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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** |
| Stability of Foundations Near and on Slopes |
| **Project Description** |
| The study aims to investigate and assess the stability of foundations for engineering structures located near or on slopes using computer software (PLAXIS 3D). Granular soils and cohesive soils will be considered, as well as different slope characterizations. |

**Project’s Supervisor**

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| Name | Dr.Yousif Abduallah Hussein | E-mail | [yousif.abduallah@tiu.edu.iq](mailto:yousif.abduallah@tiu.edu.iq) |

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| **Project Justification/Characteristics** | |
| New Aspects/  Challenging Problems and Issues (if any) | 1. Assessment of the stability of the footing, taking into consideration the three-dimensional effect. 2. Verification of the results through case studies and theoretical analysis. 3. Consideration of the effects of layered soils on stability. |
| Related Civil Engineering Science Fields and Subfields | Geotechnical Engineering/ Foundation Engineering |
| Tools | Computer software PLAXIS 3D |
| Labs Needed for this Project | N/A |