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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** |
| Analysis of the retaining walls behavior and performance  |
| **Project Description** |
| This project involves the analysis of retaining walls under varying soil conditions using computer software (PLAXIS 3D). The study will thoroughly investigate the factors influencing retaining walls, comparing them with case studies to assess their accuracy and practical applicability. |

**Project’s Supervisor**

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| Name | Dr.Yousif Abduallah Hussein | E-mail | yousif.abduallah@tiu.edu.iq |

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| **Project Justification/Characteristics** |
| New Aspects/Challenging Problems and Issues (if any) | 1. Comprehensive Analysis of Retaining Walls in Unconventional Conditions
2. 3D Analysis of Retaining Wall Structures.
3. Exploring the Influence of Soil Types on Retaining Wall Performance.
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| Related Civil Engineering Science Fields and Subfields | Geotechnical Engineering/ Foundation Engineering  |
| Tools | Computer software PLAXIS 3D |
| Labs Needed for this Project | N/A |