



STUDENT SUSTAINABILITY COMMITTEE

Funding Award and Acceptance Letter

February 17th, 2023

Project: **Eco Illini Tools and Outreach Events**

Dear **Vineet Patel**,

On behalf of the University of Illinois at Urbana-Champaign Student Sustainability Committee (SSC), we would like to thank you for initiating a project that improves the sustainability of our campus. SSC is pleased to inform you that your project will receive **\$10,000.00** in grant funding.

In order to remain eligible for this award, you must agree to the following conditions:

1. The project must be completed within two years. A final report of all work completed should be provided to the SSC Assistant Director by **February 17th, 2025**.
2. Project status updates and detailed account statements must be provided at the end of each semester, in the method requested, until the project is completed.
3. The Contact Person will be individually responsible for all official communication and the execution of this agreement.
4. The awardee will take the appropriate steps to create a CFOP with OBFS UAFR University Accounting Services. The CFOP provided for this award shall strictly be used for the money awarded in this proposal.
5. Any substantial modifications to project scope, budget, or timeline must first be approved by SSC. These requests must be submitted in a formal letter to the Chair and the Assistant Director.
6. All projects will be expected to follow campus policies and procedures as well as any applicable State and Federal laws.
7. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
8. Any press releases or educational/promotional materials involving the project should acknowledge SSC funding.
9. Any signage involving the project or events surrounding this project should include SSC's logo and/or a statement of which fee funded the project. Projects must coordinate with SSC to ensure promotion appropriately highlights the SSC's contributions to the project.

If you agree to the terms and conditions for the funding, please sign on the designated line at the bottom of this letter. If you have any questions regarding these requirements please contact the SSC, at sustainability-committee@illinois.edu. You will be notified when the Institute for Sustainability, Energy, and Environment and Vice Chancellor for Student Affairs officially approves this project. Again, thank you for your interest in improving the sustainability of the University of Illinois at Urbana-Champaign. We look forward to working with you in the future.



STUDENT SUSTAINABILITY COMMITTEE

SSC Signatories

Jack Reicherts

Jack Reicherts, Chair
Student Sustainability Committee

Awardee Signatory

Vineet Patel

Vineet Patel
Applicant

**Faculty or Staff Project Advisor
(for Student-Led Projects)**

Mike Philpott

Dr. Michael Philpott
Faculty/Staff Project Advisor

iSEE Signatory

Madhu Khanna

Dr. Madhu Khanna, Director
Institute for Sustainability, Energy & Environment

Student Affairs Signatory

Danita M Brown Young

Dr. Danita Brown Young, Vice Chancellor
Division of Student Affairs



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Project Information

Project: Eco Illini Tools and Outreach Events

Funding Source:

Cleaner Energy Technologies Fee (302571)

Sustainable Campus Environment Fee (303692)

Funding Amount: \$10,000.00

Receiving Campus Unit: Mechanical Engineering

Unit Financial Contact: Sarah Power

E-mail: sfpower2@illinois.edu

Project Description:

Eco Illini Supermileage is a student design team that competes twice a year to design and build the most efficient vehicle possible. We currently hold the school records for most efficient gasoline and battery-electric vehicle with 1137 MPG and 152 Mi/KWh respectively. Designing, developing, and constructing these complex supermileage vehicles requires a plethora of modern tools.

Outreach is an important aspect of our organization, and we are continually finding new ways to continue to promote a sustainability and an efficiency-focused mindset in engineering. To pursue this, we teach students on campus how to use advanced tools and techniques in order to inspire them to design, develop, and construct more sustainable and efficient systems and impact their future careers. We also focus on exposing others on campus to the benefits of sustainable engineering through outreach events. The tangible goal of this project will be to host a driving day with our new vehicle and the equipment we have purchased. We will invite members of the community including other SSC clubs and other vehicle teams.

This proposal directly funds:

- Tools: \$7,270
 - Thermal Imaging Camera
 - Wireless Jigsaw
 - Tap and Die Set
 - End Mills



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- Optical Tachometer
- Telescoping Gauge Set
- High Voltage Differential Probe
- Hall Effect Current Probe
- General Purpose Multimeter
- Lab Use High Performance Multimeter
- Husky Tool Chest
- HVLP Spray Gun
- CNC Plasma Cutter Table
- Laser Level
- Nibbler
- Chain Tool
- Metric Drill Bits
- Dial Test Indicator
- Machinist Level
- Angle Grinder
- Bench Vise
- Center Punch
- Broach Set
- Outreach: \$2,730
 - Portable Electric Power Station
 - Utility Carts
 - Pop Up Canopy
 - Heavy Duty Extension Cords
 - Folding Chairs