



Edrees Edaan Ghadeer

Solid State Physics / Materials Science

Mosul, Iraq

Profile

More than 15 years as a knowledgeable in materials science; Composite Materials, Diffusion Coatings, Powder Metallurgy Metal Alloy Production. Strong written and oral communication skills in English, supervisory and teaching experience.

Employment History

2009 -- 2013

Lecturer at University of Mosul, IRAQ
Dec 2005 – until now

Education

Doctor of Philosophy in Physics / Solid State Physics-Materials Science, Mosul University, Iraq
2009 – 2013

Preparation of new composite material with different weight fractions and study the effect of the weight fraction of the reinforcing materials on the mechanical properties such as acyclic bending fatigue, static bend , hardness, tensile strength, compression strength and impact toughness of prepared composites

Master of Science (M.Sc.) in Solid State Physics-Materials Science, University of Mosul, IRAQ
2002 – 2005

Preparation of a simple aluminide coatings on an Austenitic Stainless steel base alloy (321 AISI) to improve the corrosion resistance by using cyclic oxidation technique, in the presence of a molten salt (Na_2SO_4) (Sulphidation) .

Bachelor of Science (B.Sc.), University of Mosul, IRAQ
1998 – 2002

Courses

Advanced Teaching Methods, University of Mosul, IRAQ
2006

Advanced Teaching Methods, University of Mosul, IRAQ
2013

References

Professor **Anwar Mustafa Ezzat Alfaidhi** from Mosul University
Prof.dr.anwar@uomosul.edu.iq

Professor **Laith Ahmed Najam** from Mosul University
prof.lai2014@uomosul.edu.iq

Associate Professor **Firas Mohammed Ali Aljomaily** from Mosul University
dr.firas@uomisul.edu.iq

Details

Mosul, Iraq
dr.adrees@uomosul.edu.iq
adreesedaan@yahoo.com

DATE / PLACE OF BIRTH

1978/06/3

IRAQ

DRIVING LICENSE

Full Iraqi License

Social Profiles

ResearchGate

https://www.researchgate.net/profile/Edrees_Edaan

LinkedIn

<https://www.linkedin.com/in/edrees-edaan-458839205/>

Skills

Optical Microscope Analysis (OMA)

Ultraviolet Spectroscopy Analysis

Manufacture of laboratory thermal furnaces

X-Ray Diffraction Analysis (XRD)

Scanning Electron Microscope (SEM)

Thermal Gravimetric Analysis (TGA)

Supervisory & Teaching

Labs Safety Procedures

Languages

Arabic

English

Hobbies

Reading

Swimming

Soccer

Conferences

The Third International Scientific Conference of the College of Basic Education / University of Mosul, (Integration of sciences towards achieving education goals).

The First International Conference and Scientific Third of College of Science - University of Tikrit (Promote Scientific Research is Our Way to Serve the Community).

Workshops

Coating technology used to protect metals, University of Mosul, Iraq

Resent Publications

1. Moayad A. Mohammed, Edrees E. Ghadeer, (2006), "Sulphidation Resistance of Nickel-Aluminide Coatings on Austenitic Stainless Steel AISI 321, Raf. Jour. Sci., Vol.17, No. 2 Physics, Special Issue, pp.88-102.
2. Moyed Abd-Allah Mohammed Al-Nueimi, Edrees Edaan Ghadeer Al-Obeidi, (2011), "The effect of Carbon fibers and powder addition on the alternating fatigue behavior of unsaturated polyester resin", Tiktik Journal of Pure Science 19 (1) ISSN: 1813 – 1662.
3. Moyed A. Al-Nueimi, Edrees E. Al-Obeidi, (2013), "The Effect of (E-glass) Fibers and Glass Powder Addition on the Alternating Fatigue Behavior of Unsaturated Polyester Resin, Raf. J. Sci., Vol. 24, No.6 pp. 96-115.
4. Mahmood A. Hamood, Rana H. Mahmood, Edrees E. Kidder, (2018), "The Use of Dy2O3 as Thermal Barrier in Aluminide Coating on One Type of Stainless Steel", Raf. J. Sci., Vol. 27, No.1 pp. 125-134.
5. Adrees Edaan Ghadeer, Ismail Khalil Al-Dahmashy, Sarwa abdalkader Mohammed, Amer Shaker, (2018), "Studying the Effect of Polymeric Fibers and Powders Addition on the Sliding Wear of Unsaturated Polyester Resin, Proceedings of the First International Conference and Scientific Third of College of Science - University of Tikrit. Pp.190-198.
6. Asmaa Emad A., A. N. Mahmmmod, Edrees Edaan, (2019), "Study the Effect of the Grain Size Of Reinforcement Materials on the Efficiency of the Wear Resistance for Polymer Matrix Composites", A special issue of the researches of the Third International Scientific Conference (Integration of Science towards Achieving the Objectives of Education),Vol.3.
7. Yahya I. Abdul-Rahman, Ismail K. Al-Dahmashy, Edrees E. Ghadeer, (2019), "The Effect of Glass and Carbon Fibers and Powders Addition on the Sliding Wear Behavior of Unsaturated Polyester Resin, Raf. J. Sci., Vol. 28, No.1, pp. 73-84.
8. Edrees Edaan Ghadeer, Yahya Abdul Kareem Salman, Rehab Joko Hussin, (2019), "Dry Sliding Wear Behavior of Unsaturated Polyester Resin Reinforced with Nickel and Copper Wires and Powders", Transylvanian Review: Vol XXVII, No.43.
9. Yahya A. Salman , Mahmood A. Hmood, Adrees E. Khadeer, (2020), "The Effect of Nickel and Aluminum Concentration on Cyclic Oxidation Resistance of Mild Steel (AISI 1020)", Journal of Education and Science, Vol. 29, No.3, 2020, pp. 1-10 ISSN 1812-125X.
10. Edrees E. Al-Obeidi, Mohammed Mahmoud Uonis, Mohammed A. Al-Jubouri, (2020), "LEVERAGE OF CIGARETTE ASH POWDER CONCENTRATIONS ON THE ALTERNATING BENDING FATIGUE OF UNSATURATED POLYESTER RESIN", Int. J. Adv. Res., 8(11), 675-682 ISSN: 2320-5407.