

RIT CLEAN SNOWMOBILE NEWSLETTER

February 2023



COMPETITION HIGHLIGHTS:

1st place event finishes

1. Design Paper, with an average score of 73.8
2. Sales Presentation, with an average score of 83.9
3. Subjective Handling

2nd place event finishes

1. Acceleration- 6.65 seconds to cover 500 ft
2. Engineering Technical Presentation, with an average score of 69.0

Passed Cold Start – Sled started and moved 500ft within 1.5 minutes of starting after being left outside overnight

14 members attended competition!



FOREWORD

Apologies for missing you in January! Our team was fully focused on preparing for the competition, which took place on February 7-9th. We submitted our Engineering Design Paper a month prior to the start of the competition, as per SAE's guidelines. In the two weeks leading up to the competition, several team members delivered three presentations to judges: the Engineering Design Presentation, Value-Benefit Analysis Presentation, and Sales Presentation. The presenters put in a tremendous effort, refining and rehearsing their parts for multiple days before delivering their presentations. Thanks to their outstanding performance, we secured first place in the Sales Presentation and second place in the Engineering Design Presentation!

TEAM AFFAIRS

Following the completion of our competition a few weeks ago, our team has resumed work on multiple projects. As we make more progress this semester, we'll have more time and resources available in the fall to pursue new interests.

During our meeting on February 25th, team members shared project proposals and exchanged ideas. There were many fantastic suggestions, and communication between different projects which led to the development of new ideas. Additionally, at our meeting on March 4th, we made constitutional changes to establish a clearer structure for executive board elections. The election process started, giving members two weeks to declare their candidacy for the Eboard. On March 25th, we'll hold elections to select a new executive board, which will assume power after the spring semester.

COMPETITION REVIEW

After the completion of the 2023 SAE Clean Snowmobile Challenge, we are proud to announce that the team achieved 5th place in the Spark Ignition (gasoline) class. Though not the highest placement the team has received, this was the first year our team has gotten first in any individual events, let alone three!

On the first day of competition, we passed technical inspection and completed the weight category and in-service emissions events first. The second day saw us complete the cold-start, endurance, and noise categories. On the third day, we participated in handling and awards. The competition was an incredible experience, and we made numerous industry and team connections.