

AeroTHON2022 - Phase 1 Results

Top 20 teams will qualify for Phase II - Final Round

Team Number	Team Name	Institute / University	Technical Content [A]											Methodology for Autonomous Operation [B]			Innovation [C]	Design Report Score (90 points) [D-A+B+C]	Presentation [E]	Final Score (100 points) [P-D+E]	Rank	
			1.1 Conceptual Design	1.2 Preliminary Weight Estimation	1.3 Thrust Required Estimation & Propulsion System Selection	1.4 UAV Sizing	1.5 UAV Performance	1.6 Material Selection	1.7 Subsystem Selection	1.8 C.G. & Stability	1.9 Preliminary CAD	1.10 Computational Analysis	1.11 Optimized Final Design	1.12 Detailed Weight Breakdown, UAV Performance Recalculation	2.1 Autonomous Flight	2.2 Autonomous Identification of Target						2.3 Autonomous Payload Drop
AeroTHON 31	Star Fleet	Madan Mohan Malaviya University of Technology	2.00	4.00	5.00	8.67	9.33	4.00	4.67	4.00	5.00	5.00	5.00	9.67	2.33	3.00	2.67	8.67	83.00	8.00	91.00	1
AeroTHON 30	Carbon Wings	PDM Indian Institute of Information Technology, Design and Manufacturing	1.50	4.00	5.00	8.50	9.00	3.50	5.00	4.25	4.25	5.00	4.50	8.75	3.00	3.25	3.50	8.00	80.00	7.88	87.88	2
AeroTHON 29	Team UDAN	Jaipur College of Engineering	2.00	4.00	4.67	8.33	8.67	3.33	5.00	4.33	4.67	4.50	4.67	9.00	2.00	2.33	2.00	6.67	76.17	10.00	86.17	3
AeroTHON 47	SCRO	SRMIST	2.00	3.67	4.33	8.33	9.00	4.00	4.00	3.67	4.67	3.67	3.67	9.00	3.00	3.33	3.33	8.00	76.67	9.50	86.17	3
AeroTHON 07	MPSTME-Aerosparts	SVM NARM Mulash Patel School of Technology Management and Engineering	2.00	2.75	4.00	8.50	9.00	3.00	4.50	4.75	4.00	4.25	4.00	8.50	2.75	3.25	3.00	8.00	76.25	7.09	83.34	5
AeroTHON 14	INFINIX	GOVERNMENT ENGINEERING COLLEGE, THIRUSSUR	1.75	4.00	5.00	9.50	9.50	3.75	4.75	3.00	3.00	4.00	3.50	8.75	3.00	4.00	2.75	5.75	76.00	7.25	83.25	6
AeroTHON 50	AeroMIT	Manipal Institute of Technology	2.00	3.83	4.33	9.00	9.33	3.33	4.17	3.33	4.00	2.00	3.50	9.00	2.33	3.50	2.67	7.00	73.83	8.83	82.67	7
AeroTHON 48	AURA	HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE	2.00	3.00	4.50	9.50	8.25	3.75	4.25	4.13	5.00	3.50	2.38	8.25	2.50	2.75	2.00	7.75	73.50	8.92	82.42	8
AeroTHON 49	aeroKLE	KLE Technological University	2.00	3.67	3.67	9.00	8.33	3.67	4.50	3.33	4.50	3.83	4.00	9.33	2.00	2.67	2.17	5.67	72.33	9.83	82.17	9
AeroTHON 37	The Third Dimension Aeromodelling	National Institute of Technology Tiruchirappalli	1.75	2.50	4.00	7.50	8.00	4.00	4.25	1.75	4.50	4.75	3.75	7.25	2.88	3.88	3.00	8.00	71.75	10.00	81.75	10
AeroTHON 42	Robo-Kinesis	IT Jammu	2.00	4.00	4.25	8.50	9.00	3.50	4.00	3.50	3.75	4.00	4.00	9.25	2.00	3.00	2.00	7.75	74.50	7.00	81.50	11
AeroTHON 51	TEAM ARROW	Nirma University	2.00	3.67	4.17	8.67	8.67	3.67	4.00	3.33	4.00	4.33	3.67	8.67	2.50	3.17	2.67	6.00	73.17	7.67	80.83	12
AeroTHON 04	Team Ruav	RV College of Engineering	1.50	2.50	4.00	8.00	6.00	4.00	3.50	4.00	4.00	4.50	4.50	9.00	3.00	3.00	2.50	9.00	71.00	7.13	80.13	13
AeroTHON 10	FLYOVER	KGS COLLEGE OF TECHNOLOGY	1.33	3.00	3.33	8.67	8.33	3.33	4.00	4.00	3.67	4.00	4.67	8.00	2.00	3.33	2.33	9.00	73.00	6.17	79.17	14
AeroTHON 36	FALCON	CNR INSTITUTE OF TECHNOLOGY	2.00	3.50	5.00	7.50	9.50	3.00	5.00	4.00	4.00	4.00	4.00	8.50	2.50	1.50	1.50	6.50	72.00	6.88	78.88	15
AeroTHON 40	ATOM	SC Institute of Technology	2.00	4.00	4.33	8.17	8.33	3.00	5.00	2.00	4.17	3.33	4.00	8.00	2.50	2.83	2.00	7.00	70.67	7.92	78.58	16
AeroTHON 23	IARE ARDC LAKSHA	INSTITUTE OF AERONAUTICAL ENGINEERING	2.00	4.00	4.50	7.75	8.75	2.50	4.50	3.25	4.25	4.00	3.75	7.75	2.50	2.75	2.25	6.00	70.50	7.88	78.38	17
AeroTHON 06	Vayupratas	KLS Gogte Institute of Technology	2.00	3.00	4.00	8.33	9.00	3.00	3.33	4.00	4.00	4.00	4.00	8.33	2.67	3.33	2.67	7.00	72.67	5.68	78.34	18
AeroTHON 09	FLYING PHANTOMS	BMS College of Engineering	2.00	3.00	4.00	8.33	9.00	3.00	3.33	4.00	4.00	4.00	4.00	8.33	2.00	3.00	2.00	8.00	72.00	5.70	77.70	19
AeroTHON 20	Team Dronix	University of Petroleum and Energy Studies	2.00	4.00	4.75	8.25	9.50	3.00	4.75	3.75	4.50	2.75	3.75	8.00	2.00	2.00	2.00	8.25	70.25	5.50	75.75	20
AeroTHON 22	TEAM SOARING EAGLES	siddaganga institute of technology	2.00	3.67	4.33	7.67	8.33	3.33	3.50	3.67	4.33	3.67	3.67	7.00	2.00	2.33	2.00	6.00	66.33	8.75	75.08	21
AeroTHON 24	ARMSVALOUR	Bangalore Institute of Technology	1.75	3.25	4.13	7.00	7.75	2.75	4.25	2.50	4.00	3.25	3.50	7.50	2.75	3.50	2.75	6.75	67.38	7.38	74.75	22
AeroTHON 28	Ultra Instruct	Sri Ramakrishna Engineering College	2.00	3.67	5.00	8.00	9.00	3.33	4.33	3.67	4.67	1.33	4.00	8.33	0.67	0.67	1.33	7.00	67.00	6.83	73.83	23
AeroTHON 35	Mini Astra	Institute Of Aeronautical Engineering	1.83	3.33	3.83	7.33	8.00	3.00	3.83	3.83	4.33	3.33	3.33	7.83	2.00	2.83	2.00	6.67	67.33	6.00	73.33	24
AeroTHON 25	AirSox ITR	Indian Institute of Technology Kharjee	1.38	3.50	3.88	6.75	5.50	2.75	3.63	3.88	3.00	2.50	3.63	7.50	2.25	3.75	2.25	6.25	62.38	9.13	71.50	25
AeroTHON 02	Stratospecs	Rajalakshmi Engineering College	1.25	3.25	4.00	7.00	7.50	3.00	4.00	3.00	3.25	3.50	3.50	8.00	1.75	3.00	1.75	6.00	63.75	7.67	71.42	26
AeroTHON 01	The Godwit	BMS College of Engineering	1.00	2.88	3.63	8.00	7.25	2.25	4.00	3.50	3.13	3.50	3.75	7.50	2.38	3.00	2.38	7.25	65.38	5.63	71.00	27
AeroTHON 32	Team War Hawks	KLS Gogte Institute of Technology	1.25	3.00	4.00	6.75	7.00	2.50	3.25	2.50	4.75	4.50	3.00	6.75	0.75	1.25	1.50	6.75	59.50	9.00	68.50	28
AeroTHON 21	PRAVEGH	KLE Dr.MSSCET	2.00	4.00	3.33	6.33	6.67	3.00	3.33	3.00	4.00	3.00	4.00	8.33	2.00	2.00	2.00	6.00	61.00	6.38	67.38	29
AeroTHON 15	Team AERONAUTICA	Pimpri Chinchwad College of Engineering & Research	1.83	3.67	4.17	7.17	7.67	3.33	3.67	3.67	2.83	3.00	2.17	4.33	2.00	2.33	2.83	5.00	59.67	6.25	65.92	30
AeroTHON 12	Armoured Air	Mangalore Institute of Technology & Engineering	1.25	3.13	4.00	7.13	8.00	2.88	4.25	3.00	2.63	0.75	1.75	4.25	2.00	2.50	2.50	6.25	57.25	6.88	64.13	31
AeroTHON 13	MACE AEROSPACE	MAAR ATHANASUS COLLEGE OF ENGINEERING	0.75	4.00	3.25	0.00	5.50	3.00	3.00	2.50	3.00	4.50	2.00	8.00	3.00	3.50	3.00	6.00	55.00	7.25	62.25	32
AeroTHON 11	Garuda	Vijayajethi College Of Engineering And Technology	1.25	3.50	4.00	5.50	8.00	2.50	3.00	2.00	4.00	3.50	3.50	8.50	0.50	0.50	0.50	2.50	53.25	7.23	60.48	33
AeroTHON 38	Team Tarikshya	VIT BHOPAL	1.63	3.13	3.25	5.00	6.00	3.00	4.13	1.50	2.50	1.00	2.13	4.50	2.25	2.25	2.00	6.00	50.25	6.33	56.58	34
AeroTHON 39	Dazzlers	MIT Academy of engineering	1.38	3.13	3.00	5.25	7.25	1.50	4.50	0.75	3.00	2.75	2.25	5.75	1.88	2.00	0.88	5.00	50.25	4.50	54.75	35
AeroTHON 41	AERO FALKENS	Bannari Amman Institute Of Technology	0.83	2.33	3.67	7.33	5.50	3.00	4.00	2.00	4.00	2.83	1.00	5.50	0.33	0.33	0.33	2.33	45.33	9.00	54.33	36
AeroTHON 44	Altius	Government College Of Engineering	1.75	3.50	3.25	4.00	4.00	5.00	2.50	2.75	1.50	1.50	1.50	5.00	2.00	2.50	1.50	4.50	47.25	6.33	53.58	37
AeroTHON 45	SKYBUZZ	G.H.Narasim College Of Engineering And Management	1.25	3.00	3.00	4.25	5.75	2.75	3.25	1.00	3.50	2.50	2.00	4.00	1.75	1.25	1.50	3.25	44.00	8.08	52.08	38
AeroTHON 26	TEAM GARUD	Rajiv Gandhi Institute of Technology	1.10	2.50	2.60	4.00	4.40	1.40	2.50	1.90	4.00	2.40	2.70	6.40	1.20	1.80	1.20	5.70	45.80	5.50	51.30	39
AeroTHON 34	Team Anista	Modern Education Society's College of Engineering	1.00	2.50	2.63	4.75	5.25	1.25	3.25	0.50	3.50	0.75	2.38	4.50	1.88	2.50	2.00	5.50	45.13	6.00	51.13	40
AeroTHON 52	GARUDANS	Sri Ramakrishna Institute of Technology	1.38	1.75	2.38	5.50	5.38	2.13	2.25	2.50	2.50	2.25	2.00	5.00	1.75	1.75	1.38	2.25	42.13	7.00	49.13	41
AeroTHON 16	TEAM TURBONITES	Loyola ICAM College of Engineering and Technology	1.83	1.83	2.00	4.00	5.17	2.67	3.00	1.33	2.00	1.00	1.17	3.50	1.67	1.83	1.83	4.17	39.00	5.88	44.88	42
AeroTHON 19	Metal to metal	SPJMIT	1.67	2.33	2.67	4.50	4.50	2.00	2.67	0.67	1.67	1.67	1.33	2.83	2.00	1.33	2.33	2.33	35.67	8.50	44.17	43
AeroTHON 43	AIM Archers	Bannari Amman Institute of Technology	1.50	3.50	2.00	4.00	2.00	4.00	5.00	1.00	3.00	0.00	0.00	5.00	1.00	1.00	0.00	2.00	35.00	9.08	44.08	44
AeroTHON 46	NANOMITE RC	Hindustan Institute of technology and science	1.25	3.25	1.50	2.25	3.75	2.75	3.25	1.00	2.00	2.00	2.25	4.00	0.25	0.50	1.00	4.25	35.25	8.67	43.92	45
Aerothon 03	ASSAILING GLIDERS	St. Joseph's Institute of Technology	0.50	2.75	2.88	5.50	5.25	2.88	1.75	1.25	1.25	2.25	2.25	6.00	1.25	0.63	0.50	4.50	41.63	WP	41.63	46
AeroTHON 18	Team Phoenix	DR. VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY	1.50	2.83	3.33	2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	0.00	1.17	11.00	8.00	19.00	47
AeroTHON 05	Anglers	St. Joseph's Institute of Technology	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AeroTHON 08	Aquila	Mahindra University	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AeroTHON 17	Phoenix	Federal Institute of Science and Technology (FIAT)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AeroTHON 33	HORIZON	VIT, BHOPAL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AeroTHON 27	E-Aerospace	Manipal Institute of Technology	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS

Legend	
PS	Partial Submittal
NS	No Submittal
WP	Withdrawn from Presentation