

Dr. TALAL M-N ABU MANSOUR

Assoc. Professor, Department of Mechanical Engineering, King Abdulaziz University

Education

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Applied Mechanics Engineering	UMIST, England	1988
MS	Applied Mechanics Engineering	UMIST, England	1981
BS	Mechanical Engineering	KFUPM, Saudi Arabia	1977

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Full or Part Coordinator, etc.)</i>	<i>Time</i>
1977	1978	King Abdulaziz Univ.	Demonstrator		Full Time
1988	1998	Mansoura Univ.	Assist Lect.		Full Time
1998	2008	King Abdulaziz Univ.	Assoc. Prof.		Full Time
2008	2013	Northern Border Univ.	Assoc. Prof.	Dean	Full Time
2014	To Date	King Abdulaziz Univ.	Assoc. Prof.		Part Time

Institutional and Professional Services (*administration, committees, units, etc.*)

a) King AbdulAziz University(KAU)

- Involved in many committees inside the department of Production and Mechanical System Design, and the college,
- Supervision of different laboratories,
- Chairman of Poduction Department for many periods,
- Supervisor of the academic affairs, in the Faculty of Engineering
- Director of higher education, in the Faculty of Engineering
- Chairing the technical session entitled " Industrial Planning" . The sixth Saudi engineering conference
- Coordinator of the engineering drawing diploma for two periods

b) Northern Border University(NBU):

- i. Dean of Faculty of Engineering from 2008 to 2013
- ii. Member of consultant deans committee
- iii. Member of permanent committee for scholarship and training
- iv. Member of the referee of the final draft of an e-Learning and

Distance Learning

- v. Supervisor of administrative development department

Principal Publications/Presentations from the Past Five Years

1. I. M. Masoud, T Abu Maansour , J. A. Al-Jarrah. Effect of Heat Treatment on the Microstructure and Hardening Properties of 6061 Aluminum Alloy. Journal of Applied Sciences Research, 8(10): 5106-5113, 2012. ISSN 119-544X
2. J. A. Al-Jarrah, S Sawallha, T Abu Mansour, I. M, Masoud, M. Al-Rashdan, D. A. I-Qahsi. Optimization of Friction Stir Welding Parameters for Joining Aluminum Alloys Using RSM. Adv. Theor. Appl. Mech., Vol. 6, 2013, No.1, 13-26. HIKARI Ltd, www.m-hikari.com
3. S Sawallha, J Jaber , T Abu Mansour. Prospects of solar power generarion in dry regins: the case of Arar in KSA. International Conference on Renewable Energies and Power Quality (ICREPO'13) Bilbao (Spain), 20 to 22 March2013.
on Renewable Energy and Power Quality Journal (RE&PQJ), ISSN 2172-038 X, No.11, March 2013
4. T Abu Mansour, S Sawallha, N Salem. A Mathematical model for solar assisted automobile A/C based on absorption refrigeration system. International Journal of Mechanical Engineering(IJME), ISSN 2319- 2240, Vol. 2, Issue 4, Sep 2013, 75-86. © IASET
5. S Sawallha, T Abu Mansour, N Salem, M L Shaban. Steering speed

suspension device(TRIPLE " S " DEVICE), to prevent Burnouts-
Tafheet phenomena . International Journal of Mechanical
Engineering(IJME), ISSN 2319- 2240, Vol. 2, Issue 4, Sep 2013, 1-
8. ©IASSET