Raw Data Sheet

Student Name:	
Team members: 1	2
3	4
Instructor:	

Orbiting Puck

Follow the instructions on page 55 of the lab manual and collect the following information below.

- 1. Mass of the puck: _____
- 2. Spark frequency: _____
- 3. Record the semi-major (r_{max}) and the semi-minor (r_{min}) axes.

*r*_{max}: _____ *r*_{min}: _____

4. Record the distance between the two adjacent dots at $r_{\rm max}$ and $r_{\rm min}$.

At r_{max} : _____ At r_{\min} : _____

Changing of Moment of Inertia

Follow the instructions on page 56 in the manual and record your observations.

1. Describe what happens after you re-orient the wheel in step 4.

2. Describe what happens after you re-orient the wheel in step 6.

3. Describe what happens after you re-orient the wheel in step 9.

4. Describe what happens after you re-orient the wheel in step 10.

5. Describe what happens after you stop the wheel in step 11.

6. Describe what happens after you re-orient the wheel in step 13.