

# CURRICULUM VITAE

## CV



Name	Dr. Munir Faraj Almabrouk Alkbir.
Nationality	Libyan
Date of Birth	Tripoli – Libya 25/1/1974
Last qualification	PhD
E.mail Address	<a href="mailto:munir@unikl.edu.my">munir@unikl.edu.my</a> <a href="mailto:m.f.m.alkbir@gmail.com">m.f.m.alkbir@gmail.com</a>
Phone Number	00601137011603
Personal Researcher ID	ORCID iD <a href="https://orcid.org/0000-0001-7652-8141">https://orcid.org/0000-0001-7652-8141</a> Scopus Author ID: 23110580100 Link <a href="https://www.scopus.com/authid/detail.uri?authorId=23110580100">https://www.scopus.com/authid/detail.uri?authorId=23110580100</a>
Google Scholar_ Link	<a href="https://scholar.google.com/citations?user=c21LZz0AAAAJ&amp;hl=en">https://scholar.google.com/citations?user=c21LZz0AAAAJ&amp;hl=en</a>
Citation	368
h-index	9
I 10-index	8
Area of interest	Natural fibre composite, Energy absorption capability, Heat transfer, and air conditioning, Thermodynamic. and Composite material

<b>Academic Qualification</b>	
1	Doctor of Philosophy in Mechanical Engineering Ph.D. University Putra Malaysia, (UPM) (2017)
2	M.Sc. Mechanical Engineering, University Putra Malaysia, Malaysia, (UPM)(2001-2004)
3	B.Sc. Mechanical engineering (Air conditioning and cooling) Faculty of Technical Engineering -Tripoli, Libya (1992-1996)

<b>Appointments</b>	
1	Senior lecturer at university Kula Lumpur UniKL 7 /November / 2018 up to date
2	Postdoctoral fellowship at Innovation Technology Department at (UNISZA) University Sultan Zainal Abidin - Malaysia (1/October /2017 to 30 /October /2018)
3	Head of Mechanical Engineering Department at Higher Institute of Technical Sciences Bin Ghashir –Tripoli-Libya (10/ September/ 2006 to 30 /November /2012)
4	Lecturer at Mechanical Engineering Department at Higher Institute of Technical Sciences Bin Ghashir –Tripoli-Libya. (10/March/2010 to 30/ November /2012)
5	Lecturer, Assistant at Mechanical Engineering Higher Institute of Technical Sciences Bin Ghashir –Tripoli- Libya 1/ January /2005 to 10 / September /2010
6	Tutor and Lab Coordinator Air condition and cooling Workshop/Thermo-Fluid Mechanical Engineering Department Higher Institute of Technical Sciences Bin Ghashir –Tripoli- Libya 10/ January/ 1999 to 30/ November / 2000

<b>University Kuala Lumpur Appointments (2018-2022)</b>	
Appointed for Editorial Board in Malaysian Journal of Industrial Technology (MJIT) e-ISSN No: 2637-1081 (Online), ISSN No: 2462-2540 (Print). For year 2022 Up-to-date.	
Appointment of student club and society advisor for year 2022 Up-to-date	
Appointed as committee member of Surau As-Shafie UniKL MITEC -2019 Up - to - date	
Appointed as student supervision first- second-year project 2019 Up-to-date	
<p>Appointed as students supervision</p> <ul style="list-style-type: none"> <li>• <b>Five</b> Ph.D Students as main supervisor (UniKL) <b>Ongoing</b></li> <li>• <b>One</b> Ph.D Student. co-supervisor (UniKL) <b>Ongoing</b></li> <li>• <b>One</b> Ph.D Student. co-supervisor (UPM) <b>Ongoing</b></li> <li>• <b>One</b> Master's student as Co-supervisor (UniKL) <b>Ongoing</b></li> </ul>	
Appointed as evaluators for STRG Application, UniKL MITEC (2021)	
Appointed Member of MyMITEC Industry team(2020 up to date )	
Appointed a panel of evaluators for STRG Application, UniKL MITEC (2019)	
Appointed a committee member of E. Learning team (VLE Task Force) UniKL MITEC (2020 )	
Appointed as undergraduate student advisor 2019 Up-to-date	
Appointed a committee member in Engineering & Technology ( Publication section) second International Research conference and innovation exhibition 2019	
Appointed a Member, advanced facilities engineering technology research Cluster, Malaysian Institute of Industrial Technology (MITEC), University Kuala Lumpur (2019 up to date)	

<b>Professional Qualification/ Membership</b>		
1	The international association of engineers (IAENG)	Membership
2	Malaysian scientific association (MSA)	Fellow membership number: AF 190/20

Subjects Taught	
1.	Heat transfer-I
2.	Cooling –I-II
3.	Workshop Technology
4.	Air conditioning, I-II
5.	Thermodynamic I-II
6.	Rotating Equipment
7.	Heat, Ventilation And Air Conditioning (HVAC) System
8.	Fluid Mechanics
9.	Mass and Heat Transfer
10	Material Handling Equipment
11	Mechanical System
12	Research Methodolgy ( Postgraduate students )

Lecturer Assessment Report			
No	Session	Average	Grade
1	Course Evaluation Semester Jan 2022 (Main1)	4.56	Excellent
2	Course Evaluation Semester July 2021 (Main1)	4.44	Excellent
3	Course Evaluation Semester Jan 2021 (Main1)	4.65	Excellent
4	Course Evaluation Semester July 2020	4.64	Excellent
5	Course Evaluation Semester January 2020	4.64	Excellent
6	Course Evaluation Master Jan 2020	4.27	Excellent
7.	Lecturer's Evaluation July 2019	4.88	Excellent
8	Lecturer's Evaluation Jan 2019	4.23	Excellent

KPI				
NO	Performance Plan	Company	Job Title	Score
1.	Performance Plan 2020	Universiti Teknikal Mara SDN BHD	Senior Lecturer	80.99
2	Performance Plan 2020	Universiti Teknikal Mara SDN BHD	Senior Lecturer	80.99

Awards/Recognition				
NO	Name of awards	Title	Award Authority	Year
1.	Best top ten projects	Marked with a The role of the private sector in achieving the goals of sustainable development	First International Mediterranean Conference	2021
2.	Silver medal	2 <sup>ND</sup> International research conference and Innovation exhibition	MITEC Campus	2019
3.	Memorizing three GUSO in QURAN.	Libyan embassy in Malaysia	KL	2017
4.	Best oral presentation	2015 6 <sup>th</sup> International Conference on Mechanical, industrial, and manufacturing technologies (MIMT 2015), Melaka, Malaysia	International Association of Computer science and Information technology (IACSIT)	2015
5.	Best paper award	Postgraduate Symposium on composites science and Technology on Natural Fibre composites 2014, UPM Serdang.	Faculty of Engineering (UPM)	2014

Research Topics (Project Leader)
<ul style="list-style-type: none"> <li>Title: Energy adsorption and failure mode investigation of composite tubes using various types of natural fibers. (2020) <b>(Ongoing)</b></li> <li>Source of fund: Universiti Kuala Lumpur - Malaysian Institute of Industrial Technology (UniKL MITEC) short-term grant</li> <li>Amount: RM 40,000 <b>(Project Leader)</b></li> </ul>
<ul style="list-style-type: none"> <li>Title: DEGRADATION BEHAVIOUR OF MAGNESIUM COATED WITH Degradation Behaviour Of Magnesium Coated With Polycaprolactone Membrane Fabricated From Non-Solvent Induced Phase Separation In SSimulatedBody Fluid.. <b>FRGS 2022-1 (SUBMITTED )</b></li> <li>Source of fund: <b>FRGS 2022-1</b></li> <li>Amount: RM (86200) <b>(Project Member)</b></li> </ul>
<ul style="list-style-type: none"> <li>Title: Effect of Strain-rate on Delamination Characterization of Long Bamboo Fiber Composites. <b>FRGS 2022-1 (SUBMITTED )</b></li> <li>Source of fund: <b>FRGS 2022-1</b></li> <li>Amount: RM (72000) <b>(Project Member)</b></li> </ul>

<b>Activities</b>			
<b>NO.</b>	<b>Name and Date</b>	<b>Organizer</b>	<b>Remarks</b>
1.	International Marketing At Libyan School Kuala Lumpu 12/7/2022	UniKL Marketing, Student Recruitment & Admission Division	Team Member
2.	Marketing Booth 16/ 6/2022	MeSRA Unit Unikl MITEC	Volunteer
3.	Donation and Visit Program To The Rumah Kebajikan Anak Anak Yatim Ampang KL 28/4/2022	UniKL – MITEC Plant Engineering Techninology (PETech) Under CSR Program Under	Group Leader
4.	UniKL MITEC Flood Relief JOHOR-2022	UniKL – MITEC	Volunteer
5.	MMC activity with Plant Engineering Techninology (PETech) at Maahaz Tahfiz Riadatul Solihin , ULU Tiram, Johor 19 /12/2021	MMC activity with Plant Engineering Techninology (PETech)	Volunteer
6.	Surau As-Shafie UniKL MITEC. 2019 up-to-date	S urau As-Shafie UniKL MITEC	Committee Member

<b>Workshop And ,Training</b>			
<b>NO.</b>	<b>Name and Date</b>	<b>Organizer</b>	<b>Remarks</b>
7.	Intellectual Property By Myipo South Branch & Internal Sharing 29 J/6/ <b>2022</b>	Unikl MITEC Research and Innovation (R&I)	Participant
8.	Solar PV and EnerEfficiencyncy For Home 28-6/ <b>2022</b>	MyMITEC Green UniKL-MITEC	Participant
9.	Maintenance Management Tools in Facilities Maintenance 8/6/ <b>2022</b>	Unikl MITEC BFAME SECTION	Participant
10.	Invited External evaluator Faculty of Engineering, Universiti Putra Malaysia,43400 Serdang, Selangor D.E, Malaysia. Panel Evaluation for Student Questionnaire PhD level 20/5/ <b>2022</b>	Faculty of Engineering, Universiti Putra Malaysia,43400 Serdang, Selangor D.E, Malaysia	External Evaluator
11.	Research and Publication Approaches ( Malaysian experience) 26/2/ <b>2022</b>	Unikl MITEC	Instructor (International)
12.	.Panel Evaluator <b>2021</b>	UniKL MITEC Research and Innovation (HoRI)	Selected as panel evaluator for STRG 2021 application
13.	Theoretical Training - Steam Engine 7-4 - <b>2021</b>	UniKL – MITEC	Participant
14.	Theoretical Training - Engine Test Bed 6-4- <b>2021</b>	UniKL – MITEC	Participant
15.	Training - Ultrasonic Air Borne & Structure Borne (RMK11 equipment) 16-18-3- <b>2021</b>	UniKL – MITEC	Participant
16.	How to Use the Microsoft Teams? 29/2/ <b>2021</b>	The First International Maghreb Conference on Developments in Sustainable Development 'Reality and Hope	Instructor

17.	Plagiarism Analysis using Turnitin software 29/2/2021	The First International Maghreb Conference on Developments in Sustainable Development 'Reality and Hope	Instructor
18.	"Scopus talk on addressing the challenges of Predatory publishing: Malaysia Chapter" 25-2- 2021	Elsevier Research Intelligence team Kuala Lumpur	Participant
19.	Training - Vibration Equipment (RMK11) 6-7-1-2021	UniKL – MITEC	Participant
20.	User Acceptance Test (UAT) for Steam Engine and Engine Test Bed 22 -12- 2020	UniKL – MITEC	Participant
21.	How to Publish in High Impact Journals by Prof Ilhan Uzturk 17 -12- 2020	IC 2020 Pre-workshop	Participant
22.	Vibration analysis training and certification 5 – 9- 10-2020	A.F Condition monitoring (M) Sdn Bhd,Bandar Sri Damansara,Kuala Lumpur	Participant
23.	KFS Maintenance Products 25 -16-7- 2020	SKF Malaysia Sdn. Bhd .(13872-K)	Participant
24.	Problem-based learning 25 - 3 -2019	University Kuala Lumpur	Participant
25.	Team power 23 and 24 /1/ 2019	Quantum food academy	Participant
26..	The ART of getting published KSL 2019	University Kuala Lumpur (UniKL) (MITEC) Resort Johor Bahru City Centre	Instructor
27.	Simulator welding training (Selangor) 20 - 3 -2019.	. At Lincoln electrical company	Participant
28	Manuscript structure 2017	Faculty of Innovation design and technology, University Sultan Zainal Abidin, university -Kuala Terengganu, Malaysia	Instructor



29	Publishing research article for high Impact journal workshop 18-20- 12- 2017	Faculty of Innovation design and technology, University Sultan Zainal Abidin, university -Kuala Terengganu, Malaysia	Instructor
30	New staff Onboarding program 2/2108	University Kuala Lumpur	Participant
31	Fundamental scientific research skills 27- 10- 2018	Scientific forum for Libyan Students In Malaysia	Participant
32	Manuscript preparation using the IMRAD format	Scientific forum for Libyan Students In Malaysia	Instructor
33	Design of experiments (DOE) workshop 16-18 January 2018	University Sultan zainal Abidin, university -Kuala Terengganu, Malaysia	Participant
34	Three-minute Thesis competition (3MT) for faculty level 2017	Deputy dean of postgraduate studies division faculty of engineering university Putra Malaysia	Participant
35	The training program of lecturer skills for classroom teaching 17-18 -12 2016	APIM international academy SDN BHD	Participant
36	Statistical analysis (SPSS) workshop 2017	Scientific forum For Libyan students In Malaysia	Participant
37	UPM-Sage publication young writer's award 16-3- 2016	Perpustakaan Sultan Abdul samad and Sage Publications	Participant
38	Professional skills certificate. Organized by university Putra Malaysia in collaboration with the University of Otago, New Zealand. 2-6 -11- 2015	School of graduate studies University Putra Malaysia	Participant

39	Write right academic writing seminar/workshop . 13 –15- 12 2015	University Putra Malaysia.	Participant
40	Workshop on high-impact journal writing. RHR hotel, (UNITEN), Bangi 30-31- 10 2013.	Laboratory of technology, bio composite (Bio composite).	Participant

<b>Supervision for Postgraduate students</b>	
[PhD] – Engineering Management. <b>MUSSA MOHAMED MASOUD.</b> University Kuala Lumpur (UniKL) Nationality Libyan. <b>(Main Supervision)- Ongoing</b>	
[PhD] Mechanical Engineering – WLIID A M ABOTBINA. (University Putra Malaysia UPM) Nationality Libyan. <b>(CO-Supervision). Ongoing</b>	
[PhD] Engineering Management <b>ABDULWAHAB MOFTAH ELMAHDI ELMARGHANI.</b> University Kuala Lumpur (UniKL) Nationality Libyan. O(Main Supervision). <b>Ongoing</b>	
[PhD] – Engineering Management. <b>ABDUSSALAM ALI ABDUSSALAM ELSAID.</b> University Kuala Lumpur (UniKL) Nationality Libyan <b>(Main Supervision) Ongoing</b>	
[PhD] – Mechanical Engineering . <b>ABDALLA SULIMAN SASI.</b> University Kuala Lumpur (UniKL) Nationality Libyan <b>(Co- Supervision) Ongoing</b>	
[MSc] Mechanical Engineering WAN NUR SHAHIRA BINTI WAN GHAZALI University Kuala Lumpur (UniKL) Nationality Malaysian. <b>(Co-Supervisor). Ongoing</b>	
[PhD] – Engineering Management. ABDULMUTALEB ALI R MATOUS. University Kuala Lumpur (UniKL) Nationality Libyan. <b>Ongoing (Main Supervision)</b>	
[PhD] – Mechanical Engineering . ABDALLA SULIMAN SASI. University Kuala Lumpur (UniKL) Nationality Libyan <b>(Co- Supervision) Ongoing</b>	

<b>Conferences And Exhibitions</b>			
<b>NO.</b>	<b>Name and year</b>	<b>Organizer</b>	<b>Role</b>
1.	Libyan International Conference for Applied Science and Engineering September <b>2022</b>	Libyan Society for Research and Scientific Studies And UniKL	Committee Member
2.	Composite Sciences and Technology International Conference 2022 (COMSAT2022) 22 – 23 August <b>2022</b>	UTM Johor, Malaysia	Participant With oral presentation
3.	International Geoeengineering (GEOFIESTA 2022) Confernce 2022 20-21/7/ <b>2022</b>	GEOTROPIK UTM and UKM	Committee Member
4.	Asia International Innovation Exhibition 2021 (AIINEX 2021) 15-17/10/ <b>2021</b>	Universiti Kuala Lumpur - Malaysian Institute of Industrial Technology	Jury Member
5.	Special Issue on International Maghreb Conference: Sustainable Development	Malaysian Journal of Industrial Technology, Volume 5, No. 1, <b>2021</b> eISSN: 2637-1081	Member of publishing team
6.	The third International Conference on Higher Education Outcomes and their Relationship to Employment Policies- <b>2021</b>	University of Bouira, Algeria	Scientific Committee Member
7.	The first Mediterranean conference marked with a The role of the private sector in achieving the goals of sustainable development Tunisia-September - <b>2021</b>	National Planning Council In Libya Cooperation with the University of Kuala Lumpur, the Malaysian Institute of Industrial Technology (UniKL)	Chairman of the scientific committee
8.	International Conference on Material Processing & Technology ICMProTech 2021 14-15 /7/ <b>2021</b>	Green Technology (CEGeoGTech) In collaboration with the Faculty of Mechanical Engineering Technology, Universiti Malaysia Perlis	Participant With oral presentation

9.	The First International Maghreb Conference on Developments in Sustainable Development 'Reality and Hope 12-16-2021	Organized by the University of Kuala Lumpur, the Malaysian Institute of Industrial Technology (UniKL) With Libyan Government in National Oil Cooperation In Libya	Committee Member
10.	The 6 <sup>TH</sup> Asia International 18 – 20 /12/ 2020	UTM Technovation Park, Skudai, 81300, Johor Bahru, Johor, MALAYSIA	Participant
11.	The first International Conference (Virtual) digital transformation in the age of knowledge (Reality, challenges, implications) : 2020	University of Nizwa-Libya	Committee member
12.	2 <sup>ND</sup> International research conference and innovation exhibition 2019	Organized by the University of Kuala Lumpur, the Malaysian Institute of Industrial Technology (UniKL MITEC) in cooperation with the Malaysian Institute of Kuala Lumpur Marine Engineering Technology (UniKL MIMET)	Committee member in engineering & technology ( publication section)
13.	Malaysia Polymer International Conference (MPIC2019) 30th October-1st November 2019 UKM	Faculty of science and technology, University Kebangsaan Malaysia (Polymer research center (PORCE)	Oral Presenter
14.	5Th International congress on technology – engineering & science 1-2/2/2018	Asia pacific university of Technology & Innovation (APU), DOMIR & EPTA	Chairman member& Oral presenter
15.	International Conference on Postgraduate Education (ICPE-7 2016 1/12/2016	UiTM Shah, Selangor, Malaysia	Oral Presenter

16.	Postgraduate Symposium on bio-composite technology 2015. Towards a green and sustainable future. 3/3/2015	Faculty of engineering. UPM	Oral Presenter
17.	6 <sup>th</sup> International Conference on Mechanical, industrial, and manufacturing technologies (MIMT 2015), Melaka, Malaysia, 6-7 /3/ 2015.	The international association of computer science and Information technology (IACSIT).	Oral Presenter
18.	The launch of the knowledge transfers of knowledge for the development of engineering products-based on palm tree (Sugar Palm) November 22, 2015. Kuala Jempol, Bahau, Negeri Sembilan	Faculty of engineering. UPM	Participant
19.	Postgraduate Symposium on composites science and Technology 2014 and 4th postgraduate seminar on natural fibre composites 2014, UPM Serdang.	Faculty of engineering. UPM	Symposium committee & Oral Presenter
20.	International conference on advances in mechanical and manufacturing engineering (ICAM2E). 26-28 /11/ 2013, Hotel Istana, Kuala Lumpur.	University Putra Malaysia UPM	Oral Presenter
21.	The 2 <sup>nd</sup> UPM – Unikl Symposium on polymeric materials Unikl city campus Kuala Lumpur, 28 /2/ 2013.	Unikl city campus Kuala Lumpur	Participant

International Reviewer		
1	Journal of The Institution of Engineers (India): Series C	Review Member
2	Journal of The Institution of Engineers (India): Series D	Review Member
3	Journal of the Brazilian Society of Mechanical Sciences and Engineering	Review Member
4	Journal of Thin-Walled Structures	Review Member

Cooperation And Networking			
	Name and installations	Type of Cooperation	Outcome
1	Al-Mustansiriya University-IRAQ DR. SUHAD DAWOOD SALMAN_ PhD. of Engineering <b>2019 Up-to-Date</b>	Group Research	Publish papers
2	Faculty of Engineering, University of Zawia- Zawia-Libya , Dr. Alhadi Amar Abosbaia <b>2020 Up-to-Date</b>	Group Research	Publish papers
3	Faculty of Engineering, University of Zawia- Zawia-Libya Professor, Aeronautical Engineering - University of UTHM –Malaysia <b>2021 Up-to-Date</b>	Group Research	Publish papers
4	Department of Mechanical and Manufacturing Engineering, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia <b>2013 Up-to-Date</b>	Group Research And committee supervision	<ul style="list-style-type: none"> <li>• Publish papers</li> <li>• Student supervision</li> </ul>
5	Higher Institute for Science and Technology, Qasr Bin Ghashir Department of Mechanical Technologies /Tripoli/Libya. 2Higher Institute for Science and Technology, Qasr Bin Ghashir Department of Mechanical Technologies /Tripoli/Libya. Mr. Abdurahman.B.Harari, Mr. Khayri M. M. Mousay <b>2021 Up-to-Date</b>	Group Research	Publish papers

## **Publications**

1. N Awang, AM Nasir, SJ Fatihhi, A Johari, S Shaharuddin, AH Bakri, **MF M Alkbir**, MAM Yajid, J Jaafa Electrospinning Setup Design and Modification for Fabrication of Photocatalytic Electrospun Nanofibrous Membranes for Water Treatment. **2023** (Scopus). Journal Green Chemistry for Sustainable Water Purification. Pages .243-270. Publisher John Wiley & Sons, Inc.  
<https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119852322.ch11>
2. Ab Aziz Mohd Yusof & Fatihhi Szali Januddi Muhammad Awwab Solahudin, **Munir Faraj Alkbir**, Adnan Bakri, Mohammad Shahrul Effendy Kosnan, Mohd Anuar Ismail Effect of Welding Parameters on Bead Dimension Using MIG Welding of EN 10025 Carbon Steel. Advanced Transdisciplinary Engineering and Technology **2022** (Scopus). **(Chapter in Book)**,  
[https://link.springer.com/chapter/10.1007/978-3-031-01488-8\\_10](https://link.springer.com/chapter/10.1007/978-3-031-01488-8_10)
3. Ahmad Nur Aizat Ahmad & Izatul Husna Zakaria Adnan Bakri, **Munir Faraj Almbrouk Alkbir**, Nuha Awang, Mohd Zul Waqar Mohd Tohid, Fatihhi Januddi, Mohd Anuar Ismail. A Review on Critical Success Factors for Maintenance Management of Laboratory and Workshop Facilities in TVET Institution. Advanced Transdisciplinary Engineering and Technology **2022** (Scopus) **(Chapter in Book)**. [https://link.springer.com/chapter/10.1007/978-3-031-01488-8\\_1](https://link.springer.com/chapter/10.1007/978-3-031-01488-8_1).
4. Walid Abotbina, S.M. Sapuan, **M.F.M Alkbir**, M.T.H. & R.A. Ilyas Sultan Extraction, Characterization, and Comparison of Properties of Cassava Bagasse and Black Seed Fibers. Walid Abotbina, S.M. Sapuan, M.T.H. Sultan, M.F.M Alkbir & R.A. Ilyas (**2022**), Journal of Natural Fibers (Q1) (Scopus) 2022, DOI:10.1080/15440478.2022.2068103.**(Journal)**  
<https://www.tandfonline.com/doi/abs/10.1080/15440478.2022.2068103>.
5. Abdulhafid MA Elfaghi, Alhadi A Abosbaia, **Munir FA Alkbir**, Abdoulhdi AB Omran. CFD Simulation of Forced Convection Heat Transfer Enhancement in Pipe Using Al<sub>2</sub>O<sub>3</sub>/Water Nanofluid. Journal of Advanced Research in Numerical Heat Transfer. Google scholar Indexed **2022 (Conference)**  
<https://akademiabaru.com/submit/index.php/arnht/article/view/4501>.
6. **Munir Faraj Almbrouk Alkbir**, Mohamad Asraf Bin Ariffin, Adnan Bakri, Fatihhi Januddi, Mod Zul-Waqar Mohd Tohid, Alhadi Amar Abosbaia, Mussa Mohamed

Bahour. Comparative Study on the Energy Absorption Capability of Natural Kenaf/Epoxy Reinforced Composite Tubes with Different Lengths. *Advanced Transdisciplinary Engineering and Technology* **2022** (Scopus) **(Chapter in Book)**. [https://link.springer.com/chapter/10.1007/978-3-031-01488-8\\_24](https://link.springer.com/chapter/10.1007/978-3-031-01488-8_24).



7. Mohd Nur Lukman Mansor, **Munir Faraj Mabrouk Alkbir**, Adnan Bakri, Mohd Anuar Ismail, Mohammad Shahrul Effendy Kosnan, Ab Aziz Mohd Yusof, Fatihhi Development of a Fire Retardant Door Made of Earth Materials. Advanced Transdisciplinary Engineering and Technology **2022** (Scopus) **(Chapter in Book)**. [https://link.springer.com/chapter/10.1007/978-3-031-01488-8\\_11](https://link.springer.com/chapter/10.1007/978-3-031-01488-8_11).
8. AR Ngah, Suhad D Salman, Z Lemam, SM Sapuan, **MFM Alkbir**, Fatihhi Januddi .Effects of drilling parameters on delamination of kenaf-glass fiber reinforced unsaturated polyester composites. Journal of Industrial Textiles – 30-12-**2021** ISI Q2..**(Journal)**. <https://journals.sagepub.com/doi/abs/10.1177/15280837211062053>
9. Walid Abotbina, SM Sapuan, MTH Sultan, **MFM Alkbir**, RA Ilyas. Development and Characterization of Cornstarch-Based Bioplastics Packaging Film Using a Combination of Different Plasticizers. (Q1) Journal of polymer science MDPI **(Journal) 2021**. . <https://www.mdpi.com/2073-4360/13/20/3487>
10. **M.F.M. Alkbir**, Fatihhi Januddi, Mohamad Asraf Bin Ariffin, MSE Kosnan, Adnan Bakri, SB Mohamed. Crashworthiness of circular tube of kenaf fiber composite for automotive applications Biocomposite and Synthetic Composites for Automotive Application Woodhead Publishing (Scopus) **(Chapter in Book) ( 2021)**. <https://www.sciencedirect.com/science/article/pii/B9780128205594000080>
11. Mussa M Bahour, **M.F.M. Alkbir**, Fatihhi Januddi, Adnan Bakri. Barriers and current challenges facing the renewable energy implementation in Libya: a review. Polityka Energetyczna – Energy Policy Journal. **2021** (Scopus) **(Journal)**. <https://journals.pan.pl/dlibra/show-content?id=121128>
12. Walid Abotbina, S.M. Sapuan, S. Sulaiman, M.T.H.Sultan, R.A. Ilyas, and **M. F. M. Alkbir** Incorporating Black Seed Fiber in Biocomposite Packaging material A review. The 5th Wood and Biofibre International Conference **2021** (WOBIC 2021). 2021/11/24. **(Conference)**
13. **MFM Alkbir**, Adnan Bakri, Fatihhi Januddi, Adam Syafiq Bin Safian, Mussa M Bahour . Fault Detection and Diagnostic For Air Conditioning System. International **Conference** on Material Processing & Technology ICMProTech - July **2021 (Scopus)**.

14. Bakri, Adnan, **M. F.M. Alkbir**, Nuha Awang, Fatihhi Januddi, M. A. Ismail, Ahmad Nur Aizat Ahmad, and Izatul Husna Zakaria.. “Addressing the Issues of Maintenance Management in Smes: Towards Sustainable and Lean Maintenance Approach.” *Emerging Science Journal* 5 (3): 367–79. <https://doi.org/10.28991/esj-2021-01283>. 2021/6/3 (Q1). **(Journal)**.   
<https://www.researchgate.net/publication/352371874> Addressing the Issues of Maintenance Management in SMEs Towards Sustainable and Lean Maintenance Approach .
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## **Reference 1**

Name Mohd Sapuan Salit  
Position Prof Ir Dr Department of Mechanical and Manufacturing  
Engineering  
Institution University Putra Malaysia, 43400 UPM, Serdang Malaysia  
Address Faculty of engineering Universiti Putra Malaysia 43400 UPM Serdang  
Selangor Darul Ehsan 0389466262  
0386567099  
Contact E-mail : [sapuan@eng.upm.edu](mailto:sapuan@eng.upm.edu) Tel : 03 89466318  
Fax : 03 86567122.

## **Reference 2**

Name Prof. Ts. Dr. Saiful Bahri Bin Mohamed Professor  
Position Faculty of Innovative Design & Technology  
Institution Faculty of Innovative Design & Technology, Universiti Sultan Zainal  
Abidin  
Address Kampus Gong Badak,  
Universiti Sultan Zainal Abidin, Terengganu Darul Iman.  
Contact E-mail : [saifulbahri@unisza.edu.my](mailto:saifulbahri@unisza.edu.my) Phone 00601995108





