



Project: HeisenBird

MIST DBF 2026

Representing Bangladesh at AIAA Design/Build/Fly (DBF) 2026, Wichita, Kansas, USA



 DBF 2025, Tucson, Arizona, USA

www.mistdbf.com

LEGACY WE CARRY ON



MIST DBF



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American Institute of Aeronautics & Astronautics

The American Institute of Aeronautics and Astronautics (AIAA) is the world's foremost professional organization dedicated to the advancement of aerospace science, engineering, and technology. Established in 1963, AIAA serves as a global platform connecting academia, industry, and government. Through internationally recognized conferences, technical publications, standards development, and flagship competitions such as DBF, AIAA drives innovation while developing the next generation of aerospace leaders.

Design, Build & Fly

The Design, Build, and Fly (DBF) competition, organized by the American Institute of Aeronautics and Astronautics (AIAA), is a renowned international event. It challenges university teams to design, build, and fly RC aircraft, emphasizing innovation and engineering excellence. Held annually in the United States, DBF cultivates practical skills and teamwork, preparing future engineers for the aerospace industry while fostering innovation and excellence.

OUR LEGACY



DBF 2024

Achieved **2nd place** in South Asia, 4th in Asia, and 71st globally in the total score category of the AIAA Design/Build/Fly (DBF) 2024 competition.

DBF 2025

Secured **1st place** in South Asia (**Flight Mission Score Category**) at the AIAA Design/Build/Fly (DBF) 2025 competition, placing 2nd in South Asia, 4th in Asia, and **39th worldwide** in overall scoring



2025-26 DBF Proposal Scores Results		
Order	University	Score
1	Royal Melbourne Institute of Technology	86
2	University of California, San Diego	86
3	University of Arkansas	85
4	University of Kentucky - Paducah	85
5	Universidad de Antioquia	84
6	University of Notre Dame	84
7	San Jose State University	83
8	Santa Clara University	83
9	University of Michigan - Ann Arbor	83
10	University of Southern California	83
11	Vellore Institute of Technology- Vellore	83
12	Aviation and Aerospace University, Bangladesh	82
13	The University of Akron	82
14	University of Washington-Seattle	82
15	California State University, Long Beach	81
16	University of Central Florida	81
17	University of Houston	80
18	Military Institute of Science and Technology	80
19	The University of Kansas	80
20	Mukesh Patel School of Technology Management & Engineering, Mumbai	79

DBF 2026

Secured **18th place** worldwide in the DBF 2026 Proposal Round with a score of 80/100, the highest in MIST DBF Team history. The team aims to achieve even stronger results in the upcoming Design Report and Fly-Off phases.

- MIST began its participation in the AIAA Design Build Fly (DBF) competition in 2013 and has consistently competed in subsequent years, notably in 2014, 2019, 2022, and 2023.

WHY BACK OUR VISION?

• *Foster Competitive Excellence*

By sponsoring our participation in DBF 2026, partner organizations gain the opportunity to:

- Identify and engage future aerospace engineering talent through real-world aircraft design, manufacturing, and flight testing challenges
 - Evaluate practical engineering skills beyond the classroom, including teamwork, innovation, decision-making, and execution under competitive constraints
 - Demonstrate active involvement in nurturing young engineers, strengthening employer branding and long-term talent pipelines
 - Support hands-on engineering projects that inspire innovation, creativity, and technical excellence among students
 - Enable our team to represent engineering capability on an international platform, highlighting both student potential and sponsor support at a global level

• *Media Coverage:*

Our team's achievements have received coverage from leading national media outlets, including The Daily Star and Prothom Alo, generating strong public visibility and credibility. Through university platforms, engineering communities, and digital media, our participation in DBF continues to attract attention from students, professionals, and industry stakeholders. Sponsor brands will be consistently highlighted alongside these achievements across our outreach channels.

CATEGORIES

- › Department Home
- › All Posts
- › Lab Facilities
- › Conferences, Seminars & Workshops
- › Extracurricular Activities
- › Notable Achievements
- › Contests
- › Research Groups

TEAM MEGHDOOT ACHIEVED SOUTH ASIA'S TOP FLIGHT MISSION SCORE AT AIAA DESIGN/BUILD/FLY 2025, ARIZONA, USA

📅 10th Apr 2025 / 📁 Notable Achievements



Team MEGHDOOT from the Department of Aeronautical Engineering, Military Institute of Science and Technology (MIST), has marked a significant achievement at the AIAA Design/Build/Fly (DBF) 2025 competition. The team secured **39th position globally** among 112

Engineer's Diary, MIST
18 April · 🌐

Team **Meghdoot** from MIST secured **39th position** in the 29th **AIAA DBF (Design Build and Fly)** competition among 159 teams participating from all over the world. Notably, we have the Best **Mission Score of 2.29** among all the South Asian teams!

MIST team has also beaten & outscored some of the world's best engineering universities, including -

Massachusetts Institute of Technology (MIT), Stanford University, Cornell University, Boston University, Rowan University, University of Washington - Seattle, Purdue University (Main Campus), University of Maryland, University of Colorado Boulder, University of California, Irvine, University of California, San Diego, University Of Alabama, California State University, Long Beach, Utah State University, The Ohio State University, National University of Singapore, Seoul National University, Embry-Riddle Aeronautical University - Daytona Beach and so on.

AIAA - The American Institute of Aeronautics and Astronautics
MIST AIAA DBF Student Chapter

Official Ranking Link:
<https://aiaa.org/.../compet.../2025-dbf-competition-scoring/>

Rank	Team #	Team Name	Score	Rank	Team #	Team Name	Score
1	10	University of Alabama	53	20	10	The University of Alabama	53
2	11	University of Maryland, College Park (UMCP)	54	21	11	University of Maryland, College Park (UMCP)	54
3	12	Royal Melbourne Institute of Technology	55	22	12	Royal Melbourne Institute of Technology	55
4	13	Santa Clara University	56	23	13	Santa Clara University	56
5	14	The University of Akron	57	24	14	The University of Akron	57
6	15	Embry Riddle Aeronautical University, Daytona Beach	58	25	15	Embry Riddle Aeronautical University, Daytona Beach	58
7	16	Alexandria University	59	26	16	Alexandria University	59
8	17	University of California, Irvine	60	27	17	University of California, Irvine	60
9	18	Embry Riddle Aeronautical University, Daytona Beach	61	28	18	Embry Riddle Aeronautical University, Daytona Beach	61
10	19	University of Alabama	62	29	19	University of Alabama	62
11	20	University of Maryland, College Park (UMCP)	63	30	20	University of Maryland, College Park (UMCP)	63
12	21	Royal Melbourne Institute of Technology	64	31	21	Royal Melbourne Institute of Technology	64
13	22	Santa Clara University	65	32	22	Santa Clara University	65
14	23	The University of Akron	66	33	23	The University of Akron	66
15	24	Embry Riddle Aeronautical University, Daytona Beach	67	34	24	Embry Riddle Aeronautical University, Daytona Beach	67
16	25	Alexandria University	68	35	25	Alexandria University	68
17	26	University of California, Irvine	69	36	26	University of California, Irvine	69
18	27	Embry Riddle Aeronautical University, Daytona Beach	70	37	27	Embry Riddle Aeronautical University, Daytona Beach	70
19	28	University of Alabama	71	38	28	University of Alabama	71
20	29	University of Maryland, College Park (UMCP)	72	39	29	University of Maryland, College Park (UMCP)	72
21	30	Royal Melbourne Institute of Technology	73	40	30	Royal Melbourne Institute of Technology	73
22	31	Santa Clara University	74	41	31	Santa Clara University	74
23	32	The University of Akron	75	42	32	The University of Akron	75
24	33	Embry Riddle Aeronautical University, Daytona Beach	76	43	33	Embry Riddle Aeronautical University, Daytona Beach	76
25	34	Alexandria University	77	44	34	Alexandria University	77
26	35	University of California, Irvine	78	45	35	University of California, Irvine	78
27	36	Embry Riddle Aeronautical University, Daytona Beach	79	46	36	Embry Riddle Aeronautical University, Daytona Beach	79
28	37	University of Alabama	80	47	37	University of Alabama	80
29	38	University of Maryland, College Park (UMCP)	81	48	38	University of Maryland, College Park (UMCP)	81
30	39	Royal Melbourne Institute of Technology	82	49	39	Royal Melbourne Institute of Technology	82
31	40	Santa Clara University	83	50	40	Santa Clara University	83
32	41	The University of Akron	84	51	41	The University of Akron	84
33	42	Embry Riddle Aeronautical University, Daytona Beach	85	52	42	Embry Riddle Aeronautical University, Daytona Beach	85
34	43	Alexandria University	86	53	43	Alexandria University	86
35	44	University of California, Irvine	87	54	44	University of California, Irvine	87
36	45	Embry Riddle Aeronautical University, Daytona Beach	88	55	45	Embry Riddle Aeronautical University, Daytona Beach	88
37	46	University of Alabama	89	56	46	University of Alabama	89
38	47	University of Maryland, College Park (UMCP)	90	57	47	University of Maryland, College Park (UMCP)	90
39	48	Royal Melbourne Institute of Technology	91	58	48	Royal Melbourne Institute of Technology	91
40	49	Santa Clara University	92	59	49	Santa Clara University	92
41	50	The University of Akron	93	60	50	The University of Akron	93
42	51	Embry Riddle Aeronautical University, Daytona Beach	94	61	51	Embry Riddle Aeronautical University, Daytona Beach	94
43	52	Alexandria University	95	62	52	Alexandria University	95
44	53	University of California, Irvine	96	63	53	University of California, Irvine	96
45	54	Embry Riddle Aeronautical University, Daytona Beach	97	64	54	Embry Riddle Aeronautical University, Daytona Beach	97
46	55	University of Alabama	98	65	55	University of Alabama	98
47	56	University of Maryland, College Park (UMCP)	99	66	56	University of Maryland, College Park (UMCP)	99
48	57	Royal Melbourne Institute of Technology	100	67	57	Royal Melbourne Institute of Technology	100
49	58	Santa Clara University	101	68	58	Santa Clara University	101
50	59	The University of Akron	102	69	59	The University of Akron	102
51	60	Embry Riddle Aeronautical University, Daytona Beach	103	70	60	Embry Riddle Aeronautical University, Daytona Beach	103
52	61	Alexandria University	104	71	61	Alexandria University	104
53	62	University of California, Irvine	105	72	62	University of California, Irvine	105
54	63	Embry Riddle Aeronautical University, Daytona Beach	106	73	63	Embry Riddle Aeronautical University, Daytona Beach	106
55	64	University of Alabama	107	74	64	University of Alabama	107
56	65	University of Maryland, College Park (UMCP)	108	75	65	University of Maryland, College Park (UMCP)	108
57	66	Royal Melbourne Institute of Technology	109	76	66	Royal Melbourne Institute of Technology	109
58	67	Santa Clara University	110	77	67	Santa Clara University	110
59	68	The University of Akron	111	78	68	The University of Akron	111
60	69	Embry Riddle Aeronautical University, Daytona Beach	112	79	69	Embry Riddle Aeronautical University, Daytona Beach	112
61	70	Alexandria University	113	80	70	Alexandria University	113
62	71	University of California, Irvine	114	81	71	University of California, Irvine	114
63	72	Embry Riddle Aeronautical University, Daytona Beach	115	82	72	Embry Riddle Aeronautical University, Daytona Beach	115
64	73	University of Alabama	116	83	73	University of Alabama	116
65	74	University of Maryland, College Park (UMCP)	117	84	74	University of Maryland, College Park (UMCP)	117
66	75	Royal Melbourne Institute of Technology	118	85	75	Royal Melbourne Institute of Technology	118
67	76	Santa Clara University	119	86	76	Santa Clara University	119
68	77	The University of Akron	120	87	77	The University of Akron	120
69	78	Embry Riddle Aeronautical University, Daytona Beach	121	88	78	Embry Riddle Aeronautical University, Daytona Beach	121
70	79	Alexandria University	122	89	79	Alexandria University	122
71	80	University of California, Irvine	123	90	80	University of California, Irvine	123
72	81	Embry Riddle Aeronautical University, Daytona Beach	124	91	81	Embry Riddle Aeronautical University, Daytona Beach	124
73	82	University of Alabama	125	92	82	University of Alabama	125
74	83	University of Maryland, College Park (UMCP)	126	93	83	University of Maryland, College Park (UMCP)	126
75	84	Royal Melbourne Institute of Technology	127	94	84	Royal Melbourne Institute of Technology	127
76	85	Santa Clara University	128	95	85	Santa Clara University	128
77	86	The University of Akron	129	96	86	The University of Akron	129
78	87	Embry Riddle Aeronautical University, Daytona Beach	130	97	87	Embry Riddle Aeronautical University, Daytona Beach	130
79	88	Alexandria University	131	98	88	Alexandria University	131
80	89	University of California, Irvine	132	99	89	University of California, Irvine	132
81	90	Embry Riddle Aeronautical University, Daytona Beach	133	100	90	Embry Riddle Aeronautical University, Daytona Beach	133
82	91	University of Alabama	134	101	91	University of Alabama	134
83	92	University of Maryland, College Park (UMCP)	135	102	92	University of Maryland, College Park (UMCP)	135
84	93	Royal Melbourne Institute of Technology	136	103	93	Royal Melbourne Institute of Technology	136
85	94	Santa Clara University	137	104	94	Santa Clara University	137
86	95	The University of Akron	138	105	95	The University of Akron	138
87	96	Embry Riddle Aeronautical University, Daytona Beach	139	106	96	Embry Riddle Aeronautical University, Daytona Beach	139
88	97	Alexandria University	140	107	97	Alexandria University	140
89	98	University of California, Irvine	141	108	98	University of California, Irvine	141
90	99	Embry Riddle Aeronautical University, Daytona Beach	142	109	99	Embry Riddle Aeronautical University, Daytona Beach	142
91	100	University of Alabama	143	110	100	University of Alabama	143

The Daily Star

MIST ranks second among South Asian teams in international aircraft design competition

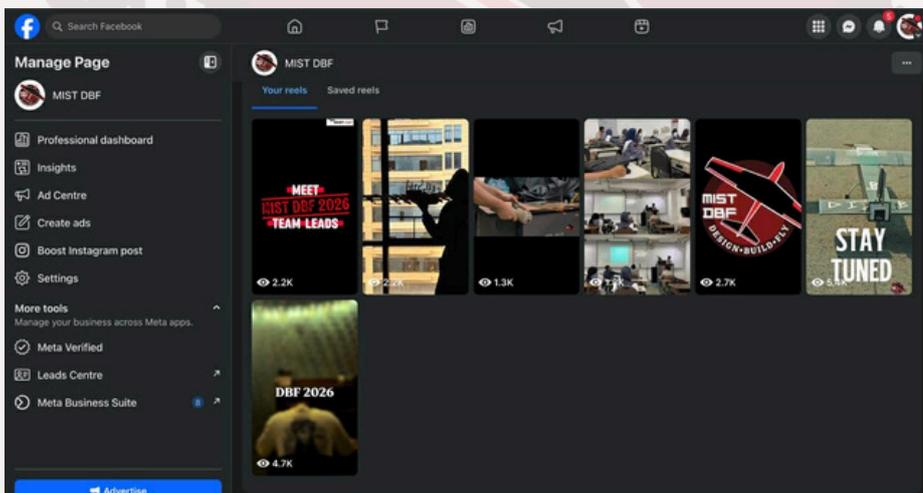
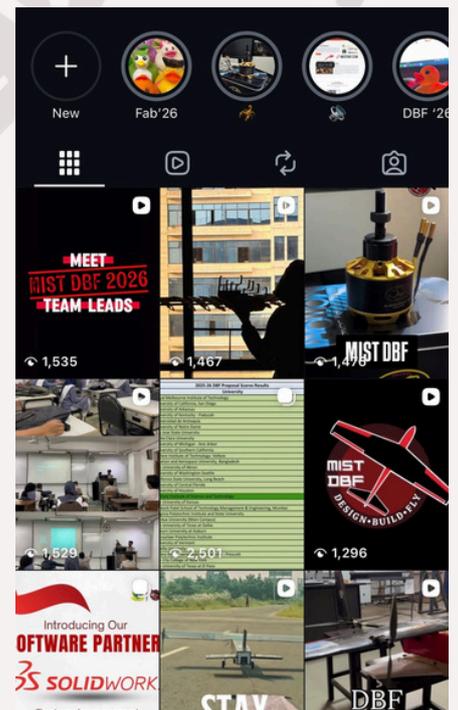


Photos: Courtesy

Team Novonil from Military Institute of Science and Technology (MIST) secured the second position among South Asian teams and fourth

• SOCIAL MEDIA PROMOTION

Our team maintains an active online presence through Facebook, Instagram, and our official website, where we regularly share project updates, design progress, and competition milestones. Our content reaches thousands of students, engineers, and industry professionals, providing sponsors with consistent visibility throughout our journey to DBF 2026. Sponsor branding will be featured across our digital platforms to maximize outreach and engagement.



- *Expanding Brand Reach:*

- Partner with one of Bangladesh's most elite student engineering teams
- Position your brand at the forefront of innovation and excellence
- Gain high-value visibility on a global competitive stage
- Directly engage with students, industry leaders, media, and policymakers
- Expand your brand's international reach through strategic promotion and global exposure.



DBF 2026 HIGHLIGHTS



Prototype 0



Prototype 1



Team MIST DBF 2026

Budget Breakdown

Expense Item	Details	Unit Cost (in BDT)	Quantity	Total Cost (in BDT)	Notes
Airfare for Fly-Off (15 Members)	Round trip airfare to the USA	2,00,000	15	30,00,000	Flight cost.
RC Aircraft Making Cost	Materials, components, and assembly	300,000	1	300,000	Total cost for building one aircraft.
Membership Fees (42 Members)	AIAA membership at \$11 per member	1,400	42	58,800	42 members, \$11 per member.
Prototype Making Cost	Materials, assembly, and testing	1,00,000	1	1,00,000	Cost for prototype creation.
Competition Fees	Registration and event participation	70,000	1	70,000	Fees for entering the competition
Hostel based lodging	Accommodation food and internal travel	1,00,000	15	15,00,000	Total cost for lodging and internal travel.
Miscellaneous Expenses	Other unforeseen costs	20,000	1	20,000	Buffer for additional costs.
Total Cost				50,48,800	Total expenses for the project.

Sponsorship Perks

BENEFITS	Title 15 lac Taka	Gold 10 lac Taka	Silver 5 lac Taka	Bronze 2 lac Taka
1. Logo on aircraft (scaled by sponsorship level)	✓	✓	✓	✓
2. Corporate mention in print and media	✓	✓	✓	✓
3. Promotional advertisement on social media platforms	✓	✓	✓	✓
4. Global social media promotion (Facebook, Instagram, LinkedIn, Twitter)	✓	✓	✓	✓
5. Company booth or display at MIST (size upon discussion)	✓	✓	✓	
6. Logo on team uniforms, posters, and badges	✓	✓	✓	
7. Company banner at MIST campus and event venue	✓	✓	✓	
8. Special mention in DBF competition coverage	✓	✓	✓	
9. Brand/product awareness campaign collaboration	✓	✓		

BENEFITS	Title 15 lac Taka	Gold 10 lac Taka	Silver 5 lac Taka	Bronze 2 lac Taka
10. Guest invitation to MIST campus events	✔	✔		
11. Travel opportunity with the team (Fly-Off)	✔			
12. Logo on crests and certificates	✔			
13. Advertisement on printed materials	Back Cover	Full Page (Color)	Half Page (Color)	Half Page (B&W)
Number of benefits	13	10	8	4

N.B. Sponsorship tiers, contribution amounts, and benefit packages are flexible and can be tailored in accordance with sponsor policies and preferences.



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