



Curriculum Vitae of a faculty member

1. Personal information

Name	Dr. Abdulhaqq A. Hamid
Academic Degree	Ph.D.
Job Title	Lecturer
General Major	Mechanical Engineering
Mobil No.	07710713772
Email address	abdulhaqqhamid@uomosul.edu.iq abdulhaqqhamid@yahoo.com
Website	@uomosul.edu.iq & Research Gate

2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate	20/3/2006	I.I.T. Roorkee	India	Applied Mechanics
Master	16/11/1997	University of Mosul	Iraq	Applied Mechanics
Bachelor	22/6/1988	University of Mosul	Iraq	Mechanical Engineering

3. Experiences

Employment	Job Title	Period
Senior and Planer Mechanical Engineer.	Mechanical Designer	From 1988 to 1991
Mechanical Engineer	Ass. lecturer	From 1992-1995
Master Student	M.Sc. Student	From 1995-1997
Faculty member	Lecturer	From 1997-2000
Ph.D. Student	at I.I.T. Roorkee, India	From 2001-2006
Assistant H.O.D. at Mechanical Dept.	Lecturer , Mech. Engg.	From 2006- till now

4. Researches & Scientific activities

	<u>Papers Published in International and National Journals and Conferences:</u>
	1. Abdulhaqq A. Hamid and Rafi K. Yahya, "Influence of Fretting on the Fatigue Strength at the Vise clamp- Specimen Interface", Bull. Mater. Sci., 2003, Vol. 26, No. 7, pp. 749-754. 2. Abdulhaqq A. Hamid and Rafi K. Yahya, "Fretting on the Fatigue Strength at the Vise clamp- Specimen Interface", Proceeding of XIII National Conference of Indian Society of Mechanical Engineers (ISME-2003), December 30-31, 2003, pp. 17. 3. Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, "Wear Behaviour of Cast In-Situ Al(Mn)-Al₂O₃(MnO₂) Composite", 4th China International Symposium on Tribology, November 8-11, 2004, Xi'an China, pp. 235-239. 4. Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, "Processing, Microstructure and Mechanical Properties of Cast In-Situ Al(Mg,Mn)-Al₂O₃(MnO₂) Composite", Met. Mater. Trans. A, 2005, Vol. 36A, pp. 2211-2223. 5. Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, "Influence of Particle Content and Porosity on the Wear Behaviour of Cast In-Situ Al(Mn)-Al₂O₃(MnO₂) Composite", Wear, 2006, Issues No. 4-5, Vol. 260, pp. 368-378. 6. P. K. Ghosh, N. Vardani and Abdulhaqq A. Hamid, "Criticality of Gas Metal Arc Welding of Al(Mg)-Al₂O₃ Cast Particulate Composite", International Journal for the Joining of Materials, 2006, Vol. 18, No. 2, pp., 33-44. 7. Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, "Influence of Particle Content and Porosity on the Wear Behaviour of Cast In-Situ Al(Ti)-Al₂O₃(TiO₂) Composite", Wear, 2008, Vol. 265, Issues 1-2, (25 June), pp. 14-26. 8. Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, "Processing Temperature, Microstructure and Mechanical Properties of Cast In-Situ Al(Mg,Ti)-Al₂O₃(TiO₂) Composite", Met. Mater. Trans. A, 2006, Issue No. 2, Vol. 37A, pp. 469-480. 9. Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, "Characteristics and Triological Properties of Cast In-Situ Al(Mg,Mo)-Al₂O₃(MoO₃) Composite" Met. Mater. Trans. B, 2006, Issue No. (6) August, Vol. 37B, pp. 519-529. 10. Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, "Influence of Particle Content and Porosity on the Wear Behaviour of Cast In-Situ Al(Ti)-Al₂O₃(TiO₂)

	Composite”, ASME ,WTC05, September 12-16, 2005, Washington, DC., USA, published (Paper Number: WTC2005-63293). 11. Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, “Cast In-Situ Al(Mg,Mo)-Al₂O₃(MoO₃) Composite – Characterization and Tribological Behavior”, ASME ,IMECE, November 5-11, 2005, Orlando, Florida, USA, published (Paper Number: IMECE2005-79835). 12. Abdulhaqq A. Hamid, S. C. Jain, P. K. Ghosh and S. Ray, “Influence of Cooling Rate on the Microstructure, Mechanical and Tribological Properties of Cast <i>In-Situ</i> Al(Mg,Mn)-Al₂O₃(MnO₂) Composite” International Conference on Advances in Mechanical Engineering (AME 2006), December 1-3, 2006, Paper ID: DAN-266, Fatehgarh Sahib-140 407 (Punjab), India. 13. Abdulhaqq A. Hamid, “Microstructures, Mechanical and Tribological Properties of Cast In-Situ Composites: Al(Mg,Mn)-Al₂O₃(MnO₂) and Al(Mg,Ti)-Al₂O₃(TiO₂) Composite”, (2nd International Conference on Advanced Tribology " ICAT 08", Paper ID ICAT358, December 3-5, 2008, Singapore. 14. Sobhi I. Ibrahim, Abdulhaqq A. Hamid, and Sabhan H. Al-Rifay, “Studying the corrosion of graphite containing pearlitic cast irons in sandy soil” Al-Rafidain Engineering Journal, 2010, Vol. 18, No. 2, pp. 13-22. 15. Abdulhaqq A. Hamid, “Influence of Cooling Rate on the Properties and characterizations of aluminium-based Cast Particulate <i>In-Situ</i> Composite” Al-Rafidain Engineering Journal, 2010, Vol. 18, No. 1, pp. 83-97. 16. Abdulhaqq A. Hamid and Hazim M. Matloob, “Study the effect of speed, impinging angle and slurry concentration on erosion of stainless steel -316L” Al-Rafidain Engineering Journal, 2013, Vol. 21, No. 3, pp. 25-34. 17. Abdulhaqq A. Hamid and Mohammed M. Alqazaz, “Preparation and characterization of functionally graded aluminium alloy-based particulate composite via casting route” Al-Rafidain Engineering Journal, Feb. 2015, Vol.23, Issue 1, pp. 41-55, 15 pages. 18. Abdulhaqq A. Hamid and Ahmed M. Abbas, “Influence of some variables on stress distribution for single lap joint composite plate containing cutouts ” Proceeding of 2nd Mechanical engineering conference, Mechanical Engineering Department, University of Mosul, Mosul-Iraq, December 10-11/2012 . 19. Abdulhaqq A. Hamid and Ahmed M. Abbas, “stress analysis of lap joint composite material plates containing cutouts” Al-Rafidain Engineering Journal, 2012, under consideration. 20. Abdulhaqq A. Hamid and Ghaidaa I. Husain, “Creep Behavior of Different Epoxy-Based Composites Reinforcing With SiC and Graphite Particles and Carbon Fibers ” Al-Rafidain Engineering Journal, Oct. 2015, Vol.23, Issue 4, pp. 110-123, 14 pages.
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	21. Abdulhaqq A. Hamid, research technical paper has been submitted to the Journal of Met. Mater. Trans. B, and still under consideration. 22. Ahmed W. Khalid and Abdulhaqq A. Hamid, " Effect of velocity and angle on erosion behavior for polymeric composite materials", Al-Rafidain Engineering Journal (AREJ), Vol. 24, No. 2, December 2019, pp. 101-114. 23. Ahmed W. Khalid and Abdulhaqq A. Hamid, "Design and manufacturing of erosion measuring instrument for polymers and their composites with some experimental results", Al-Rafidain Engineering Journal (AREJ), Vol. 24, No. 2, December 2019, pp. 115-129. 24. Awad H. kh., Anis O. Albalood, and Abdulhaqq A. Hamid, "Influence of particle size on the thermal and electrical conductivity of epoxy based composites", under consideration, 2019. 25. Ziyad Sh. A., Abdulhaqq A. Hamid, and Anis O. Albalood, "Design, analysis and simulation of vibrational performance of ultrasonic horn used for plastic welding, under consideration, 2019. 26. Abdulhaqq A. Hamid, " Comprehensive investigation of the effect of key processing parameters for rotary friction welding on the mechanical properties of particulate plastic composites", under consideration, 2020.
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Books

5. Scientific Conferences

	Conference Name	Date
1	Abdulhaqq A. Hamid and Rafi K. Yahya, "Fretting on the Fatigue Strength at the Vise clamp- Specimen Interface", Proceeding of XIII National Conference of Indian Society of Mechanical Engineers (ISME-2003), December 30-31, 2003, pp. 17.	23-Dec., 2003
2	Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, "Wear Behaviour of Cast In-Situ Al(Mn)-Al ₂ O ₃ (MnO ₂) Composite", 4 th China International Symposium on Tribology, November 8-11, 2004, Xi'an China, pp. 235-239.	8-11, Nov.2004

3	Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, "Influence of Particle Content and Porosity on the Wear Behaviour of Cast In-Situ Al(Ti)-Al ₂ O ₃ (TiO ₂) Composite", ASME ,WTC05, September 12-16, 2005, Washington, DC., USA, published (Paper Number: WTC2005-63293).	12-16, Sept.2005
4	Abdulhaqq A. Hamid, P. K. Ghosh, S. C. Jain and S. Ray, "Cast In-Situ Al(Mg,Mo)-Al ₂ O ₃ (MoO ₃) Composite – Characterization and Tribological Behavior", ASME ,IMECE, November 5-11, 2005, Orlando, Florida, USA, published (Paper Number: IMECE2005-79835).	5-11, Nov. 2005
5	Abdulhaqq A. Hamid, S. C. Jain, P. K. Ghosh and S. Ray, "Influence of Cooling Rate on the Microstructure, Mechanical and Tribological Properties of Cast <i>In-Situ</i> Al(Mg,Mn)-Al ₂ O ₃ (MnO ₂) Composite" International Conference on Advances in Mechanical Engineering (AME 2006), December 1-3, 2006, Paper ID: DAN-266, Fatehgarh Sahib-140 407 (Punjab), India.	1-3, Dec., 2006
6	Abdulhaqq A. Hamid, "Microstructures, Mechanical and Tribological Properties of Cast In-Situ Composites: Al(Mg,Mn)-Al ₂ O ₃ (MnO ₂) and Al(Mg,Ti)-Al ₂ O ₃ (TiO ₂) Composite", (2 nd International Conference on Advanced Tribology " ICAT 08", Paper ID ICAT358, December 3-5, 2008, Singapore.	3-5, Dec., 2008
7	Abdulhaqq A. Hamid and Ahmed M. Abbas, "Influence of some variables on stress distribution for single lap joint composite plate containing cutouts" Proceeding of 2 nd Mechanical engineering conference, Mechanical Engineering Department, University of Mosul, Mosul-Iraq, December 10-11/2012.	10-11, Dec., 2012

6. Training courses for faculty members.

	Training program name	Date
1	Hydraulic system design	13-22, Jan.1990
2	Control system simulation	3-11, March, 1993
3	Experimental stress analysis	15-29, Apr.1994
4	Teaching Methods	May, 1995
5	Computer programming	12-22, Dec.1995

- Master's and Doctoral theses which he supervised

	Researcher name	Thesis title	Reg. date
1	Abdhan H. A. Al-Rifay,	M.Sc. thesis title: "Corrosion Behaviour investigation of graphite containing cast irons as (composite material) using local selected corrosion environments",	Mechanical engineering department, university of mosul, Mosul-Iraq, 2009.
2	Hammed Muthana Alqazaz	thesis title: "Study the characterization of aluminium alloy based functionally graded composites produced by casting technique",	Mechanical engineering department, university of mosul, Mosul-Iraq, 2011.
3	Ali Mohammed Matloob	thesis title: "Effect of speed, impinging angle and slurry concentration of water and sand on erosion of stainless steel 316L",	Mechanical engineering department, university of mosul, Mosul-Iraq, 2012.
4	Amid Mohammad Abbass	thesis title: "Finite Element Modeling of Composite Material Plate containing cutouts"	Mechanical engineering department, university of mosul, Mosul-Iraq, 2013.
5	Ghaidaa I. Husain	thesis title: "Creep Behavior of Different Epoxy-Based Composites Reinforcing With SiC and Graphite Particles and Carbon Fibers "	Mechanical engineering department, university of

			Mosul, Mosul-Iraq, 2014.
6	Ahmed W. Khalid	M.Sc. thesis title: "Investigation of Erosion Behavior of Fibrous and Particulate Unsaturated Polyester Reinforced Composite Materials"	Mechanical engineering department, University of Mosul, Mosul-Iraq, 2019.

- Theses which he discussed

	researcher name	Thesis title	date
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