

FACULTY VITAE

1. Name: Dr. Lamiaa Zaky Mohamed
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3. Telephone No.: 01272283133
4. Education – degree, discipline, institution, year
 - Ph.D. Metallurgical Engineering, Cairo University, Giza, Egypt, 2017.
 - M.Sc. Metallurgical Engineering, Cairo University, Giza, Egypt, 2010.
 - B.Sc. Metallurgical Engineering, Cairo University, Giza, Egypt, 2003.
5. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 2002-2007), full time or part time
 - Cairo University, Faculty of Engineering, Mining, Petroleum and Metallurgical Engineering (MPM) Dept., Assistant Professor, Egypt, (2017- until now), full time.
 - Cairo University, Faculty of Engineering, Mining, Petroleum and Metallurgical Engineering (MPM) Dept., Teaching Assistant and Senior Lecturer, Egypt, (2005-2010- 2017), full time.
6. Honors and awards
 - Cairo University-Faculty of Engineering Award (B.Sc.), 2004
 - Cairo University-Faculty of Engineering Award (M.Sc.), 2011
 - Cairo University-Faculty of Engineering Award (PhD), 2018
7. Service activities (within and outside of the institution)
 - Member in Academic Accreditation (Faculty of Engineering, Cairo University-March-2018- September 2019).
 - Member in Control (Faculty of Engineering, Cairo university- December 2018- till now)
8. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation
 - Lamiaa Z Mohamed, Alaa I Eid, Ashraf K Eessaa, Shaimaa A Esmail, “Studying of Physico-Mechanical and Electrical Properties of Polypropylene/Nano-Copper Composites for Industrial Applications”, Egyptian Journal of Chemistry, 62(5), pp 913-920, 2019

- Lamiaa Z. Mohamed, Wafaa A. Ghanem, Omayma A. El kady, Mohamed.M. Lotfy, Hafiz A. Ahmed, Fawzi A. Elrefaie, “Oxidation characteristics of porous Ni-12 wt%Cr alloy at 1000 °C in air”, Ain Shams Engineering Journal, 2018
- Lamiaa Z. Mohamed, Wafaa A. Ghanem, Omayma A. El kady, Mohamed.M. Lotfy, Hafiz A. Ahmed, Fawzi A. Elrefaie, “Oxidation Characteristics of Porous Nickel Low-Chromium Binary Alloys in Air at 1273K for 100 h”, Key Engineering Materials, Vol. 786, pp 37-43, 2018
- Lamiaa Z. Mohamed, Wafaa A. Ghanem, Omayma A. El kady, Mohamed.M. Lotfy, Hafiz A. Ahmed, Fawzi A. Elrefaie, “Oxidation characteristics of porous-nickel prepared by powder metallurgy and cast-nickel at 1273 K in air for total oxidation time of 100 h”, Journal of Advanced Research, Vol. 8, Issue 6, pp. 717–729, 2017

9. Briefly list the most recent professional development activities