SAEINDIA - AeroTHON 2023
PHASE 2 - FINAL ROUND including FLIGHT TEST RESULTS

Team ID	Team Name	University / Institute	1.1 Aircraft Design Overview - Prototype UAV must be the same design as design submitted in Phase – 1	1.2 Aircraft Performance Overview (Conformance to submitted design in Phase 1)	1.3 Video of Autonomous Flight	2.1 Aircraft Dimensions Conformance to 2D Drawings Submitted during Phase – 1	2.2 Use of the Same Components Selected in Phase - 1	2.3 Take-off Weight Same as submitted in the design report	2.4 Structural Integrity	2.5 Other Checks	3.1 Hotspot Identification (4*5)	3.2 Take-off	3.3 Return to Take-off point and Land	3.4 Maintain Mission Altitude	3.5 Payload Drop Distance	3.6 Within Time Completion	4.1 Autonomous Take-off	4.2 Autonomous Flight - Maintain Flight Path (± 2 m)	4.3 Maintain Mission Altitude (± 2 m)	4.4 Autonomous Identification of Target	4.5 Autonomous Payload Drop	4.6 Payload Drop Distance	4.7 Autonomous Landing	4.8 Within Time Completion	Final Score (100 Points) [E = A + B + C + D]	Rank	Prize Category/Comments
AeroTHON 01	SFIT Tejas	St. Francis Institute of Technology	1.93	3.20	0.35	1.00	1.50	3.00	2.50	2.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.48	12	
AeroTHON 09	MPSTME AeroXperts	SVKM's NMIMS Mukesh Patel School of Technology Management and Engineering	2.30	3.25	0.67	1.00	1.30	2.00	2.40	1.80	20.00	2.00	1.00	1.00	0.00	1.00	0.00	1.00	2.00	0.00	0.00	0.00	1.50	0.00	44.22	6	
AeroTHON 15	PITTS CREEK	JANSONS Institute of Technology	1.73	2.19	1.63	0.50	1.50	0.00	2.50	2.00	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.04	14	
AeroTHON 17	Team Soaring Eagles	Siddaganga Instiute of Technology	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	
AeroTHON 24	Team ValorX	Pimpri Chinchwad College of Engineering and Research	2.19	4.75	1.75	1.00	1.50	3.00	2.50	2.00	20.00	2.00	1.00	1.00	0.00	1.00	15.00	2.00	2.00	3.00	3.00	0.00	0.00	3.00	71.69	3	**Third Place**
AeroTHON 25	STAR FLEET 2.0	Madan Mohan Malaviya University of Technology	2.09	4.93	1.88	1.00	1.40	3.00	1.40	2.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.69	9	
AeroTHON 31	AeroKLE	KLE Technological University	2.33	4.98	1.88	1.00	1.50	3.00	2.50	2.00	20.00	2.00	1.00	1.00	0.00	1.00	5.00	2.00	2.00	0.00	3.00	0.00	2.00	3.00	61.18	4	**Special Category - Autonomous Round**
AeroTHON 32	Friday	Indian Institute of Technology Madras	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	
AeroTHON 34	AIRHAVEN	Faculty of Engineering and Technology, JAIN (deemed-to-be-university)	2.20	5.05	1.83	1.00	1.50	3.00	1.80	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.38	10	**Special Category - Technical Presentation - Phase II**
AeroTHON 37	Albatross Reborn	Amrita School of Engineering	2.24	5.13	1.83	1.00	1.50	3.00	1.70	2.00	20.00	2.00	1.00	1.00	1.00	0.00	20.00	2.00	2.00	3.00	3.00	0.00	2.00	3.00	78.39	1	**First Place**
AeroTHON 38	DARKANGELS	Bannari Amman Institute of Technology	2.00	4.23	1.70	1.00	1.50	0.00	1.90	2.00	20.00	2.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.33	7	
AeroTHON 43	Team_UIET	University Institute of Engineering Technology	2.23	4.23	1.47	0.00	1.50	3.00	2.30	2.00	20.00	2.00	1.00	1.00	10.00	1.00	20.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	75.73	2	**Second Place**
AeroTHON 50	Team ViTrone	VIT Bhopal University	1.17	1.37	0.70	1.00	1.50	3.00	0.70	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.93	15	
AeroTHON 54	Team Autodrag	KIET Group of Institute Technnology	1.40	1.73	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	17	
AeroTHON 59	FLYING PHANTOMS	BMS College of Engineering	2.47	5.03	2.00	1.00	1.40	3.00	2.10	2.00	20.00	2.00	1.00	1.00	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.00	5	**Special Category -Manual Round**
AeroTHON 65	Quad Squad	BMS College of Engineering	2.03	2.80	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.50	16	
AeroTHON 66	Third Dimension	National Institute of Technology, Tiruchirappalli	2.27	4.50	1.67	1.00	1.50	3.00	1.70	2.00	0.00	2.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.63	8	
AeroTHON 67	Red Roc	Madras Institute of Technology	2.40	5.00	1.40	1.00	1.50	3.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.30	11	**Special Category - Design Report - Phase I**
AeroTHON 71	Vel-Tech Aero	Veltech Rangarajan DR. sagunthala Institute of Science	1.98	3.90	1.47	1.00	1.50	0.00	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.35	13	
AeroTHON 77	Albatross	PDPM Indian Institute of Information Technology Design and Manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**TEAM DISQUALIFIED DUE TO AIRFRAME DESIGN VIOLATION**