

DR. GAMAL S. HASSAN

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or

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Education

Degree	Field	Institution	Year
PhD	Mineral Processing	Assiut University, Egypt	2005
MS	Mining Engineering	Al Azhar University, Egypt	1999
BS	Mining Engineering	Assiut University, Egypt	1990

Academic Experience

From	To	Institution	Rank	Title (Chair, Coordinator, etc.)	Full or Part Time
1993	1999	Al Azhar University	Demonstrator		Full Time
1999	2002	Al Azhar University	Assist Lecturer	Assist Lecturer	Full Time
2002	2005	Assiut University	Assist Lecturer	Assist Lecturer	Full Time
2005	2006	Assiut University	Assist Prof	Assist Prof	Full Time
2006	current	King AbdulAziz university	Assist Prof	Assist Prof	Full Time

Non Academic Industrial Experience (including Consultations)

From	To	Company/Entity	Title	Position Description (Brief)	Full or Part Time
1990	1993	Asiut cement company - Egypt	Associate	Limestone Quarry.	Full Time
1993	1999	Al Azhar university - Egypt	Consultant	Evaluation of Mining sector	Part Time
2005	2006	Consulting Centre of Faculty of Engineering, Assiut.	Associate	Ore preparation/mineral concentration	Part Time

Funded Research Projects and Patents from the Past Five Years

1. Beneficiation of some Saudi Nepheline Syenite ores for Ceramics industry,-PI, KAU, 2013
2. Rationalization of energy consumption in ore grinding, PI, KACST 2012
3. Upgrading of low grade Saudi phosphate using microemulsion, Co-PI, KACST 2012
4. Development of mining engineering curriculum through DACUM, Co-PI, KAU, 2012
5. Initiation of a PhD program at mining engineering program, coordinator and Co-PI, KAU, 2012
6. Author of a book Entitled "Mining survey and its applications", PI - KAU, 2012
7. Author of a book Entitled "Crushing and grinding of ores", PI - KAU, 2011
8. Co-author of a book Entitled "underground mining methods ", KAU, 2011
9. Co-author of a book Entitled "computer applications in mining", KAU, 2011
10. Stabilization of sand dune in KSA by using Bentonite Kholise, , funded by KACST-GDRG, KSA 2009

Certifications and Professional Registrations

Registered Mining Engineer in Egypt

Current Membership in Professional Societies and Organizations

Society/organization	Member	Since
1. Egyptian Syndicate of Engineering Professions	Member	1990
2. Egyptian Society of Engineer	Member	1993
3. accreditation unit, Assiut university	Member	2005-2006
4. Consulting Centre of Faculty of Engineering, Assiut University	Member	2005-2006
5 Geological Saudi Society of , King Abdulaziz University	Member	2008 – until now

Honours and Awards

1. Ranked first among graduates Mining Engineering Department, Assiut University, Egypt, 1987, 1988, and 1989.
2. An award and prize for Academic excellence in metallurgical substances in 1988 (Prize of Prof. Dr: Youssif Esmail)
3. An award and prize for Academic excellence in mining substances in 1989 (Prize of Prof. Dr:

Mohamed Zaki Hathoot)

4. An award and prize for the best Ph.D in Mining and Geology in 2005 (Prize of Prof. Dr: Mohamed Ragaie Eltahlawi)
5. Patient on the Stabilization of sand dune in KSA by using Bentonite Kholise, , funded by KACST-GDRG, KSA 2010

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

1. Mining Program coordinator at College of Engineering E-Day cummitte (2007-2009)
2. Central Rock Mechanics Lab Coordinator since 2009 till present.

Principal Publications/Presentations from the Past Five Years

1. Abdel Hafeez G. S., Comparison Between Bottom and Side Injection of Bentonite Slurryin Treatment of Sand Dunes) Journal of Engineering Sciences, (JES), Assiut Univ., Egypt Vol.38, No. 1, 2010.
2. M Aboushook, Mohamed-noor N. Almaghrbi, Abdel Hafeez, G. S. " Patient on the Stabilization of sand dune in KSA by using Bentonite Kholise, , funded by KACST-GDRG, KSA 2010
3. Abdel Hafeez G. S., "Correlation Between Work Index And Mechanical Properties Of Some Saudi Ores" ,Journal of Material Testing Vol. 54, 2 (2012), pp 108- 112
4. Abdel Hafeez G. S., "Evaluation and Optimization of Operating Parameters affecting Davis Tube Magnetic Tester by Using 2nd Factorial Design" , Journal of Material Testing Vol. 54, 6 (2012), pp 437- 443
5. M Aboushook, Mohamed-noor N. Almaghrbi, Abbas Fadol, and Abdel Hafeez, G. S. "Different methods for stabilisation of sand dunes using calcium bentonite" Int. J. Environmental Engineering Vol.4 Nos ½ 2012, pp 79-91
6. Salah, A. Badr, and G. S Abdel Hafeez,. "Numerical Modeling of Macro-Scale Brittle Rock Crushing during Impacts Journal of Engineering Sciences, (JES), Assiut Univ., Egypt accepted Nov 2012
7. A. Mageed & Abdel Hafeez G. S.,." Utilization Of Limestone Dust in Brick Making" Journal of Engineering Sciences, (JES), Assiut Univ., Egypt Vol.40, No. 3 , pp 913-922, May. 2012

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

1. Participating in a training course entitled "Principals of Rock Blasting" supervised by deanship of community services and continuing learning at King Abdulaziz University, 2008
 2. Participating in a training course entitled "The Different Methods for Estimation of Ore Reserves" supervised by deanship of Community Services and Continuing Learning at King Abdulaziz University, Ministry of Petroleum and Mineral Resources, Deputy Ministry for Mineral Resources, and Arab Industrial Development and Mining Organization, on 27/2/2010
 3. The scientific organizer for a training course entitled "Prefeasibility Studies For Mining Projects" supervised by Deanship of Community Services and Continuing Learning at King Abdulaziz University, Ministry of Petroleum and Mineral Resources, Deputy Ministry for Mineral Resources, and Arab Industrial Development and Mining Organization, that will be held on 2/4/2011
 4. The scientific organizer for a training course entitled "ores exploration, extraction processing and marketing" supervised by Deanship of Community Services and Continuing Learning at King Abdulaziz University, Ministry of Petroleum and Mineral Resources, Deputy Ministry for Mineral Resources, and Arab Industrial Development and Mining Organization, that will be held on 2/4/2012
 5. Industrial DACUM Workshop, Mining Engineering Dept, King Abdulaziz university 2012
 6. Workshop of the University Center for Teaching and Learning Development
 7. Academic advisor for more than 29 students, over 6 years, Mining Eng. Dept. KAU
 8. Participant member in Engineering Day along 5 years
- Curriculum Accreditation Unit, KAU: "Means of Curriculum Development", 2006