**2023-2024 SEMESTER**

**MECHANICAL ENGINEERING DEPARTMENT**

**GRADUATION PROJECT PROPOSAL FORM**

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| **Lecture Code: MEC 400** | **Lecture Name: Graduation Project** |
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| **Project Title / Number of Students:** | Camera Stabilization by Employing Gyroscope |
| **WORKS AND PROCEDURES TO BE DONE IN THE PROJECT****(Put the item number on the left and write it in order)** |
| **Item**1. Literature survey about vibration stabilization and working principles of gyroscope.
2. Create experimental model
3. Apply disturbance.
4. Determine the necessary mass and rotational speed.
5. Evaluate the performance of the stabilizer in the view of steady and transient response.
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| PROJECT AIMS |
| **Item**1. Stabilization of a vibrating device with using gyroscope is widely used in industry
2. Preparing a cheaper model can be used many electronical devices.
3. The students will establish test rig.
4. The students will provide the required hardware & software.
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| **THE STUDENT TO WORK ON THE PROJECT** |
| Number | Name Surname | Signature |
| 1.2.3. |  |  |

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| **SUPERVISOR** |
| TitleAssist. Prof. Dr. | Name SurnameHikmet BAL | Signature |