# Auto-Nav Challenge

1. Boise State University  
   Team: Bender  
   Distance: 239ft  
   Award: $1000  
   Grand Award Points: 24

2. IIT Kharagpur  
   Team: Eklavya 7.0  
   Distance: 86ft  
   Award: $800  
   Grand Award Points: 20

3. IIT Kanpur  
   Team: Daksh  
   Distance: 77ft  
   Award: $600  
   Grand Award Points: 16

4. North Dakota State University  
   Team: Autonomous Bison  
   Distance: 75ft  
   Award: $500  
   Grand Award Points: 12

5. IIT Madras  
   Team: VIRAT  
   Distance: 60ft  
   Award: $400  
   Grand Award Points: 8

6. Embry-Riddle Aeronautical University  
   Team: DAISI-C  
   Distance: 55ft  
   Award: $300  
   Grand Award Points: 4

7. University of Cincinnati  
   Team: Dokalman MK2  
   Distance: 53ft

8. Rensselaer Polytechnic Institute  
   Team: Rock Raiders Rover  
   Distance: 48ft

9. Delhi Technological University  
   Team: Capella  
   Distance: 40ft
9. University of Detroit Mercy
   Team: Take 3
   Distance: 40ft

11. Georgia Technological University
    Team: Jessii
    Distance: 34ft

12. Manipal Institute of Technology
    Team: Solo
    Distance: 32ft

12. Ohio University
    Team: OU-Pathfinder
    Distance: 32ft

14. United States Military Academy
    Team: Ivan
    Distance: 18ft

Design Competition

Finalists
1. Georgia Institute of Technology
   Team: Jessii
   Score: 430.22/480
   Award: $3000
   Grand Award Points: 24

2. Manipal Institute of Technology
   Team: Solo
   Score: 417.11/480
   Award: $2000
   Grand Award Points: 20

3. Rensselaer Polytechnic Institute
   Team: Rock Raiders Rover
   Score: 406.67/480
   Award: $1000
   Grand Award Points: 16

4. Hosei University
   Team: Orange2019
   Score: 400.11/480
   Award: $750
   Grand Award Points: 12

5. The Citadel
   Team: Bender
   Score: 396.11/480
   Award: $200
   Grand Award Points: 4

6. IIT Madras
   Team: VIRAT
   Score: 383.33/480
Award: $250
Grand Award Points: 4

**Design Group A**
1. Manipal Institute of Technology  
   Score: 1248.33/1400  
   Team: Solo
2. Georgia Institute of Technology  
   Score: 1237.33/1400  
   Team: Jessii
3. Delhi Technological University  
   Score: 1224.33/1400  
   Team: Capella
4. Ohio University  
   Score: 1180.33/1400  
   Team: OU-Pathfinder
5. Oakland University  
   Score: 1122.00/1400  
   Team: Pinguino
6. University of Cincinnati  
   Score: 1103.33/1400  
   Team: Dokalman MK2
7. Indian Institute of Technology Kharagpur  
   Score: 1055.33/1400  
   Team: Eklavya 7.0
8. Case Western Reserve University  
   Score: 1049.67/1400  
   Team: Otto
9. Lawrence Technological University  
   Score: 1005.00/1400  
   Team: MARS
10. University of Detroit Mercy  
    Score: 947.33/1400  
    Team: Take 3

**Design Group B**
1. Hosei University  
   Score: 1269.33/1400  
   Team: Orange 2019
2. Rensselaer Polytechnic Institute  
   Score: 1261.00/1400  
   Team: Rock Raiders Rover
3. Embry-Riddle Aeronautical University  
   Score: 1245.67/1400  
   Team: DAISI-C
4. Boise State University  
   Score: 1201.00/1400  
   Team: Bender
5. United States Military Academy  
Team: Ivan  
Score: 1166.33/1400

6. North Dakota State University  
Team: Autonomous Bison  
Score: 1113.33/1400

7. University of Michigan-Ann Arbor  
Team: G.O.A.T.  
Score: 1059.67/1400

8. Indian Institute of Technology-Kanpur  
Team: Daksh  
Score: 969.00/1400

9. SRM Institute of Science & Technology  
Team: Maverick  
Score: 820.00/1400

10. University of Central Florida  
Team: Bowser  
Score: 663.33/1400

**Design Group C**

1. Indian Institute of Technology-Madras  
Team: VIRAT  
Score: 1311.67/1400

2. The Citadel  
Team: Bender  
Score: 1287.00/1400

3. Old Dominion University  
Team: IGOR  
Score: 1191.33/1400

4. Delhi Technological University  
Team: Centaur  
Score: 1180.33/1400

5. Gannon University  
Team: MacroMouse  
Score: 1150.67/1400

6. Millersville University  
Team: A.L.I.E.N.  
Score: 1126.00/1400

7. Western Illinois University  
Team: Mystery Machine  
Score: 1081.33/1400

8. Wayne State University  
Team: Joy  
Score: 991.00/1400

9. Rochester Institute of Technology  
Team: AMOS  
Score: 925.67/1400

10. Trinity College  
Team: SQRL
IOP Challenge
1. Manipal Institute of Technology Award: $1500 Team: Solo
2. IIT Madras Award: $1000 Team: VIRAT
3. IIT Kanpur Award: $500 Team: Daksh
4. University of Detroit Mercy Award: $350 Team: Take 3
5. Hosei University Award: $250 Team: Orange 2019
6. Embry-Riddle Aeronautical University Award: $150 Team: DAISI-C

Cyber Challenge
1. Bob Jones University Award: $1500 Team: Bruin 3
2. Old Dominion University Award: $1100 Team: IGOR
3. Delhi Technological University Award: $900 Team: Capella
4. IIT Kanpur Award: $700 Team: Daksh
5. Delhi Technological University Award: $500 Team: Centaur
6. Manipal Institute of Technology Award: $300 Team: Solo

Self-Drive Challenge
1. Lawrence Technological University Award: $2000 Team: ACTor
2. Embry-Riddle Aeronautical University Team: A-REX
Award: $1500
3. Bob Jones University
Award: $1000
Team: Bruin 3
4. Oakland University
Award: $750
Team: Nightmare
5. University of Detroit Mercy
Award: $600
Team: Titan Express
6. United States Military Academy
Award: $400
Team: Ghost Driver
7. New York University
Team: Little Beetle

**Rookie of the Year Award**
Rensselaer Polytechnic Institute
Award: $500
Team: Rock Raiders Rover

**Grand Award**
1. Manipal Institute of Technology
Award: Lescoe Cup
Team: Solo
2. IIT Kanpur
Award: Lescoe Trophy
Team: Daksh
2. IIT Madras
Award: Lescoe Trophy
Team: VIRAT
3. Georgia Institute of Technology
Award: Lescoe Award
Team: Jessii
3. Boise State University
Award: Lescoe Award
Team: Bender
4. IIT Kharagpur
Team: Eklavya 7.0
4. Hosei University
Team: Orange 2019
5. Rensselaer Polytechnic Institute
Team: Rock Raiders Rover
5. Delhi Technological University
Team: Capella
6. North Dakota State University
Team: Autonomous Bison
6. Bob Jones University  Team: Bruin 3
7. Old Dominion University  Team: IGOR
8. Embry-Riddle Aeronautical University  Team: DAISI-C
8. University of Detroit Mercy  Team: Take 3
9. The Citadel  Team: Bender
9. Delhi Technological University  Team: Centaur