMATE CHANGE ON WATER QUALITY: A BIBLIOMETRIC REVIEW (2010-2024)	CORRESPONDING AUTHOR	2025
3	PUBLICATION IN ACADEMIC AND PROFESIONAL MAGAZINE	COASTAL WATCH	CO-AUTHOR	2024
4	JOURNAL ARTICLE NON CITATION-INDEXED	EXPLORING RUNOFF WATER QUALITY RESEARCH TRENDS IN MALAYSIA (2001-2023): A BIBLIOMETRIC ANALYSIS	CORRESPONDING AUTHOR	2024
5	ARTICLE IN MASS MEDIA	MALAYSIA'S PERSPECTIVE ON WATER RESOURCE SHARING: LEVERAGING WATER FOR PEACE	CORRESPONDING AUTHOR	2024
6	ARTICLE IN MASS MEDIA	URBAN HEALTHCARE IN THE 21ST CENTURY	CORRESPONDING AUTHOR	2024
7	PROCEEDINGS	ANALYZING THE EVOLUTION OF AGRICULTURAL NON-POINT SOURCE POLLUTION RESEARCH IN MALAYSIA: A BIBLIOMETRIC PERSPECTIVE (2012-2022)	CORRESPONDING AUTHOR	2023
8	PUBLICATION IN ACADEMIC AND PROFESIONAL MAGAZINE	ASSESSING WATER SECURITY THREATS FROM AGRICULTURAL NON-POINT SOURCE POLLUTANTS: SURFACE AND SUBSURFACE TRANSPORT	CORRESPONDING AUTHOR	2023

PLENARY/ CHAIRPERSON/ ORAL POSTER PRESENTER/ KEYNOTE ADDRESS/ INVITED GUEST SPEAKER					
No	Role	Title of Programme	Level of Program	Location	Date
1	PENCERAMAH JEMPUTAN	HARI KESELAMATAN DAN KESIHATAN PEKERJAAN	KOMUNITI / DAERAH	HOSPITAL PERMAI JOHOR	30/06 /2024

PROFESSIONAL SERVICES (Entrepreneurship)			
No	Name of Corporation / Entity	Category / Role	Total Income Generated (RM)
1		HICOE management/agency :	0

PROFESSIONAL SERVICES (Community Project and University Services)						
No	Role	Title of Programme	Level	Location	Date	Total Income Generated (RM)
NONE						

PROFESSIONAL SERVICES (Endowment and Wakaf to University)		
No	Name of Endowment and Wakaf	Total Contribution (RM)
NONE		

PROFESSIONAL SERVICES (Commercialisation)				
No	Role	Name of Product Commercialisation	Date	Total Income Generated (RM)
NONE				

PROFESSIONAL SERVICES (Grant based on innovation and University Commercialisation Product)								
No	Name of Grant	Role	Category of Grant	Type of Grant	Vot No.	Start Date	End Date	Amount (RM)
NONE								

PROFESSIONAL SERVICES (Copyright, Patent Granted and Filing)			
No	Name / Title	Type	Status
1	Simulated Biophysical Mechanism of Urban Heat Island under Varying Environments and Climates	COPYRIGHT	APPROVED
2	A MODULAR UNIT	INDUSTRIAL DESIGN	APPROVED
3	MODULAR UNIT FOR EROSION-PRONE REGION INCLUDING BEACH AND COASTAL AREAS, FEMALE MODULAR UNIT, MALE MODULAR UNIT, ASSEMBLY AND METHOD THEREOF	PATENT	APPROVED

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