

Curriculum Vitae of:
Mahmoud T. Abdu

Education:

Degree	Discipline	Institution	Year
Ph.D.	Engineering	University of California, Irvine	2011
M.S.	Metallurgical Engineering	Cairo University	2005
B.S.	Metallurgical Engineering	Cairo University	2002

Academic Rank: Assistant Professor **Specialty:** Industrial Eng. **Major:** Eng. Materials

Academic Experience:

Institution: University of Bisha, Industrial Engineering Department

Rank: Assistant Professor

Title: Chair

Dates: 2017 – present

Full Time or Part Time: Full Time

Institution: Cairo University, Metallurgical Engineering Department

Rank: Assistant Professor

Title: Faculty Member

Dates: 2012 – present

Full Time or Part Time: Full Time

Membership in Professional Organizations:

ASM International, The Minerals, Metals, and Materials Society (TMS), Egyptian Engineers Syndicate

Honors and Awards:

- International Publication Award, 2017, Cairo University
- Fully funded Ph.D. Scholarship from the Scientific Missions Department of the Ministry of Higher Education
- Fully Funded M.S. Scholarship from the Metallurgical Engineering Department at Cairo University

Principal Publications and Presentations of the Last Five Years:

1. Assessment of Eutectic Modification Level in Al-Si Alloys Via Thermal Analysis, M.S. Abdelrahman, Mahmoud T. Abdu, W. Khalifa, The Minerals, Metals, and Materials Series, Light Metals, 2017, pp. 885-895.
2. Microstructure Control in A356 Al-Si Alloy Via Ultrasonic Melt Treatment, W. Khalifa, Mahmoud T. Abdu, M.S. Abdelrahman, Y. Tsunekawa, The Minerals, Metals, and Materials Series, Light Metals, 2017, pp. 1013-1019.
3. Interrelation of Steel Composition, Hardening Route, and Tempering Response of Medium Carbon Low-Alloy Steels, A.A. Hussein, Mahmoud T. Abdu, E.M. El-Banna, S.E. Soliman, M.M. Tash, Journal of Materials Engineering and Performance, vol. 25, No. 4, 2016, pp. 1463-1473.