

Team ID	Institution Name	Team Name	City	1.1 Conceptual design	1.2 Preliminary Weight Estimation	1.3 Thrust Required and Propulsion Selection	1.4 Aircraft Sizing (Wing, Fuselage, Propeller, Landing gear)	1.5 Aircraft Performance (Power required, Power System, Landing gear Estimation)	1.6 Material Selection	1.7 Subsystem Selection - Communication System, Control & Navigation System	1.8 C.G. Calculation & Stability Analysis	1.9 Computer Aided Design (CAD) (2D Drawing Front view, Top view and Side view, 3D Model)	1.10 Optimized First Design (Summary of Design /Changes/ Optimizations including Final CAD model and/or Drafting & C.G.)	1.11 Detailed Weight Breakdown, Aircraft Performance (T/W, Power Req, etc.), Fuel/AVIUM Specs and BOM	2.1 Computational Analysis	3.1 Autonomous Flight	3.2 Autonomus Detection and Counting	3.3 Autonomous Payload/Drop	4.1 Innovation	Design Report Score (Max 90)	Presentation on Score (Max 10)	Total Score	Rank	
AT2024070	M S WADGA COLLEGE OF ENGINEERING, PUNE	Team Avinav	Pune	3.75	3.00	3.75	8.25	8.75	3.00	4.75	4.50	4.75	4.90	7.75	4.75	3.75	4.75	3.75	8.00	84.25	8.90	90.75	1	
AT2024081	Mysore Institute of Technology	Team Avinav	Mysore	3.75	2.75	4.00	8.75	8.50	4.00	4.25	4.00	4.75	4.75	4.75	4.00	5.00	4.00	4.75	83.00	9.07	99.07	21		
AT2024082	BITS Pilani	Aerflow	Goa	3.75	2.75	4.00	8.00	8.00	2.75	4.25	4.75	4.25	4.25	7.50	7.50	4.25	4.00	4.75	3.50	80.00	8.75	91.00	3	
AT2024037	VIT Bhopal University	Aerial Eagles	Bhopal	3.50	2.75	3.75	8.25	8.75	2.50	4.50	4.75	4.75	4.75	4.75	4.75	3.75	3.50	3.50	8.00	81.00	8.75	89.75	4	
AT2024065	Government College of Engineering Jagajohn	Team Third Aes	Jagajohn	3.50	2.75	3.50	8.00	8.75	2.75	4.25	4.00	5.00	4.50	7.50	4.75	3.50	4.50	3.75	8.25	83.50	7.08	89.58	5	
AT2024001	Apernyas Df Part University	UFROROH	Pune	4.00	3.00	4.00	8.25	8.75	2.50	4.50	4.50	4.75	4.50	7.00	4.25	3.50	4.00	4.75	8.00	81.25	6.92	88.17	6	
AT2024029	BMS College of Engineering	Orion	Bangalore	3.25	2.75	3.25	8.00	8.50	2.75	4.50	4.50	5.00	4.50	5.00	4.50	3.50	4.50	3.25	8.75	79.50	8.25	87.75	7	
AT2024056	Chennai Institute of Technology	Asunama	Chennai	3.50	2.75	3.25	7.50	9.00	2.75	4.00	4.75	4.00	4.50	7.50	4.50	3.50	4.25	3.50	9.50	78.75	8.50	87.25	8	
AT2024069	PANDEY DEENDAYAL ENERGY UNIVERSITY	ATLAS	Gandhinagar	3.75	2.75	3.50	8.25	8.75	2.50	4.25	4.25	4.50	4.50	4.50	7.25	4.75	3.00	4.25	3.25	7.75	79.25	7.50	86.75	9
AT2024096	Indian Institute of Technology Jammu	Aerial Aces	Jammu	3.25	2.75	3.50	8.75	7.50	2.75	4.50	4.75	4.25	4.25	7.75	4.50	3.75	4.50	3.25	8.75	79.25	6.96	86.21	10	
AT2024013	Madras Institute of Technology, Anna University	Classified	Chennai	3.25	2.75	3.25	8.00	8.25	2.25	4.50	4.25	4.50	4.50	7.50	4.00	3.50	4.25	3.50	8.00	78.75	7.13	85.88	11	
AT2024007	Dr. Vishwanath Karanth MIT World peace university	team phoenix	Pune	3.75	2.25	3.25	8.25	7.50	2.75	4.50	3.75	4.50	4.25	7.75	4.00	3.75	4.25	3.75	8.75	78.00	6.31	84.31	12	
AT2024041	Rice Technological University	Hells	Huntsville	3.50	2.25	3.50	7.75	8.25	2.75	4.25	2.50	4.50	4.50	7.25	4.25	2.50	4.50	3.50	8.00	76.25	8.00	84.25	13	
AT2024071	SRM Institute of Science and Technology	Team APRL	Chennai	3.50	2.50	3.25	8.25	8.25	2.25	4.00	4.50	4.25	3.50	7.00	4.00	3.50	4.50	3.25	8.00	75.50	8.87	84.17	14	
AT2024054	National Institute of Technology, Trichy	The Third Dimension	Trichy	3.50	2.75	3.00	8.25	8.25	2.75	4.25	3.50	4.25	3.75	7.00	4.00	3.50	4.00	3.50	8.75	75.50	8.50	84.00	15	
AT2024030	BITS Pilani, Hyderabad Campus	Aeroblast	Hyderabad	3.75	3.00	3.75	8.50	8.25	3.00	4.50	4.00	4.75	4.00	7.25	2.00	2.75	3.50	2.25	7.25	75.00	7.75	82.75	16	
AT2024075	ABES Engineering College	VAAHAK	Ghatnagar	3.75	2.75	4.00	8.25	8.50	2.75	5.00	3.00	4.50	3.25	7.25	3.50	3.50	4.75	4.00	7.50	78.25	4.75	83.00	17	
AT2024031	Loyola ICAM College of Engineering and Technology	Turbinoffs Team Delta	Chennai	3.50	2.25	3.75	7.50	8.25	2.50	4.25	3.75	3.75	3.75	7.00	4.75	3.25	4.25	3.25	8.50	74.25	8.05	82.30	18	
AT2024066	Venkatesh Jajal Technological Institute, Mysore	Team Avinava	Mysore	3.25	3.00	3.25	7.75	8.00	2.50	3.75	4.00	4.25	4.25	7.25	4.75	3.25	4.00	3.00	8.00	76.00	7.41	83.41	19	
AT2024003	Sathyabama Institute of Science and Technology	Vimaan 2.0	Chennai	3.25	2.75	3.00	7.75	8.75	2.25	4.25	4.00	3.50	4.25	7.50	4.00	2.00	3.75	3.00	8.00	72.50	9.79	82.29	20	
AT2024072	P. R. C. RODRIGUES INSTITUTE OF TECHNOLOGY	Thestron	New Mumbai	3.75	2.50	3.75	8.75	8.25	2.75	4.25	4.25	3.50	3.50	6.75	4.00	3.75	4.75	3.75	8.00	73.75	8.38	82.13	21	
AT2024008	Sathyabama Institute of Engineering and Management	Team Challengers	Mengaluru	3.50	2.25	3.00	7.00	7.25	2.75	4.50	4.75	4.25	4.75	7.00	4.25	3.25	3.75	3.00	8.00	73.00	8.04	81.04	22	
AT2024002	VIT VELLORE	TEAM ROTOR FPV	Vellore	3.25	2.75	3.50	8.00	7.75	2.50	4.75	4.25	4.50	4.25	7.25	4.25	3.25	4.00	3.25	8.50	76.25	5.75	82.00	23	
AT2024003	KOJI COLLEGE OF TECHNOLOGY	TEAM HELFNO	Chennai	3.25	2.50	3.00	7.75	7.75	2.50	3.50	4.25	4.00	4.00	7.00	4.00	3.75	4.00	3.50	8.00	75.00	6.95	81.95	24	
AT2024011	Sr. Jeevaniah College of Technology	SPIT Top Gun	Hyderabad	3.25	2.75	3.25	8.00	8.25	2.75	4.00	3.75	4.25	4.25	7.25	4.25	3.25	4.25	3.00	8.00	72.00	9.17	81.17	25	
AT2024039	Birsa Institute of Technology Sindri	Audisband	Dhanbad	3.25	2.50	3.25	8.00	8.25	2.50	4.00	3.50	4.50	4.00	7.00	4.00	3.00	4.00	3.25	7.50	72.75	8.95	81.70	26	
AT2024040	AIIM DEEMED TO BE UNIVERSITY	TEAM AVAHHI	Bangalore	3.00	2.75	3.50	7.50	7.75	2.50	4.00	4.00	4.25	4.50	7.00	4.25	3.00	4.00	3.50	7.50	73.50	7.87	81.37	27	
AT2024077	Dhanu Baba's School of Engineering	DHS Phoenix	Hyderabad	3.25	2.25	3.50	8.00	8.25	2.75	4.25	3.75	4.25	4.00	7.00	4.00	3.25	4.00	3.00	8.00	72.00	9.17	81.17	28	
AT2024010	S J C Institute of Technology	Fragna	Bangalore	3.25	2.75	3.50	8.00	8.50	2.50	4.00	4.00	4.00	4.25	6.75	4.00	3.25	3.50	3.25	7.50	73.00	7.87	80.87	29	
AT2024028	BITM Kancherappan	Team Anta	Chennai	3.75	2.50	3.50	8.00	8.25	2.25	4.00	4.00	4.25	4.50	8.25	4.25	3.00	4.00	2.75	8.75	72.00	8.25	80.25	30	
AT2024045	Acropolis Institute of technology and research	Acropolis AeroSpace2	Hyderabad	3.00	3.00	3.00	8.00	8.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	8.00	72.00	8.00	80.00	31	
AT2024025	VIT Bhopal University	Hover	Bhopal	3.50	2.50	3.25	8.50	7.00	2.50	3.75	3.50	4.25	4.25	7.25	4.25	3.25	3.75	3.25	8.75	71.00	9.10	80.10	32	
AT2024084	BITM Jabalpur	AI Guardians	Jabalpur	3.50	2.25	2.75	8.25	8.00	2.25	4.25	3.75	4.00	4.25	7.25	4.25	3.00	3.75	3.25	7.50	72.25	7.75	80.00	33	
AT2024091	Institute of Engineering & Management	Team Garuda	Kolkata	3.25	2.50	3.25	8.00	8.25	2.50	4.00	3.75	4.00	4.25	7.00	4.25	3.25	3.75	3.25	8.00	72.00	8.00	80.00	34	
AT2024011	LOYOLA ICAM COLLEGE OF ENGINEERING AND TECHN	TEAM AVEN	Chennai	3.00	2.50	3.25	8.25	8.25	2.50	4.25	4.00	3.75	4.00	7.00	4.25	3.50	3.75	3.25	8.25	73.75	6.15	79.90	35	
AT2024035	MPSTME, Mumbai	MPSME Aeroglers	Mumbai	3.50	2.50	3.25	7.75	7.75	2.50	4.00	3.50	3.75	3.75	7.00	4.00	3.25	4.00	3.25	8.00	71.75	8.00	79.75	36	
AT2024032	Pune Vasthva Group's COET	TEAM SQUADONE	Pune	3.50	2.50	3.25	7.50	7.50	2.25	3.00	3.75	4.00	4.25	8.75	4.00	3.25	4.00	3.00	8.25	71.25	8.00	79.25	37	
AT2024036	MOHAN MALAVIA UNIVERSITY OF TECHNOLOGY	STARFLIGHT 3.0	Gorakhpur	3.50	2.50	3.25	7.00	7.25	2.00	3.75	3.50	4.25	4.25	7.00	4.00	3.00	4.25	3.50	7.25	70.75	8.05	78.80	38	
AT2024076	JANSONI INSTITUTE OF TECHNOLOGY	PITTS CREEK	Coimbatore	3.00	2.75	4.00	8.25	8.25	2.50	4.25	1.75	3.75	3.75	7.75	3.50	2.75	4.75	1.75	8.50	70.75	8.20	78.95	39	
AT2024014	DR. Panikkar's Osho 1 Campus	Team Virens	Chennai	3.25	2.75	3.25	8.75	8.50	2.50	4.25	3.75	3.75	4.00	8.75	4.00	3.00	4.00	3.25	7.00	70.25	5.00	75.25	40	
AT2024090	KLS Gogte Institute of Technology, Belgavai	Vayuppters	Belgavai	3.50	2.75	3.50	8.75	8.25	3.00	4.00	4.00	4.75	4.25	7.50	2.75	3.50	3.75	2.25	8.50	71.50	7.21	78.71	41	
AT2024043	Hindustan Institute of Technology and Science	AERIAL COMMANDOS	Chennai	3.25	2.50	3.75	8.75	8.25	2.25	3.00	3.00	4.25	4.00	6.75	3.75	3.25	4.00	3.50	7.00	71.25	7.00	78.25	42	
AT2024019	Manipal Institute of Technology & Engineering	TEAM MARUS	Mangalore	2.50	2.50	3.25	8.00	8.75	2.25	4.00	3.75	4.25	4.50	9.50	3.00	3.00	3.00	2.50	68.75	9.00	78.25	43		
AT2024049	NIRMA UNIVERSITY	TEAM AIRBOW	Ahmedabad	3.25	2.50	3.25	7.50	8.00	2.25	4.00	3.75	4.00	4.00	7.00	4.25	3.25	3.75	2.25	8.50	69.50	8.62	78.12	44	
AT2024018	National Institute of Technology, Shrihar	Mach10	Shrihar	2.75	2.25	3.25	8.25	8.00	2.25	3.50	3.50	3.50	3.50	7.00	4.00	3.25	3.75	3.25	8.50	69.25	8.51	77.76	45	
AT2024033	Anna Vastha Vidyaapeetham	Bumblebee	Bangalore	3.25	2.25	3.00	7.50	7.75	2.25	4.25	4.00	4.00	4.25	8.75	4.25	3.25	4.25	3.25	7.50	72.50	5.00	77.50	46	
AT2024027	VIT Bhopal University	RUDRA	Bhopal	3.50	2.00	3.50	7.75	8.25	2.50	3.75	4.00	4.25	4.00	6.50	3.00	3.00	3.75	3.00	8.00	69.50	8.25	77.75	48	
AT2024062	UMT	Team ace	Chandigarh	3.25	2.00	3.00	7.75	7.75	2.50	3.50	3.00	3.75	3.75	6.75	3.75	3.00	3.75	3.00	7.25	68.75	8.90	77.65	48	
AT2024069	Anna Vastha Vidyaapeetham	Abraxas Phoenix	Coimbatore	3.25	2.50	3.25	7.00	7.00	2.50	4.25	4.25	3.75	4.25	8.75	4.25	3.00	4.00	3.25	7.50	69.75	7.75	77.50	49	
AT2024005	M. S. Ramaiah Institute of Applied Sciences	Aeronyx	Bangalore	2.75	2.25	3.00	7.25	7.00	2.75	4.00	3.25	4.50	3.75	6.75	3.00	3.50	4.00	3.75	7.00	69.00	7.92	76.92	50	
AT2024084	Institute of Engineering and Technology, DAVV	Team Rank	Indore	3.50	2.25	3.00	7.75	7.50	2.25	3.75	4.00	4.00	4.00	7.00	4.50	3.25	3.00	2.75	7.25	70.75	5.75	76.50	51	
AT2024044	Kumaraguru College of Technology	Team ARES	Coimbatore	3.25	2.75	3.25	8.00	8.25	2.75	4.25	4.00	3.50	4.00	6.50	3.00	3.00	4.25	2.75	6.25	69.75	6.82	76.57	52	
AT2024078	PCEIT PCCOEAR	Valkor	Pune	2.25	2.75	3.00	8.25	8.50	1.25	4.75	2.25	4.00	4.00	7.25	4.25	2.25	2.25	2.75	7.00	68.75	8.30	76.05	53	
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