**السيرة الذاتية curriculum vitae**

|  |  |
| --- | --- |
| **البيانات الشخصية** | |
| قحطان عدنان عبد    الصورة | **الإسم الكامل** |
| 10/9/1977 | **تاريخ الميلاد** |
| جامعة الفرات الاوسط التقنية/ الكلية التقنية الهندسية- النجف | **العنوان /مكان العمل** |
| +9647811607580 | **الهاتف المحمول** |
| [qahtan.abed@etcn.edu.iq](mailto:qahtan.abed@etcn.edu.iq) & [q.alftlawe@gmail.com](mailto:q.alftlawe@gmail.com) | **البريد الإلكتروني** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **المؤهلات العلمية** | | | | |
| **المؤهل** | **اسم الجامعة** | **المجال- التخصص** | **المكان/البلد** | **سنة التخرج** |
| بكلوريوس | الجامعة التكنولوجية- بغداد | هندسة ميكانيك عام | بغداد العراق | 2000 |
| ماجستير | الجامعة التكنولوجية- بغداد | هندسة ميكانيك حراريات/طاقة شمسية | بغداد العراق | 2007 |
| دكتوراه | الجامعة التكنولوجية- بوخارست | هندسة ميكانيك حراريات/طاقة شمسية | بوخارست رومانيا | 2016 |

|  |  |  |
| --- | --- | --- |
| **الخبرة العلمية** | | |
| **الوظائف والمناصب التي عمل بها** | **( من تاريخ – إلى تاريخ )** | **استعراض المهام الرئيسية للوظيفة أو المنصب** |
| مدير شعبة ضمان الجودة والاداء الجامعي | 1/9/2009- 13/1/2013 |  |
| رئيس قسم الليزر والكهروبصرات | 16/9/2017- 16/9/2018 |  |
| مدير قسم الدراسات والتخطيط | 2018/9/17 |  |

|  |
| --- |
| **مجالات الاهتمامات البحثية** |
| انتقال حرارة، هندسة ديناميك الحرارة، جريان الموائع، طاقة شمسية وطاقة متجددة |

|  |  |  |
| --- | --- | --- |
| **الاشراف على طلبة الدراسات العليا** | | |
| **عنوان الاطروحة** | **للفترة من-الى** | **اسم الطالب والعنوان** |
| ***Experimental and Numerical Study of Solar Air Collector Absorber Integrated with Phase Change Material PCM*** | 2016-2019 | علي محمد حيدر |
|  | 2018- 2019 | محمد رضا |
|  | 2018- 2019 | جميل توفيق |

|  |  |  |  |
| --- | --- | --- | --- |
| **النشاطات العلمية والمؤلفات والبحوث المنشورة (كتاب –مجلة- مؤتمر)** | | | |
| **No.** | **عنوان البحث** | **جهة النشر** | **تاريخ النشر** |
|  | ***Review of solar thermal storage techniques.*** | ARPN Journal of Engineering and Applied Sciences. ISSN 1819- 6608, vol 12, No.21. | 2017. |
|  | ***Performance of a hybrid solar collector system in days with stable and less stable radiative regime***. | International Journal of Sustainable Engineering, DOI: 10.1080/19397038.2017.1333542 (2017) 1-14. | 2017 |
|  | ***The stability of the radiative regime does influence the daily performance of solar air heaters*** | Renewable Energy 107 (2017) 403-416. | 2017 |
|  | ***Dynamic thermal performance analysis of two solar air collectors with and without porous media.*** | Renew. Energy Environ. Sustain. 1, No 24, (2016). | 2016 |
|  | ***Models for New Corrugated and Porous Solar Air Collectors under Transient Operation.*** | *J. Non-Equilib. Thermodyn. 42(1), pp. 79-97. Retrieved 1 Jul. 2017, from doi:10.1515/jnet-2016-0013.* | 2017 |
|  | ***Hybrid solar collector for water and air heating: effects of storage tank volume and air channel shape on efficiency****.* | U.P.B. Sci. Bull., Series D, Vol. 77, Iss. 3, 2015; pp. 29- 40. | 2015 |
|  | ***Experimental study of a solar concatenated parabolic dish system generating fresh water***. | Al-Taqani, Refereed scientific Journal. Foundation of technical education. Vol. 25; 2012, No.3. pp.7 -26. | 2012 |
|  | ***Numerical analysis of vapor flow in a horizontal cylindrical heat pipe.*** | Al-Qadisiya Journal for engineering sciences, Vol. 4; 2011, No.3, pp. 233 | 2011 |
|  | ***Thermal analysis of light weight wall made from sandwich panels in the aspect of thermal insulation design for sustainable built environment regime***. | 6th International conference on Thermal Equipment, Renewable Energy and Rural Development. Organizers: University Politehnica of Bucharest, TE-RE-RD 2017. | 2016 |
|  | ***Performance study of solar air heater with corrugated absorber.*** | F.T.E Scientific International Conference, Najaf Technical Collage 12-14/4/2010. | 2010 |
|  | ***The performance of hybrid solar collector for water and air heating***. | EPI-60, International conference on Equipment Process Industrial, 16 Mai2014; pp.259- 264, Bucharest- Romania. | 2014 |
|  | ***Performance analysis of a hybrid water and air solar collector with rectangular fins****.* | 3rd International conference on Thermal Equipment, Renewable Energy and Rural Development. TE-RE-RD 12-14 June 2014; pp. 137-140, Mamaia- Romania | 2014 |
|  | ***Evaluation of various hybrid solar collector configurations for water and air heating****.* | 4th International conference on Sustainable Energy in the built environment- steps towards nZEB. Editor: Ion Visa, 6- 8 November 2014; pp. 325-334, Brasov- Romania. | 2014 |
|  | ***An experimental comparison between corrugated and porous plates of solar air heaters at various flow rates****.* | 4th International conference on Thermal Equipment, Renewable Energy and Rural Development. Organizers: University Politehnica of Bucharest. Faculty of Mechanical Engineering and Mechatronics – Faculty of Biotechnical Systems Engineering. | 2015 |
|  | ***Theoretical study the effect of insulation of water basin on the productivity of tubular solar still.*** | 5th International conference on Thermal Equipment, Renewable Energy and Rural Development. Organizers: University Politehnica of Bucharest (2016). | 2016 |
|  | ***Dynamic thermal performance analysis of two solar air collectors with and without porous media***. | 14th International conference on World Renewable Energy Congress 14- WREC XIV, 8 - 12 June 2015; Bucharest- Romania. Journal of Physics: Conference Series, IOP Publishing, Dirac House, Temple Back, Bristol BS1 6BE, UK | 2015 |
|  | ***Some Solar Energy Technologies and Applications***. | Chapter in: Energy science and technology, Volume 5: Solar Engineering-I (Applications). Studium Press LLC, USA (2015) ISBN: 978-1-626990-61-6. | 2015 |