

**The 30<sup>TH</sup> Annual Intelligent Ground Vehicle Competition**  
**Oakland University**  
**Rochester, Michigan**  
**June 2<sup>nd</sup>-5<sup>th</sup>, 2023**

**Auto-Nav Challenge**

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| 1. University of Oklahoma<br>Distance: Completed course, 497ft<br>Time: 2:19<br>Award: \$3000<br>Grand Award Points: 24                  | Team: Weeb Wagon |
| 2. Millersville University of Pennsylvania<br>Distance: Completed course, 497ft<br>Time: 4:20<br>Award: \$2000<br>Grand Award Points: 20 | Team: ALiEN 4.0  |
| 3. Manipal Academy of Higher Education<br>Distance: 416ft<br>Time: 5:00<br>Award: \$1500<br>Grand Award Points: 8                        | Team: OTTO       |
| 4. Gannon University<br>Distance: 304ft<br>Time: 5:00<br>Award: \$1000<br>Grand Award Points: 6  | Team: Steve      |
| 5. Cedarville University<br>Distance: 302ft<br>Time: 3:35<br>Award: \$750<br>Grand Award Points: 4                                       | Team: Delta Bee  |
| 6. Hosei University<br>Distance: 174ft<br>Time: 4:02<br>Did not attain a ramp waypoint.<br>Grand Award Points: 2                         | Team: Orange2023 |
| 7. SVKM's NMIMS Mukesh Patel S of Technology<br>Distance: 173ft<br>Time: 1:50  | Team: SOCRATES 2 |

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| 8. Wayne State University Engineering<br>Distance: 137ft<br>Time: 3:42     | Team: Karina     |
| 9. Lawrence Technological University<br>Distance: 94ft<br>Time: 5:00       | Team: Blue       |
| 10. Indian Institute of Technology, Madras<br>Distance: 80ft<br>Time: 2:30 | Team: Vikram     |
| 11. Bob Jones University<br>Distance: 56ft<br>Time: 0:19                   | Team: Obed       |
| 12. Western Illinois University<br>Distance: 29ft<br>Time: 0:30            | Team: Rocky      |
| 13. University of Toronto<br>Distance: 25ft<br>Time: 0:30                  | Team: Caffeine   |
| 14. Ohio University<br>Distance: 15ft<br>Time: 0:20                        | Team: Pathfinder |
| 15. South Dakota S of Mines and Technology<br>Distance: 14ft<br>Time: 0:24 | Team: DRIVE-E    |
| 16. University of Michigan - Ann Arbor<br>Distance: 9ft<br>Time: 0:30      | Team: A.R.V.     |

### **Auto-Nav Design Competition Finals**

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| 1. Indian Institute of Technology, Madras<br>Award: \$2000<br>Grand Award Points: 12 | Team: Vikram   |
| 2. Memorial University<br>Award: \$500 (Did not qualify)<br>Grand Award Points: 5    | Team: B.O.A.T. |

3. University of Michigan - Ann Arbor  
Award: \$1000  
Grand Award Points: 8

Team: A.R.V.

4. Hosei University  
Award: \$750  
Grand Award Points: 6

Team: Orange2023

4. South Dakota S of Mines and Technology  
Award: \$750  
Grand Award Points: 6

Team: DRIVE-E

6. Wayne State University Engineering  
Award: \$250  
Grand Award Points: 2

Team: Karina

**Auto-Nav Design Competition, Design Group A:**

1. Memorial University of Newfoundland  
Score: 829/1400

2. South Dakota S of Mines and Technology  
Score: 805/1400

3. Manipal Academy of Higher Education  
Score: 770/1400

4. Delhi Technological University  
Score: 761/1400

5. Lawrence Technological University  
Score: 728/1400

6. Bob Jones University  
Score: 700/1400

7. Oakland University  
Score: 697/1400

8. Embry-Riddle Aeronautical University  
Score: 486/1400

**Auto-Nav Design Competition, Design Group B:**

1. Hosei University

Score: 1181/1400

2. University of Michigan - Ann Arbor

Score: 1161/1400

3. Millersville University of Pennsylvania

Score: 1110/1400

4. Cedarville University

Score: 1091/1400

5. University of Oklahoma

Score: 1079/1400

6. Western Illinois University

Score: 1058/1400

7. University of Texas at Arlington

Score: 1043/1400

8. University of Cincinnati

Score: 1008/1400

**Auto-Nav Design Competition, Design Group C:**

1. Indian Institute of Technology - Madras

Score: 1296/1400

2. Wayne State University Engineering

Score: 1220/1400

3. University of Toronto

Score: 1203/1400

4. Vellore Institute of Technology

Score: 1182/1400

5. SVKM's NMIMS Mukesh Patel S of Technology

Score: 1127/1400

6. Gannon University

Score: 1034/1400

7. Ohio University

Score: 706/1400

### **Self-Drive Challenge**

1. Lawrence Technological University  
Award: \$1000  
Did not complete course.  
Grand Award Points: 12

Team: ACTor

2. Cooper Union  
Award: \$800  
Did not complete course.  
Grand Award Points: 10

Team: CUber

3. Kettering University  
Did not qualify.

Team: KU-Bulldog

4. University of Detroit Mercy  
Did not qualify.

Team: E-Mobility

Ohio University  
Did not qualify.

Team: Bobcat Scout

Oklahoma State University  
Did not qualify.  
Grand Award Points: 0

Team: Cowboy Cruiser

### **Self-Drive Design Competition**

1. Lawrence Technological University  
Award: \$1000  
Grand Award Points: 12

Team: ACTor

2. Oklahoma State University  
Did not qualify.  
Grand Award Points: 5

Team: Cowboy Cruiser

3. Cooper Union  
Award: \$500  
Grand Award Points: 8

Team: CUber

4. Kettering University  
Did not qualify.  
Grand Award Points: 3

Team: KU-Bulldog

5. University of Detroit Mercy  
Did not qualify.  
Grand Award Points: 2

Team: E-Mobility

6. Ohio University  
Did not qualify.  
Grand Award Points: 1

Team: Bobcat Scout

### **Cyber Challenge**

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|---|------------------|
| 1. Indian Institute of Technology, Madras<br>Award: \$1500    | Team: Vikram     |
| 2. SVKM's NMIMS Mukesh Patel S of Technology<br>Award: \$1100 | Team: SOCRATES 2 |
| 3. Delhi Technological University<br>Award: \$900             | Team: Kurm       |

### **Rookie of the Year Award**

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|---|----------------------|
| South Dakota S of Mines and Technology (Auto-Nav)<br>Award: \$500 | Team: DRIVE-E        |
| Oklahoma State University (Self-Drive)<br>Award: \$500            | Team: Cowboy Cruiser |

### **Grand Award (SD = Self-Drive, AN = Auto-Nav)**

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| 1. University of Oklahoma AN<br>Award: Lescoe Cup<br>Grand Award Points: 24<br>Completed the Auto-Nav course multiple times. | Team: Weeb Wagon |
| 2. Lawrence Technological University SD<br>Award: Lescoe Trophy<br>Grand Award Points: 24                                    | Team: ACTor      |
| 3. Millersville University of Pennsylvania AN<br>Award: Lescoe Award<br>Grand Award Points: 20                               | Team: ALiEN 4.0  |
| 4. Cooper Union SD<br>Grand Award Points: 18   | Team: CUber      |
| 5. Indian Institute of Technology, Madras AN<br>Grand Award Points: 12   | Team: Vikram     |
| 6. Manipal Academy of Higher Education AN<br>Grand Award Points: 8   | Team: OTTO       |
| 6. Hosei University AN<br>Grand Award Points: 8  | Team: Orange2023 |
| 6. University of Michigan - Ann Arbor AN<br>Grand Award Points: 8  | Team: A.R.V.     |

9. Gannon University AN Grand Award Points: 6	Team: Steve
9. South Dakota S of Mines and Technology AN Grand Award Points: 6	Team: DRIVE-E
11 Oklahoma State University SD Grand Award Points: 5	Team: Cowboy Cruiser
11. Memorial University AN Grand Award Points: 5	Team: B.O.A.T.
13. Cedarville University AN Grand Award Points: 4	Team: Delta Bee
14. Kettering University SD Grand Award Points: 3	Team: KU-Bulldog
15. Wayne State University Engineering AN Grand Award Points: 2	Team: Karina
15. University of Detroit Mercy SD Grand Award Points: 2	Team: E-Mobility
17. Ohio University SD Grand Award Points: 1	Team: Bobcat Scout