

**Full name:** Dr. Hayder Kraidi Rashid **Nasrawi**

**University:** Babylon University/College of Material's Engineering/ Department of Engineering of Ceramic and Building Materials Faculty.

**B.Sc**.: Babylon University College of engineering Mechanical department in 1997.

**M.Sc.:** Baghdad University College of engineering mechanical department in 2001 with thesis title:

"**Parametric Study of A Supersonic Axial Flow Gas Turbine Stage**"

 Ph.D.: University of Technology/Iraq with thesis title:

"**Study of Flow Induced Noise In Rectangular Duct With An Obstruction"**

**Published researches: Some with team and other alone.**

**1] Numerical and Experimental Investigation of Co-Shedding Vortex Generated by Two Adjacent Circular Cylinders and Its Effect on Air Flow Behaivor around Naca 2412 Airfoil.** Industrial Engineering Letters [www.iiste.org](http://www.iiste.org/), ISSN 2224-6096 (Paper) ISSN 2225-0581 (online), Vol.3, No.6, 2013**.**

**2] The Effect of the Lithium Fluoride Additive on the A.C. Electrical Properties for (PVA-Life) Composites.** The international conference « Structuration, durability and destruction of composite building materials and constructions» October, 27-28 th, 2011 in Odessa (Ukraine).

**3]** **Electrical Properties of (PVA- CuCl2.2H2O) Composites,** the Fourth International Conference on Computer and Electrical Engineering (ICCEE 2011) October 14 -15, 2011, Singapore**.**

**4] Heat Transfer Analysis of Convection and Radiation in a Triangular Fins Heat Exchanger'** journal of University of Babylon, NO. 2, Vol. 18, 2010, Iraq.

**5] Noise and Induced Vibration in Rectangular Duct,** Journal of Babylon University, Number 1, Vol. 16, 2008, Iraq.

6] **Numerical prediction of primitive variables for Two Dimensional Supersonic Flow over a Wedge.** Journal of Babylon University, Number 5, Vol. 14, 2006, Iraq.

7] **Natural Convection Heat Transfer inside an Inclined Square Enclosure Filled With Al2O3 Nanofluid in Presence of Pair of Discrete Heat Flux Sources in Bottom Wall,** International Journal of Mechanical Engineering (IJME)ISSN(P): 2319-2240; ISSN(E): 2319-2259, Vol. 3, Issue 1, Jan 2014, 35-46

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8. **Modified Circular Cylinder Fin**, Journal of Information Engineering and Applications, ISSN 2224-5782 (print) ISSN 2225-0506 (online), Vol.3, No.13, 2013.

9. **Natural convection in an inclined parallelogram-shaped enclosure containing internal energy source with linearly heated sidewall,** Journal of Information Engineering and Applications, ISSN 2224-5782 (print) ISSN 2225-0506 (online), Vol.5, No.8, 2015.

10. **Investigation of crack propagation and opening hydroxyapatite Using Digital Image Correlation**. J. of Engineering and Applied Sciences 12 (special Issue 6 ) 7935-7943, 2017, ISSN: 1816-949X, C Medwell Journal,2017.

And many researches under work and acceptance.

Also,

* **Manager of planning in Babylon University for nine months starting from 7/6/2011 until 1/3/2012.**
* **Teaching many classes in College of engineering with programs likes Visual Basic , ANSYS , C language, Fortran, Newtonian fluid, non-Newtonian fluids,** Numerical and engineering Analysis, Heat transfer , Ansys software (several versions), **AutoCAD and Mathematics'.**
* **Teaching advanced mathematics (finite element , finite volume and finite difference for postgraduate .**
* **Supervisors for many of thesis and as a member for examination committees for the others.**