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| C:\Users\Ram Computer\Downloads\qqqqqqqqqqqqqq.png | **TISHK INTERNATIONAL UNIVERSITY****Civil Engineering Department****Graduation Project Proposal Form** |

**Project Information**

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| **Title of the Project** |
| The Fresh Properties and Compressive Strength of Self-Compacting Geopolymer Concrete with Different Size and Type of Aggregate |
| **Project Description** |
| The study investigates the effect of aggregate type and size on fresh and hardened properties of self-compacting geopolymer concrete.  |

**Project’s Supervisor**

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| Name | Esam Mulapeer | E-mail | Esam.mulapeer@tiu.edu.iq |

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| **Project Justification/Characteristics** |
| New Aspects/Challenging Problems and Issues (if any) | * Use different type of aggregate.
* Use different size of aggregate.
* Investigate fresh properties by more than 5 methods.
* Using ambient and head for curing.
* Using waste materials to produce concrete.
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| Related Civil Engineering Science Fields and Subfields | Construction material.  |
| Tools | * Sieves
* Molds
* Oven
* Slump
* L box
* V fennel
* G ring
* Compressive strength machine
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| Labs Needed for this Project | Yes |