

ORKAN DAL

Yelaltı Mahallesi, Yeni Yol Sokak
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EDUCATION

- 2016- Present** **Master of Science (MSc)** Izmir Institute of Technology, Department of Chemical Engineering
Thesis: “Production of High-Value Chemicals from Olive Pruning Waste in Hot-Pressurized Water” (*Advisor: Asst. Prof. Dr. Aslı Yüksel Özşen*)
- 2010- 2016** **Bachelor of Science (BSc)** Izmir Institute of Technology, Department of Chemical Engineering
Graduation Project: “Epoxidation of Methyl Ester with Metal Based Catalysts” (*Advisor: Prof. Dr. Selahattin Yılmaz*)
- 2004-2008** **Yusuf Capraz Super High School**

PROJECTS

- 09/2011 – 01/2012** Characterization and Classification of Heavy Metal Oxides in Nanotechnology (*Advisor: Dr. Gülnihal Yelken*)
- 01/2012 – 08/2012** Determination of Metal Chelation and Antioxidant Capacity of Different Plants (*Advisor: Prof. Dr. Oğuz Bayraktar*)
- 01/2014 – 09/2016** Production of Value Added Construction Material by using Different Wastes (*Advisor: Prof. Dr. Mehmet Polat*)
- 09/2015 – 06/2016** Sustainable Campus Design, Chemical Engineering Design (*Advisor: Prof. Dr. Erol Şeker*)

POSTER PRESENTATIONS

- O. Dal, E. Zararsız,** “Production of Environmental Friendly, Blocking Radiation Decorative Bricks by Using Boron Wastes”, Ne Üretelim?, Izmir, 2016

INTERNSHIPS

06/2014 – 07/2014 **Trakya Birlik**, Oil Industry, **Chemical Engineering Intern**,
Departments: Crude Oil, Margarine, Refine Oil

07/2015 – 08/2015 **OLIN**, Oil Industry, **Chemical Engineering Intern**
Departments: Crude Oil, Margarine, Refine Oil, Extraction

CERTIFICATES

UCTEA – ISO 9001:2008 Quality management systems

UCTEA - BS OHSAS 18001 - Occupational Health & Safety

SKILLS

Languages Turkish (Native)
 English (Advanced)
 Spanish (Pre-Intermediate)
 German (Beginner)

Engineering Software **ASPEN Plus, ChemCad, Polymath, Matlab**

Software Windows, Microsoft Office, Linux, Adobe Photoshop, Adobe Illustrator

INTERESTS

- Engineering Design
- Rock Music,
- Radio Broadcasting,
- Post-Modernism
- Chess
- Beat Generation

REFERENCES

Prof. Dr. Mehmet Polat
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Prof. Dr. Erol Şeker
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