

Micro Class Final Technical Design Report Results

2019 Aero West

| Pos. | # | University | Country | REQ | DRW | TDS | Avg. Rpt | Sub Total | Late Report Penalty | Factor | Total |
|------|-----|--|---------------|--------|--------|--------|----------|-----------|---------------------|--------|---------|
| 1 | 323 | Wright State Univ | United States | 4.5000 | 4.9400 | 5.0000 | 27.4785 | 41.9185 | 0.00 | 1.00 | 41.9185 |
| 2 | 320 | Dayananda Sagar College of Engineering | India | 4.5000 | 4.5600 | 5.0000 | 24.7333 | 38.7933 | 0.00 | 1.00 | 38.7933 |
| 3 | 313 | Univ of Puerto Rico-Mayaquez | United States | 4.0000 | 4.5500 | 5.0000 | 23.9155 | 37.4655 | 0.00 | 1.00 | 37.4655 |
| 4 | 321 | Sri Jayachamarajendra College of Engrg | India | 3.2500 | 2.9000 | 5.0000 | 25.4742 | 36.6242 | 0.00 | 1.00 | 36.6242 |
| 5 | 311 | Rzeszow University of Technology | Poland | 5.0000 | 4.5500 | 3.5000 | 22.6368 | 35.6868 | 0.00 | 1.00 | 35.6868 |
| 6 | 328 | Univ of Minnesota - Twin Cities | United States | 5.0000 | 4.5900 | 3.5000 | 21.0747 | 34.1647 | 0.00 | 1.00 | 34.1647 |
| 7 | 314 | Jyothy Institute of Technology | India | 4.5000 | 3.9100 | 5.0000 | 19.7808 | 33.1908 | 0.00 | 1.00 | 33.1908 |
| 8 | 301 | Xi'an Jiaotong Univ | China | 5.0000 | 4.9100 | 5.0000 | 17.6843 | 32.5943 | 0.00 | 1.00 | 32.5943 |
| 9 | 318 | Sahyadri College of Engineering & Mgmt | India | 4.0000 | 2.8300 | 5.0000 | 20.4493 | 32.2793 | 0.00 | 1.00 | 32.2793 |
| 10 | 312 | Warsaw University of Technology | Poland | 4.5000 | 4.5900 | 5.0000 | 17.9830 | 32.0730 | 0.00 | 1.00 | 32.0730 |
| 11 | 302 | Wroclaw University of Technology | Poland | 4.0000 | 4.6200 | 3.5000 | 19.4192 | 31.5392 | 0.00 | 1.00 | 31.5392 |
| 12 | 303 | Union College | United States | 5.0000 | 4.9600 | 3.5000 | 15.6112 | 29.0712 | 0.00 | 1.00 | 29.0712 |
| 13 | 329 | Northern Arizona Univ | United States | 4.2500 | 3.5500 | 3.5000 | 17.5117 | 28.8117 | 0.00 | 1.00 | 28.8117 |
| 14 | 317 | Vellore Institute of Technology | India | 3.2500 | 2.3400 | 5.0000 | 20.3700 | 30.9600 | 5.00 | 1.00 | 25.9600 |
| 15 | 322 | SRM Engineering College | India | 4.5000 | 3.6800 | 3.5000 | 13.9685 | 25.6485 | 0.00 | 1.00 | 25.6485 |
| 16 | 324 | South Dakota School of Mines & Tech | United States | 3.5000 | 4.0300 | 2.3500 | 15.7500 | 25.6300 | 0.00 | 1.00 | 25.6300 |
| 17 | 319 | Ryerson Univ | Canada | 4.0000 | 4.6300 | 0.9500 | 11.6223 | 21.2023 | 0.00 | 1.00 | 21.2023 |
| 18 | 325 | Acharya Institute of Technology | India | 1.7500 | 2.3500 | 2.1500 | 7.9473 | 14.1973 | 10.00 | 1.00 | 4.1973 |

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Micro Class Final Technical Presentation Results

2019 Aero West

| Pos. | # | University | Country | Score #1 | Score #2 | Score #3 | Avg. Score | Total |
|------|-----|--|---------------|----------|----------|----------|------------|---------|
| 1 | 320 | Dayananda Sagar College of Engineering | India | 44.0000 | 50.0000 | 48.3500 | 47.4500 | 47.4500 |
| 2 | 311 | Rzeszow University of Technology | Poland | 46.6500 | 47.8000 | 45.0000 | 46.4833 | 46.4833 |
| 3 | 302 | Wroclaw University of Technology | Poland | 47.8500 | 47.6500 | 43.6000 | 46.3667 | 46.3667 |
| 4 | 301 | Xi'an Jiaotong Univ | China | 46.8500 | 41.3000 | 46.5500 | 44.9000 | 44.9000 |
| 5 | 318 | Sahyadri College of Engineering & Mgmt | India | 48.6500 | 44.0500 | 39.0000 | 43.9000 | 43.9000 |
| 6 | 322 | SRM Engineering College | India | 38.5000 | 47.2500 | 42.7500 | 42.8333 | 42.8333 |
| 7 | 328 | Univ of Minnesota - Twin Cities | United States | 50.0000 | 37.8000 | 39.3500 | 42.3833 | 42.3833 |
| 8 | 313 | Univ of Puerto Rico-Mayaquez | United States | 39.6000 | 40.1500 | 46.9000 | 42.2167 | 42.2167 |
| 9 | 312 | Warsaw University of Technology | Poland | 42.4000 | 41.0000 | 39.0000 | 40.8000 | 40.8000 |
| 10 | 314 | Jyothy Institute of Technology | India | 40.8000 | 39.3500 | 38.5500 | 39.5667 | 39.5667 |
| 11 | 323 | Wright State Univ | United States | 39.1000 | 37.1000 | 34.5000 | 36.9000 | 36.9000 |

| | | | | | | | | |
|----|-----|--|---------------|---------|---------|---------|---------|---------|
| 12 | 321 | Sri Jayachamarajendra College of Engrg | India | 35.3500 | 37.2500 | 36.4500 | 36.3500 | 36.3500 |
| 13 | 317 | Vellore Institute of Technology | India | 37.7000 | 37.6000 | 33.5000 | 36.2667 | 36.2667 |
| 14 | 303 | Union College | United States | 35.2000 | 34.4500 | 27.3000 | 32.3167 | 32.3167 |
| 15 | 319 | Ryerson Univ | Canada | 29.0000 | 31.8500 | 31.2000 | 30.6833 | 30.6833 |
| 16 | 329 | Northern Arizona Univ | United States | 31.4500 | 28.7500 | 31.4500 | 30.5500 | 30.5500 |
| 17 | 325 | Acharya Institute of Technology | India | 27.0000 | 22.0500 | 23.4000 | 24.1500 | 24.1500 |
| 18 | 324 | South Dakota School of Mines & Tech | United States | 25.0000 | 18.8500 | 22.5000 | 22.1167 | 22.1167 |

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Micro Class Round 6 Mission Performance Results

2019 Aero West

| Pos. | # | University | Country | Demonstration | Round 1 | Round 2 | Round 3 | Round 4 | Round 5 | Round 6 | Max Round Score | Final Flight Score | Normalized Flight Score |
|------|-----|--|---------------|---------------|---------|---------|---------|---------|---------|---------|-----------------|--------------------|-------------------------|
| 1 | 301 | Xi'an Jiaotong Univ | China | 10.0019 | 0.0000 | 0.0000 | 2.4448 | 3.2468 | 2.4028 | 1.2084 | 3.2468 | 57.9746 | 57.9746 |
| 2 | 312 | Warsaw University of Technology | Poland | 3.0293 | 3.2654 | 0.0000 | 3.2763 | 3.2216 | 3.2498 | 0.0000 | 3.2763 | 57.4804 | 57.4804 |
| 3 | 302 | Wroclaw University of Technology | Poland | 2.4840 | 1.5920 | 0.0000 | 2.9749 | 2.9523 | 2.9523 | 0.0000 | 2.9749 | 49.6857 | 49.6857 |
| 4 | 311 | Rzeszow University of Technology | Poland | 0.0190 | 1.3799 | 0.0000 | 2.8001 | 2.8132 | 2.8037 | 2.8037 | 2.8132 | 49.1520 | 49.1520 |
| 5 | 314 | Jyothy Institute of Technology | India | 0.0000 | 1.0958 | 2.3182 | 0.0000 | 2.2273 | 2.2318 | 0.0000 | 2.3182 | 31.3035 | 31.3035 |
| 6 | 303 | Union College | United States | 0.0000 | 0.0000 | 1.2313 | 0.0000 | 1.8716 | 0.0000 | 1.4555 | 1.8716 | 21.3138 | 21.3138 |
| 7 | 323 | Wright State Univ | United States | 14.1157 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.5276 | 0.0000 | 0.5276 | 20.2716 | 20.2716 |
| 8 | 313 | Univ of Puerto Rico-Mayaquez | United States | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 1.6056 | 1.5338 | 0.0000 | 1.6056 | 16.2879 | 16.2879 |
| 9 | 318 | Sahyadri College of Engineering & Mgmt | India | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 1.6455 | 1.6455 | 14.1973 | 14.1973 |
| 10 | 325 | Acharya Institute of Technology | India | 0.0000 | 0.0000 | 0.0000 | 0.4174 | 0.8347 | 0.8327 | 0.8335 | 0.8347 | 8.2111 | 8.2111 |
| 11 | 328 | Univ of Minnesota - Twin Cities | United States | 0.8687 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0981 | 0.0000 | 0.0981 | 2.0135 | 2.0135 |
| 12 | 317 | Vellore Institute of Technology | India | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.5779 | 0.5779 | 1.7424 | 1.7424 |
| --- | 321 | Sri Jayachamarajendra College of Engrg | India | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0765 | 0.3823 | 0.3823 | -0.4127 | -0.4127 |
| --- | 329 | Northern Arizona Univ | United States | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | -5.0000 | -5.0000 |
| --- | 322 | SRM Engineering College | India | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | -5.0000 | -5.0000 |
| --- | 324 | South Dakota School of Mines & Tech | United States | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | -5.0000 | -5.0000 |
| --- | 319 | Ryerson Univ | Canada | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | -5.0000 | -5.0000 |
| --- | 320 | Dayananda Sagar College of Engineering | India | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | -5.0000 | -5.0000 |

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Micro Class Overall Results (Round 6)

2019 Aero West

| Pos. | # | University | Country | Design | Presentation | Mission Performance | Penalties | Total |
|------|-----|----------------------------------|---------|---------|--------------|---------------------|-----------|----------|
| 1 | 301 | Xi'an Jiaotong Univ | China | 32.5943 | 44.9000 | 57.9746 | -0.0 | 135.4690 |
| 2 | 311 | Rzeszow University of Technology | Poland | 35.6868 | 46.4833 | 49.1520 | -0.0 | 131.3222 |
| 3 | 312 | Warsaw University of Technology | Poland | 32.0730 | 40.8000 | 57.4804 | -0.5 | 129.8534 |

| | | | | | | | | |
|----|-----|--|---------------|---------|---------|---------|------|----------|
| 4 | 302 | Wroclaw University of Technology | Poland | 31.5392 | 46.3667 | 49.6857 | -0.0 | 127.5915 |
| 5 | 314 | Jyothy Institute of Technology | India | 33.1908 | 39.5667 | 31.3035 | -0.0 | 104.0610 |
| 6 | 323 | Wright State Univ | United States | 41.9185 | 36.9000 | 20.2716 | -0.5 | 98.5901 |
| 7 | 313 | Univ of Puerto Rico-Mayaquez | United States | 37.4655 | 42.2167 | 16.2879 | -0.0 | 95.9701 |
| 8 | 318 | Sahyadri College of Engineering & Mgmt | India | 32.2793 | 43.9000 | 14.1973 | -0.0 | 90.3767 |
| 9 | 303 | Union College | United States | 29.0712 | 32.3167 | 21.3138 | -0.0 | 82.7016 |
| 10 | 320 | Dayananda Sagar College of Engineering | India | 38.7933 | 47.4500 | -5.0000 | -0.0 | 81.2433 |
| 11 | 328 | Univ of Minnesota - Twin Cities | United States | 34.1647 | 42.3833 | 2.0135 | -5.0 | 73.5615 |
| 12 | 321 | Sri Jayachamarajendra College of Engrg | India | 36.6242 | 36.3500 | -0.4127 | -0.5 | 72.0615 |
| 13 | 317 | Vellore Institute of Technology | India | 25.9600 | 36.2667 | 1.7424 | -0.0 | 63.9691 |
| 14 | 322 | SRM Engineering College | India | 25.6485 | 42.8333 | -5.0000 | -0.0 | 63.4818 |
| 15 | 329 | Northern Arizona Univ | United States | 28.8117 | 30.5500 | -5.0000 | -2.0 | 52.3617 |
| 16 | 319 | Ryerson Univ | Canada | 21.2023 | 30.6833 | -5.0000 | -0.0 | 46.8857 |
| 17 | 324 | South Dakota School of Mines & Tech | United States | 25.6300 | 22.1167 | -5.0000 | -1.0 | 41.7467 |
| 18 | 325 | Acharya Institute of Technology | India | 4.1973 | 24.1500 | 8.2111 | -0.5 | 36.0585 |

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