



## Mr. Moad Mohammed ALOsta

Lab Instructor

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Time at UoN: Since 2019

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### **Academic Qualifications**

Master of Structural Engineering and Construction, Universiti Putra Malaysia, 2019, STUDY OF PUNCHING SHEAR OF RUBBERIZED CONCRETE SLAB

Bachelor of Civil and Environmental Engineering , Universiti Teknologi PETRONAS, 2017, DEVELOPMENT OF HIGH STRENGTH DUCTILE FIBER REINFORCED CONCRETE (FRE) USING NON METALLIC FIBERS

### **Research Activities**

#### **- Publications**

##### **Article:**

1. 2024 Properties and Microstructure of Treated Coal Bottom Ash as Cement Concrete

## Replacement

2. 2023 Analysis and Design of Lateral Framing Systems for Multi-Story Steel Buildings

3. 2022 Hybrid Timber Concrete Composite Slab for Analysis of Lag Screw Embedment Connections

4. 2022 Concrete Containing Waste Glass as an Environmentally Friendly Aggregate: A Review on Fresh and Mechanical Characteristics

5. 2022 Analysis of BIM-Based Digitising of Green Building Index (GBI) Assessment Method

6. 2021 Performance of Self Compacting Concrete Replaced with Saturated Recycled Aggregate

Ref.: <https://www.unizwa.edu.om/staff/cea/moad.alosta>