









**Dr. Samar Juma'h Jaber** is an associate professor of mechanical engineering at American University of Madaba (AUM), Jordan. Currently, she is a head of the mechanical engineering. She graduated in 2008 with M.Sc. degree in Mechanical Engineering from the University of Jordan (Amman – Jordan). She received her PhD in Mechanical Engineering/Renewable Energy from Technical University of Ilmenau, Germany, in 2012. **Dr. Jaber** worked as an energy engineer at the National Energy Center/ Royal Scientific Society for five years. She joined a team project with the EU-funded SOLATERM project for two years. Currently she is head of mechanical engineering department at AUM.

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**Dr. Ezzat A.** is active in researches concern in following topics: Turbo-machinery, Gas Dynamics, heat transfer, 2-phase flow and heat transfer, aircraft engines, measurement dynamics and safety engineering analysis, flow visualization around bluff bodies, heat transfer during transient conditions, flash evaporation in desalination systems, and Heat transfer enhancement using Nano-fluid. Moreover he supervised 6 M.Sc. students and 2 Ph.D. students and member of negotiation committee of more than 25 High education students. **Dr. Izzat A.** issued 25 papers in different research and scientific magazines, participated in more than 15 scientific conferences during previous and recent work fields, evaluated of more than 40 researches issued in different scientific magazines, and participated in more than 8 professional committees related to different governmental sectors.