

MECHANICAL IN-SEMESTER PROJECT EVALUATION

The in-semester evaluation for the mechanical component is divided into two parts:

1. Mechanical Part Evaluation by RAs
2. Individual Evaluation by TAs

Mechanical Part Evaluation by RAs (15 Marks)

- Joystick: 5 Marks
- Drone (Arms, Center Hub, Landing Gear): 7 Marks
- Pre-Flying Test: 3 Marks

Evaluation Criteria:

- Design
- Manufacturing
- Assembly (including motors)
- Structural Stability & Flight Readiness

The evaluation will be conducted by the RAs once each milestone is completed by the student group. Students must inform their TA when they are ready for evaluation, after which the RA will assess their work.

Individual Assessment by TAs (5 Marks)

Activity	Marks
Observation of student's involvement in the project	2.5
Individual assessment through viva during the last 30 minutes of the session	2.5

TAs will record the marks and relevant details on a printout, which will later be uploaded to the shared Excel sheet.

Additionally, the TA assessment conducted throughout the project duration may be used as a reference during the final demonstration evaluated by the faculty group.