

CURRICULUM VITA

Name: Noaman E. Bekheet

Rank: Associate Professor



Education

- B Sc., Mechanical Engineering, Helwan University, Cairo, 1978
- M.Sc. Mechanical Design, Helwan University, Cairo, 1983
- Ph.D., Mechanical Engineering, Leeds University, England, 1989

Academic Appointment at UOB

- Total year of service: 11 years
- Assistant professor, 1996
- Associate professor, 2003

Other Related Experience (Teaching, Industrial, etc.)

- Teaching at the university of Helwan, Egypt, 1990-1993
- Teaching at Al-Fateh University, Libya, 1993-1994
- Teaching at Helwan University, Egypt, 1994-1996
- Designing of Compost Factory for the Academic Scientific Research, 1991-1992
- Supervision of 4 M.Sc student at Helwn University, Cairo Egypt.

Membership in Professional and Scientific Societies

- Member, American Society of Mechanical Engineering, ASME.
- Member, Society of Engineers, Bahrain.
- Member, Society of Engineers, Egypt.
- Member of Polymer Science and Technology, Scientific Research Center, Egypt.
- Member of Society of Composite Materials, Cairo University.
- Egyptian Society of Tribology, Cairo University

Honors, Awards & Grants

- Member of group for a grant from Academic Scientific Research, Egypt, (\$ 6,000,000) 1991-1992
- Member of group for a grant from Academic Scientific Research, Sustainable Development Project, (10,000 Egyptian pound) 1992-1993.
- Ministry of Commerce, Bahrain, (BD 400), 2005.
- Consultation for lower at Bahrain Court, (BD 800), 2005-06-03.
- UNESCO Project “Upgrading Teaching of Engineering Drawing “, (25000 \$), 1997-1999.
- A consultation has been given to METALS OF BAHRAIN Co. W.L.L. during 5/11/2001 to 29/12/2001, with permission from the Deanship of Scientific Research.
- Five short courses for engineers at the University of Bahrain (15,000 BD), 2001-2005

Publications (Last 5 Years)

1. N.E. Bekheet “Mechanical properties of polymers at high strain rate” Eng’g Research journal, V. 107, 2006. Faculty of Engineering, Mataria, Helwan University.
2. N. Bekheet et al “The effect of process parameters on the mechanical properties of die drawn polypropylene”, Polymer testing, 24 (2005) 169-180.
3. A.M. El-Butch and N. Bekheet “The effect of process parameters on the tribological behavior of die drawn Polypropylene”, 15th international conference on “Automaotive and industrial lubrication, Jan. 17-19, 2006 in Stuttgart, Germany.
4. Bekheet, N.E., Naga, S.A, Gadelrab,R.M, "The Effect of Environmental Conditions on the Mechanical Behavior of PVC", Engineering Research Journal, Helwan University, Egypt., 2004.
5. Mourad, A., Bekheet, N, Abdulatif, L., and Mohamed D., "Mechanical Behavior of PP" Engineering Research Journal, Helwan University, Egypt., 2003.
6. Bekheet,N.E, Gadelrab, R.M, Salah, M.F. and Abd El-Azim, A.N “The effects of aging on the hardness and

- fatigue behaviour of 2024 Al alloy / SiC composites”, Journal of Materials and Designs, Elsevier, 2002.
7. Bekheet, N.E, Naga, S.A, and Gadelrab, R.G “Effect of the environmental conditions on the tribological behaviour of PVC”, 7th Int. Conf. On Mech. Design and Production, Feb. 15-17, 2000, Cairo, Egypt.
 8. Bekheet, N.E. "Tribological Behavior of Drawn Polypropylene", Wear, 236, 1999.

Institutional and Professional Service in the Last Five years

1. Mechanical Engineering Department, Bahrain University, Departmental Accreditation Committee, Coordinator, Jan 2005 till 2006.
2. Scholar Conference Attendance Committee.
3. Promotion Committee.
4. TAG (Solid Group) Committee.
5. Technical Committee of Purchasing Testing Machine University.
6. College of Engineering, Bahrain University, Coordinator of Time Table Committee, 2002- 2006.
7. College of Engineering, Bahrain University, APPA 2001 and 2005 conference, Technical Committee.
8. Mechanical Engineering Department, Bahrain University, Solid Mechanics Group coordinator 2001 – 2006.
9. Mechanical Engineering Department, Bahrain University, Registration Committee coordinator 2001 – 2006.
10. Mechanical Engineering Department, Bahrain University, Academic Committee, Member, 1997- 2006.
11. Coordination of the solid mechanics group, Mechanical Engineering Department till 2006.

Professional Development Activities in the Last Five Years

- Judgment of practical skills contest, technical schools, ministry of education, Bahrain, 2004-05.
- Design and building two test rigs at mechanical engineering dept; 1- Fatigue Test Rig, 2- Pin on Disk machine for wear and friction testing.
- Developed two electives for the B.Sc. program, in the field of composite materials and failure analysis, 2002.
- M.Sc. project: Finite element modelling of human spine motion and deformation, Mechanical Engineering Department, University of Bahrain, 2002
- Five lectures given to the technical schools, Ministry of Education about Modern materials and their applications 1999-2003.
- Writing 4 articles published in the University News magazine, 2000-2002
- The preparation of the new B.Sc. program offered during the 1st semester 1999/2000.
- Preparation of the new diploma program.
- Preparation and development of Industry Engineering Program.