

– FACULTY VITAE

Name: Anwar Ahmed Yousif

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1. Education:

- M.Sc., Refrigeration and air conditioning, University of Mosul
- B.Sc., Mechanical Engineering, University Mosul

2. Academic Experience:

- Faculty member – Power Mechanics Techniques Engineering Dept. Northern Technical University

3. Principal Publications and Presentations of Past Five Years:

1- Impact of using triple adiabatic obstacles on natural convection inside porous cavity under non-darcy flow and local thermal non-equilibrium model

2- Effect of suction or blowing on velocity and temperature distribution of flow over a flat plate

3- Natural convection heat transfer from a bank of orthogonal heated plates embedded in a porous medium using LTNE model: A comparison between in-line and staggered arrangements

4- Analysis of effects of Thermal Non-Equilibrium and Non-Darcy Flow on Natural Convection in a Square Porous Enclosure Provided with a Heated L Shape Plate

5- Experimental investigation for vapor compression system performance enhancement through condenser cooling by using shallow fluidized bed

6-Conjugate local thermal non equilibrium and non darcy flow inside porous enclosure: Analysis of localized heating and cooling arrangements

Journal Reviews:

- Enery Report

9. Miscellaneous:

Computer Skills:

- Microsoft Office
- Grapher
- Techplot
- Surfer
- AUTOCAD

Languages:

- Arabic – native language
- English – Excellent in speaking, reading, and writing.

11. Publications:

I. Journals

1. Heat Transfer
2. *Journal of Thermal Analysis and Calorimetry*
3. *International Communications in Heat and Mass Transfer*
4. *International Journal of Thermal Sciences*
5. *Materials Today: Proceedings*
6. *International Journal of Mechanical Sciences*

