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| |  |  | | --- | --- | | A.L. Zainab Shakir Radeef **Research Assistance at University of Malaya** |  | |  |  | |
| **Personal Details** |
| **Name** :        Zainab Shakir Radeef |
| **E-mail  :** zina\_engi@yahoo.com **or** zina\_engi@siswa.um.edu.my |
| **Nationality :**  Iraq |

**Education and academic qualification**

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| --- | --- | --- | --- | --- | --- |
| **foundation's name** | **Place** | **Date** | **Degree Awarded** | **Grade** | **Qualification** |
| University of Technology | Iraq | 1987- 1988 | BSc in moderan mechanical |  | **Undergraduate** |
| UPM | Malaysia | 2007-2009 | MSc in engineering design | MSc | **Postgraduate** |
| UM | Malaysia | 2013-2016 | PhD. in engineering design and material work | Phd. |

**Administrative duties and other relevant appointment**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Department/ Faculty/ Other** | **Position** |  |
| 1994-2007 | Mechanical department | Executive Engineer | (1) |
| 2007-2009 | Administration | Head of The main Database of University of Kufa | (2) |
| 2010-2011 | Administration | Head of Operation Room | (3) |
| 2011-2012 | Department of materials | Head of Laboratories | (4) |

#### ****AREAS OF EXPERTISE****

* High impact events, Mechanical Design , composite material
* Green Technology (Wind Energy, energy harvesting, Modal analysis, Innovative Design)

***Patent***

[Ballistic Resistant Laminate](https://www.researchgate.net/publication/284403965_BALLISTIC_RESISTANT_LAMINATE?ev=prf_pub), My-155703-A, 13.11.2015, University Putra Malaysia, Myipo, Malaysia

***Conferences Presentation***

|  |  |  |
| --- | --- | --- |
| 1- | 2rd Environment Conference, 25‑ 26 jun 2007, Physics Faculty, University of Kufa, . *"The pollution of air and ray"*. SH. R  Zainab . | |
| 2- | 1st National conference of higher education ,24-25 Des 2008 , University of Kufa*, “The informatics rule for higher education development of our society”* . | |
| 3- | 9th National symposium on polymeric materials 2009 , November 2009,engineering faculty,university of putra*,”development of a green combar armor”.* | |
| 4- | *­* 9th National symposium on polymeric materials 2009, November 2009,engineering faculty,university of putra*,”fracture toughness of kenaf mat reinforced polyester”.* | |
| 5- | 2th Interlocution symposium of computer applications for university and society servicing, may 2009, computers’ center of kufa university | |
| 6-  7-  8- | 4th International Conference on “Engineering & Technology, Computer, Basic & Applied Sciences” ( ECBA- 2016 ) , Kuala Lumpur ,January 1-2, 2016 Kuala Lumpur, Malaysia  The 8th Conference of Asian Consortium on Computational Materials Science (ACCMS-8) National Taiwan University of Science and Technology (NTUST), Taipei, Taiwan June 16-18, 2015  Kuala Lumpur 4th International Conference on “Engineering & Technology, Computer, Basic & Applied Sciences” ( ECBA- 2016 ) January 1-2, 2016 Kuala Lumpur, Malaysia | |
| ***PUBLICATIONS***  Zainab Shakir Radeef,2rd Environment Conference, 25‑ 26 jun 2007, Physics Faculty, University of Kufa, . *"The pollution of air and ray"*. | |
| 1st National conference of higher education, 24 Des 2008,, “*The informatics rule for higher education development of our society” . ,* | |
| Zainab Shakir Radif, A. Aidy, and Khalina Abdan*, Development of a Green Combat Armor from Rame- Kevelar-Plyester Composite*.  Journal of science and technology , vol.19(2) Aug.2011. | |
| [Development of Anti-Ballistic Board from Ramie Fiber](http://www.tandfonline.com/doi/abs/10.1080/03602559.2010.551381) Aidy Ali , Z. R. Shaker , A. Khalina , S. M. Sapuan , [Polymer-Plastics Technology and Engineering](http://www.tandfonline.com/toc/lpte20/50/6), Vol. 50, Iss. 6, 2011  Zainab Shaker Radif, Aidy Ali. Fracture toughness of Kenaf mat reinforced polyester composite. Pertanika Journal of Science and Technology. Volume 19 (1) 167-177, Jan 2011.  Zainab Shakir Radeef ,ali sabaa hamood, composite materials-chapter of book, Intech ,(2012). Accepted (full chapter submission).  Zainab Shakir Radeef, Study of the automation system of university of Kufa and its obstructions journal of administration of Anbar . | |