**curriculum vitae**

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| **The personal data** | |
| Full name | **Hassanain ghani hameed Hassan Al-hussaini** |
| Date of birth | **25/5/1977** |
| Title / workplace | **Najaf/Engineering Technical College** |
| Mobile phone | **009647801315063** |
| Email | [Coj.hus@atu.edu.iq](mailto:Coj.hus@atu.edu.iq) |

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| **Academic Qualifications** | | | | |
| **Qualification** | **University Name** | **Field- Specialization** | **Location / Country** | **Graduation Year** |
| BSc | Kufa | Mechanics | Iraq | 2000 |
| MS | Kufa | Thermo Mechanics | Iraq | 2004 |
| Ph.D | Basra | Thermo Mechanics | Iraq | 2015 |

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| **Scientific expertise** | | |
| **Jobs and positions that work out** | **From**  **the date - to date** | **Review of the main tasks of the job or position** |
| External lecturer, Department of Mechanical Engineering at Kufa University | 2004-2005 |  |
| lecturer, Department of Automobile Engineering- Technical College- Najaf | 2005-2019 |  |
| Rapporteur, Department of Automobile Engineering- Technical College- Najaf | 2007-2008 |  |
| Administrator of Dormitories , Engineering- Technical College- Najaf | 2005-2007  2008-2010 |  |
| Director of Dormitories, Al-Furat Al-Awsat technical university | 2015-up to now |  |

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| **Research Interest Areas** | |
| **Fluids, heat transfer, thermodynamic, nanofluids and renewable energy** |  |

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| **Supervision of M. Sc. Students** | | |
| **Title of M.Sc Thesis** | **From**  **the date - to date** | **Name of student and the position of the work** |
| Numerical and Experimental Study for Enhancement of a single-slope solar still productivity for different water depths using PCM-nanoparticles | 2018-2020 | Muntadar M. Ali/Najaf-engineering technical college |

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| --- | --- | --- | --- |
| **Scientific Activities and literature and published research (Book - Journal - Conference)** | | | |
| **No.** | **Research Title** | **Publisher** | **Date of Publishing** |
| 1- | An Experimental Study On An Asymmetric Solar Water Distillation System | 1st scientific Conference/Najaf Technical college | 2008 |
| 2- | Experimental Study for Productivity Enhancement of a Parabolic Solar Concentrator System | Al-Qadisiya Journal for Engineering Sciences | 2010 |
| 3- | Enhancement of a Single – Slope Solar Still Productivity For a Different Water Depths | Babylon Journal for Engineering Sciences | 2011 |
| 4- | Numerical Investigation of the Effect of Wire Screen Mesh Specification and Evaporator Length on Thermal Performance of Cylindrical Heat Pipe | Al-Basra Journal for Engineering Sciences | 2014 |
| 5- | Numerical Simulation of Thermal Performance of Constant Conductance Cylindrical Heat Pipe Using Nanofluid | Al-Qadisiya Journal for Engineering Sciences | 2014 |
| 6- | Experimental Investigation of Thermal Performance of Variable Conductance Cylindrical Heat Pipe Using Nanofluid | International Journal of Engineering and Sciences | 2014 |
| 7- | Numerical Simulation of Thermal Performance of Variable Conductance Cylindrical Heat Pipe Using Nanofluid | Kerbala Conference for Engineering Sciences | 2014 |
| 8- | Power Production Evaluation from Residual Industrial Heat | International Journal of Innovative Research in Science, Engineering and Technology | 2016 |
| 9- | Investigation the effect of calcinations degree and rotary kiln gases Bypass opining in the preheating system for dry cement industries | International Journal of Latest Trends in Engineering and Technology | 2018 |
| 10- | Experimental Investigation of the Enhancement Parameters on the Performance of Single-Slope Solar Still | International Journal of Latest Trends in Engineering and Technology | 2018 |
| 11- | Numerical Investigation of Free Convection Heat Transfer with non-Newtonian Fluid in Different Enclosures Geometries | International Journal of Scientific & Engineering Research | 2018 |
| 12- | Study of Forced Convection Heat Transfer with non-Newtonian Fluid in circular tube | International Journal of Scientific & Engineering Research | 2018 |