Ministry of higher education
and scientific research
University of Anbar
College of Education/Al-Qaim

CV

Name: SAMER FAKHRI ABDULQADIR

Date of Birth: 26/12/1970

Religion: MUSLIM

Martial statues: MARRIED

No. of children: 5

Specialization: MECHANICAL ENGINEERING

Position: TEACHER

Scientific Degree: PhD

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- **First, Scientific Certification:**

Degree science	University	College	Date
B.Sc.	ANBAR	ENGINEERING	1993
M.Sc.	ANBAR	ENGINEERING	2005
Ph.D.	MALAYSIA	ENGINEERING	2013
Any other			

Second, Career:

No.	Career	Workplace	From -To
1	COLLEGE OF ENGINEERING	ANBAR-UNIVERSITY	2005-2007
2	COLLEGE OF EDUCATION / QAIM	ANBAR-UNIVERSITY	2007-Till now
3			

Third, University Teaching.

No.	University	The (Institute / College)	From -To
1	ANBAR	COLLEGE OF ENGINEERING	2005-2007
2	ANBAR	COLLEGE OF EDUCATION / QAIM	2007-Till now
3			

Fourth, Courses Which You Teach:

No.	Department	Subject	Year
1	Mechanical engineering	Strength of material	2005-2007
2	College of Education	Computer education	2007-2015
3	College of Education	English	2018-till now
4			

Fifth, Thesis which was supervised by:

No.	Thesis Title	Department	Year
1	**Design of frontal longitudinal member for crashworthiness application**	**Mechanical Engineering Malaysia**	**2014**
2	**Design of energy absorber for crashworthiness application**	**Mechanical Engineering Malaysia**	**2015**
3			

Sixth, Conferences which you participated:

No.	Conferences Title	Year	Place	Type of Participation
1	The 3rd National Graduate Conference (NatGrad2015), Universiti Tenaga Nasional,	2015	Malaysia	published two papers
2	International conference on Applications in Computational Engineering and Sciences (IConACES)	2020	Malaysia	One paper

Seventh, Scientific Activities:

Within the College	Outside the College
	Post-doctorate at the University of Warwick (UK) 2016-2018

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Eighth, Research Projects in The Felid of Specialization to The Environment and Society or the Development of Education:

No.	Research Title	Place of Publication	Year
1	Design of thin wall structures for energy absorption applications: Enhancement of crashworthiness due to axial and oblique impact forces	Thin-Walled Structures	2013
2	Effect of Vehicle Bumper Shape Design on the Severity of Pedestrian Leg Injury at Collision	International Journal of Engineering Research & Technology	2013
3	Improvement of energy absorption of thin-walled hexagonal tube made of magnesium alloy by using Trigger mechanisms	International journal of research in engineering and technology	2013
4	Enhancement of energy absorption of thin-walled hexagonal tube by using trigger mechanisms	International journal of research in engineering and technology	2013
5	Design of thin wall structures for energy absorption applications: design for crash injuries mitigation using magnesium alloy	International journal of research in engineering and technology	2013
6	Dynamic simulation of aluminum rectangular tubes Under direct and oblique impact load: application to Vehicle crashworthiness design	International Journal of Research in Engineering and Technology	2014
7	A Numerical Comparison between Aluminium Alloy and Mild Steel in Order to Enhance the Energy Absorption Capacity of the Thin-Walled Tubes	International Journal of Advanced Engineering and Nano Technology	2014
8	Design of Longitudinal Members to Vehicle: Enhances the Energy Absorption of Thin-Walled Structure Under Dynamic Load	International Journal of Engineering and Advanced Technology	2014
9	Enhancement of Energy Absorption for Crashworthiness Application: Octagonal-Shape Longitudinal Members	International Journal of Advanced Engineering and Nano Technology (IJAENT)	2015

10	Design of Octagonal Energy Absorbing Members Subjected to Dynamic Loa d: Enhancement of Crashworthiness	International Journal of Engineering and Advanced Technology	2014
11	The effects of Trigger Mechanism on the Energy Absorption of Thin-Walled Rectangular Steel Tubes	The 3rd National Graduate Conference (NatGrad2015), Universiti Tenaga Nasional	2015
12	Numerical Simulation for Enhanced Energy Absorption of Thin-Walled Rectangular Tube with Trigger Mechanism	The 3rd National Graduate Conference (NatGrad2015), Universiti Tenaga Nasional	2015
13	Design a new energy absorber longitudinal member and compare with S-shaped design to enhance the energy absorption capacity	Alexandria Engineering Journal	2018
14	Design of frontal longitudinal for enhancement in crashworthiness performance	*The 3rd International Conference on Materials Engineering and Science*	2020
15	Simulation of Thin-Walled double hexagonal Aluminium 5754 Alloy Foam-Filled Section subjected to direct and oblique loading	Materials today: proceedings	2021
16	Effect of the web, face sides and arc's dimensions on the open top-hat structure performance subjected to a flexural static loading.	Materials today: proceedings	2021
17	Crashworthiness enhancement of thin-walled hexagonal tube under flexural loads by using different stiffener geometries	Materials today: proceedings	2021
18	An Experimental Validation of Numerical Model for Top-Hat Tubular Structure Subjected to Axial Crush	Applied Sciences	2021

Ninth, Membership:

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Tenth, Awards and Certificates of Appreciation:

No.	Name of Awards and Certificates	Donor	Year
1	Letter of appreciation	Chancellor	2007
2	Letter of appreciation	Chancellor	2014
3	Letter of appreciation	Chancellor	2018
4	Letter of appreciation	Chancellor	2020
5	Letter of appreciation	Chancellor	2020
6	Letter of appreciation	Minister of Higher Education	2020
	Letter of appreciation	Chancellor	2021
	Letter of appreciation	Chancellor	2021
	Letter of appreciation	Minister of Higher Education	2021

Eleventh, Scientific literature:

No.	Scientific Literature Title	Year of The Publication
	Design a new energy absorber longitudinal member and compare with S-shaped design to enhance the energy absorption capability	2018

1	**Design of thin wall structures for energy absorption applications: Enhancement of crashworthiness due to axial and oblique**	2013
2	**Design of thin wall structures for energy absorption applications: design for crash injuries mitigation using magnesium alloy**	2013
3	**Enhancement of energy absorption of thin-walled hexagonal tube by using trigger mechanisms**	2013
4	**Improvement of energy absorption of thin-walled hexagonal tube made of magnesium alloy by using Trigger mechanisms**	2013
5	**Effect of Vehicle Bumper Shape Design on the Severity of Pedestrian Leg Injury at Collision**	2013
6	**Dynamic simulation of aluminum rectangular tubes Under direct and oblique impact load: application to Vehicle crashworthiness design**	2014
7	**A Numerical Comparison between Aluminium Alloy and Mild Steel in Order to Enhance the Energy Absorption Capacity of the Thin-Walled Tubes**	2014
8	**Design of Longitudinal Members to Vehicle: Enhances the Energy Absorption of Thin-Walled Structure Under Dynamic Load**	**2014**

9	**Dynamic simulation of aluminum rectangular tubes under direct and oblique impact load: application to vehicle crashworthiness design**	**2014**
10	**Design of Octagonal Energy Absorbing Members Subjected to Dynamic Load: Enhancement of Crashworthiness**	**2014**

- **Twelfth, <u>languages:</u>**

  - ✓ Arabic
  - ✓ English
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