



Francis Francis

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Biography

Dr. Francis Francis is currently a full time member of the mechanical engineering department in Notre Dame University, Louaize, Lebanon. He was granted his PhD, from the University of New South Wales, Sydney, Australia. His areas of teaching are: Dynamics, Science of Materials, Engineering Graphics, Manufacturing Processes and Product Design, Joining processes: Welding, soldering and Brazing. He is supervising many senior research projects concerned with manufacturing and product design, welding approaches etc. In his research, Dr Francis is investigating Design for Environment aspects and sustainability issues.

Dr. Francis has worked as a Manufacturing Management Specialist at the Advanced Manufacturing Center at the Australian Technology Park, Sydney, Australia. Also, Dr. Francis was the Research and Production Manager of the Australasian Production and Inventory Control Society Quarterly Journal of Enterprise Resource Management, Sydney, Australia.

Peer-reviewed Journals

- Francis F. (2016) "Engineering Approach with Quality Function Deployment for an ABET Accredited Program: A case Study". American Journal of Mechanical Engineering, vol4, No. 2, pp 65-70, doi 10.12691/ajme-4-2-4. May 2016.
- Francis F. (2015) "Nano Engineering for Nano Sustainability". IOSR Journal of Engineering (IOSRJEN) ISSN (e) 2250-3021, ISSN (p): 2278-8719, vol.05, issue 11, pp 25-27, November 2015.
- Francis F. (2014) "Designing E-Learning Process". IOSR Journal of Engineering (IOSRJEN), ISSN (e) 2250-3021, ISSN (p): 2278-8719, vol 04, PP 07-10, December 2014.
- Francis F. (2014) "Engineering for Sustainability: A Solar coffee Machine (Solacoff)". European International Journal of Science and technology, Vol.3 No 4. PP: 15-20, May 2014.
- Francis F. (2012) the Elaboration Process – An Approach for Sustainable Product Development: A Case Study. INTERNATIONAL JOURNAL OF SUSTAINABLE ENGINEERING, DOI:10.1080/19397038.2012.656730
- Francis, F., "Electrochemical Machining of Ferrous and Non-Ferrous Alloys" published in the "International Journal of Steel and Related Materials", ISSN 1611-4442, June 2011.
- Francis, F., "Sustainable Engineering- a Focus on Green Product Design" published in the "International Journal of Theoretical and Applied Mechanics (IJTAM)", ISSN 0973-6085, July 2010.

Esteemed indicators

Member in the Institute of Engineers, Australia, since 1988.