

Dr. Diyar Jamal

Erbil/Iraq | 0770 049 5000 | drdiyarjamal@gmail.com

Education

Ph.D.	Materials Science and Engineering	Texas A&M University, College Station, Texas	2017
M.S.	Materials Processing	KTH (Royal Institute of Technology), Stockholm, Sweden	2010
B.Sc.	Mechanical Engineering	Bogazici University, Istanbul, Turkey	2005



Achievements

- [Outstanding Teacher Award](#) (My graduate-level lecture skills were recognized by Texas A&M University faculty, staff and students.)
- CIRTL associate (Center for the Integration of Research, Teaching, and Learning)
- Recognized graduate teaching fellow certificate (By college of engineering Texas A&M)
- Associate Fellow of the Academy for Future Faculty (Center for the Integration of Research, Teaching, and Learning)
- Lecturing Well (Center of teaching excellence)
- Recognized as Instructor (Passed pedagogy requirements for MHE-KRG)
- Materials Science and Engineering Fellowship Award

Teaching experience

Erbil Polytechnic University (EPU) (2010–2020)

- Materials Science
- Advanced Calculus
- Numerical analysis,
- AutoCAD
- Fluid Mechanics
- Introduction to computing

Tishik International University (TIU) (2020-2021)

- Theory of Machines

Texas A&M University (2012 - 2017)

- Instructor of record, MEEN 222/503 Materials Science, Fall 2016 and Spring 2017

- Graduate teaching assistant, MSEN 602 Advanced Materials Science and Engineering, Spring 2016
 - Graduate Teaching Assistant. CHEN 313 Chemical Engineering Materials, Fall 2015
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Technical skills

- Data Science: Pandas | NumPy | Scikit-Learn | Visualization | Data Engineering | Seaborn
 - Programming Languages: Python | MATLAB | C# | Linux | SQL |
 - Machine Learning: Random Forest | K-Means | SVM | Naïve Bayes | NLP | KERAS | ANN
 - Graphics Programs: AutoCAD | SolidWorks | Unity
 - Multi-Scale Computational Tools: VASP | LAAMPS | Gaussian
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Languages

English (TOEFL 98) /Turkish/Arabic/Kurdish

Engineering Experience

1. Mechanical engineer, ECCI/Iraq 2006-2007
 2. Mechanical site engineer, MOTOKSAN NŞ.LTD.ŞTİ 2007-2008
 3. Mechanical design engineer (part-time) for, BTK Engineering & Mechanical Service 2010-2012
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External links

- <http://www.linkedin.com/in/diyar-jamal>
- <https://scholar.google.com/citations?user=2NeylGwAAAAJ>
- <https://diyar825.wixsite.com/aboutme/awards-certificates>