

**DR. IBRAHIM MUSTAFA MEHEDI***Assistant Professor, Dept. of Electrical and Computer Eng., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Electrical Engineering and Information Systems	The University of Tokyo, Tokyo, Japan	2011
MS	Aerospace Engineering	University Putra Malaysia	2005
BS	Electrical and Electronic Engineering	Rajshahi University of Engineering and Technology, Bangladesh	2000

**Academic Experience**

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i> <i>(Chair, Full or Coordinator, etc.)</i>	<i>Part Time or Full Time</i>
2012	Date	King Abdulaziz University	Assistant Professor		Full Time
2011	2013	Japan Aerospace Exploration Agency (JAXA)	Postdoctoral Researcher		Full Time
2009	2011	Japan Aerospace Exploration Agency (JAXA)	Research Assistant		Part Time
2008	2011	GCOE, Graduate School of Engineering, The University of Tokyo	Research Assistant		Full Time
2006	2008	King Fahd University of Petroleum & Minerals (KFUPM)	Lecturer		Full Time
2003	2006	University Putra Malaysia (UPM)	Research Assistant		Full Time

**Non Academic Experience** *(including Consultations)*

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description</i> <i>(Brief)</i>	<i>Full or Part Time</i>
2012	2012	Shapla International Company Ltd., Kanagawa, Japan	Engineering Consultant	New Project Consultation	Full Time
2001	2003	Coca Cola Bottling Plant, Comilla, Bangladesh	Maintenance Engineer	Industrial Machineries maintenance and Troubleshooting	Full Time

**Funded Research Projects and Patents from the Past Five Years****Certifications and Professional Registrations****Current Membership in Professional Societies and Organizations**

**Honors and Awards**

- 1 Marie Currie Fellowship Award from The University of Bucharest, Romania, 2007
- 2 Japanese Government Monbukagakusho (MEXT) Scholarship Award, Japan, 2008 - 2011

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

- 1 Member of the Department Council Committee, Department of Electrical and Computer Engineering, King Abdulaziz University, Saudi Arabia
- 2 Member of the ABET Department Committee, Department of Electrical and Computer Engineering, King Abdulaziz University, Saudi Arabia
- 3 Member of the Aerospace Engineering Curriculum Revision and Update Committee, Aerospace Engineering Department, KFUPM, Saudi Arabia (2006 - 2008)
- 4 Member of the Student & Advising, Aerospace Engineering Department, KFUPM, Saudi Arabia (2006 - 2008)
- 5 Member of the Aerospace Engineering Curriculum Revision and Update Committee, Aerospace Engineering Department, KFUPM, Saudi Arabia (2006 - 2008)
- 6 Member of the Industrial & Public Committee, Aerospace Engineering Department, KFUPM, Saudi Arabia (2006 - 2008)
- 7 Member of the ABET Department Committee, Aerospace Engineering Department, KFUPM, Saudi Arabia (2006 - 2008)
- 8 Member of the Department Council, Aerospace Engineering Department, KFUPM, Saudi Arabia (2006 - 2008)
- 9 Member of the Senior Project and Coop Committee, Aerospace Engineering Department, KFUPM Saudi Arabia (2006 - 2008)

**Principal Publications/Presentations from the Past Five Years**

- 1 I.M. Mehedi, Hybrid Regulator System for Satellite Directing Enactment and Energy longevity, Life Science Journal Volume: 11 Issue: 3s Pages: 59-67 Published: MAR 2014
- 2 I.M. Mehedi, A Novel Trajectory Generation Scheme for Lunar Landing Exploration Mission, Life Science Journal Volume: 11 Issue: 1s Pages: 38-45 Published: JAN 2014
- 3 I.M. Mehedi and T. Kubota, Advanced Guidance Scheme for Lunar Descent and Landing from Orbital Speed Conditions, Transaction of Japan Society for Aeronautical and Space Sciences (JSASS), Vol. 54, No.184, pp. 98-105, 2011
- 4 I.M. Mehedi and T. Kubota, A Trajectory Generation Scheme for Precise and Safe lunar Landing, The Journal of Space Engineering, Japan Society of Mechanical Engineering (JSME), Japan, Vol. 4, No.1, pp.1-13, 2011
- 5 I.M. Mehedi and T. Kubota, Advanced Descent Scheme for Lunar Landing, Automatic Control in Aerospace – Online Journal, Vol. 4, No.1, ISSN 1974-5168, 2011
- 6 T. Kubota, O. Masatsugu, I.M. Mehedi, C. Cedric and N. Takamasa. Field Robotics Technology for Secure System – Intelligent Explorer- Symposium on Secure-Life Electronics-Advanced Electronics, Global COE program, The University of Tokyo, Tokyo, Nov. 2010

**Recent Professional Development Activities** (*Workshops, training, etc.*)

- 1 Academic Accreditation Seminar, Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, Nov. 2012