

Formula SAE 2006

Overall results

Car Number	University	Cost (100)	Presentation (75)	Design (150)	Acceleration (75)	Skid Pad (50)	Autocross (150)	Endurance /Fuel (400)	Total (1000)	Overall Rank
1	University of Western Australia	83.6	67.6	150.0	75.0	47.5	150.0	344.1	917.9	2
4	Tokyo Denki University, Japan	58.6	43.5	115.0	25.9	50.0	84.5	231.5	609.1	7
6	University of Newcastle	68.8	51.2	39.9			7.5	0.0	167.5	21
7	RMIT University	84.7	75.0	140.0	71.3	44.9	143.6	400.0	959.5	1
8	University of Adelaide	74.6	69.6	83.3	49.0	42.7	61.2	291.8	672.2	5
9	Swinburne University of Technology	71.0	69.3	105.0					245.2	16
11	The University of Melbourne	78.7	55.9	73.7	61.5	11.2	7.5	111.1	399.7	13
13	University of Southern Queensland	72.2	39.8	36.0					148.0	24
14	Curtin University of Technology	64.8	16.8	20.2			7.5	0.0	109.3	26
15	UNSW @ ADFA	69.4	55.5	78.1	49.4		35.9		288.3	15
18	Aalborg University, Denmark	63.9	49.4	40.4					153.7	22
22	University of Sydney	44.8	54.8	83.3	58.3	21.0	7.5	86.3	355.9	14
25	The University of Waikato	47.7	54.1	43.4	46.6	8.9	7.5	0.0	208.2	19
30	University of Ballarat	58.7	37.9	56.1				0.0	152.7	23
31	Technical University of Munich	67.4	58.4	125.0	54.4	16.5	29.3	269.7	620.8	6
33	Deakin University	72.0	49.5	110.0			7.5		239.0	17
38	Victoria University	68.9	28.1	25.4			7.5	0.0	129.9	25
41	University of Queensland	48.1	64.1	50.9	57.0	21.8	81.7	230.2	553.7	11
45	R V College of Engineering, India	74.6	48.2	47.4					170.2	20
46	Queensland University of Technology	57.2	55.1	40.4	56.1	2.5	83.5	277.2	571.9	9
47	University of Auckland	72.9	56.3	91.1	62.5	5.0	70.9	243.2	601.9	8
48	University of Wollongong	83.4	51.4	92.1	61.1	32.7	130.3	322.5	773.5	3
61	Australian National University	78.6	47.0	73.2	60.2	12.4	81.4	215.1	567.9	10
63	The University of New South Wales	74.2	48.0	100.0	63.9	41.7	105.5	322.6	755.8	4
66	Monash University	82.3	65.4	89.9	45.4	17.8	74.7	173.8	549.3	12
69	University of South Australia	50.0	44.5	65.8	49.4	2.5	21.4		233.5	18
88	Universiti Teknologi Petronas, Malaysia	-31.6	22.6	27.2					18.2	27

Formula SAE 2006 Cost event

(100)

Car Number	University	Adjusted cost (\$)	Jugding Scores (100)				Overall Final Event Score	Overall Event Placing
			Cost report		Visual	Manuf		
			A (30)	B (30)	C (20)	D (20)		
1	University of Western Australia						83.6	2
4	Tokyo Denki University, Japan						58.6	21
6	University of Newcastle						68.8	16
7	RMIT University						84.7	1
8	University of Adelaide						74.6	7
9	Swinburne University of Technology						71.0	13
11	The University of Melbourne						78.7	5
13	University of Southern Queensland						72.2	11
14	Curtin University of Technology						64.8	18
15	UNSW @ ADFA						69.4	14
18	Aalborg University, Denmark						63.9	19
22	University of Sydney						44.8	26
25	The University of Waikato						47.7	25
30	University of Ballarat						58.7	20
31	Technical University of Munich						67.4	17
33	Deakin University						72.0	12
38	Victoria University						68.9	15
41	University of Queensland						48.1	24
45	R V College of Engineering, India						74.6	8
46	Queensland University of Technology						57.2	22
47	University of Auckland						72.9	10
48	University of Wollongong						83.4	3
61	Australian National University						78.6	6
63	The University of New South Wales						74.2	9
66	Monash University						82.3	4
69	University of South Australia						50.0	23
88	Universiti Teknologi Petronas, Malaysia						-31.6	27

Formula SAE 2006

Presentation Event

(75)

Car Number	University	Jugding Scores (50)							Average Score	Overall Final Event Score	Overall Event Placing
		1	2	3	4	5	6	7			
1	University of Western Australia	43	41.5	39	35	46.5	43	41	41.29	67.6	4
4	Tokyo Denki University, Japan	24.5	32	21.5	21	24	33	30	26.57	43.5	22
6	University of Newcastle	27	22.5	32.5	35	37	27	38	31.29	51.2	15
7	RMIT University	44.5	48	44	45	46	45	48	45.79	75.0	1
8	University of Adelaide	36	49	42	47	41	40	42.5	42.50	69.6	2
9	Swinburne University of Technology	35	41	50	40	41	44	45	42.29	69.3	3
11	The University of Melbourne	36	35	32	35	27	30	44	34.14	55.9	9
13	University of Southern Queensland	23	34	28	23	23	24	15	24.29	39.8	23
14	Curtin University of Technology	8	12	7.5	10.5	12	10	12	10.29	16.8	27
15	UNSW @ ADFA	42	32	33	36	31	30	33	33.86	55.5	10
18	Aalborg University, Denmark	36	29	22	27	32	36	29	30.14	49.4	17
22	University of Sydney	42	34	36	36	33	24	29	33.43	54.8	12
25	The University of Waikato	20.5	31	42	30	29.5	34	44	33.00	54.1	13
30	University of Ballarat	21	19	24	25	20	27	26	23.14	37.9	24
31	Technical University of Munich	42	31	33	33.5	35	39	36	35.64	58.4	7
33	Deakin University	28	31	28	35	29	32	28.5	30.21	49.5	16
38	Victoria University	10	24	23	21	14	13	15	17.14	28.1	25
41	University of Queensland	40	34	37.5	39.5	33	47	43	39.14	64.1	6
45	R V College of Engineering, India	33	31	21	35	29	28	29	29.43	48.2	18
46	Queensland University of Technology	30	31	32	35	43	36	28.5	33.64	55.1	11
47	University of Auckland	35	38	30	29.5	29	36	43	34.36	56.3	8
48	University of Wollongong	27	34	28	40.5	25	35	30	31.36	51.4	14
61	Australian National University	33	23	28	29	29	22	37	28.71	47.0	20
63	The University of New South Wales	28	32	32	31	27	20	35	29.29	48.0	19
66	Monash University	40	42	33	37	45.5	41	41	39.93	65.4	5
69	University of South Australia	20	29	23	25	32	27	34	27.14	44.5	21
88	Universiti Teknologi Petronas, Malaysia	12.5	12	17.5	14	17	12.5	11	13.79	22.6	26

Formula SAE 2006 Design event

(150)

Car Number	University	Overall Final Event Score	Overall Event Placing
1	University of Western Australia	150	1
4	Tokyo Denki University, Japan	115	4
6	University of Newcastle	39.9	23
7	RMIT University	140	2
8	University of Adelaide	83.3	11
9	Swinburne University of Technology	105	6
11	The University of Melbourne	73.7	14
13	University of Southern Queensland	36	24
14	Curtin University of Technology	20.2	27
15	UNSW @ ADFA	78.1	13
18	Aalborg University, Denmark	40.4	21
22	University of Sydney	83.3	11
25	The University of Waikato	43.4	20
30	University of Ballarat	56.1	17
31	Technical University of Munich	125	3
33	Deakin University	110	5
38	Victoria University	25.4	26
41	University of Queensland	50.9	18
45	R V College of Engineering, India	47.4	19
46	Queensland University of Technology	40.4	21
47	University of Auckland	91.1	9
48	University of Wollongong	92.1	8
61	Australian National University	73.2	15
63	The University of New South Wales	100	7
66	Monash University	89.9	10
69	University of South Australia	65.8	16
88	Universiti Teknologi Petronas, Malaysia	27.2	25

Formula SAE 2006 Endurance start order

Car Number	University	Driver 1 Best Time	Driver 2 Best Time	Team Best Time	Autocross Event Score	Rank	Enduro Start Order
1	University of Western Australia	48.084	53.655	48.084	150.0	1	1
4	Tokyo Denki University, Japan	74.710	52.949	52.949	84.5	5	5
6	University of Newcastle	72.433	63.218	63.218	7.5	15	17
7	RMIT University	52.370	48.517	48.517	143.6	2	2
8	University of Adelaide	58.320	54.934	54.934	61.2	11	11
9	Swinburne University of Technology						
11	The University of Melbourne		73.253	73.253	7.5	15	20
13	University of Southern Queensland						
14	Curtin University of Technology		65.889	65.889	7.5	15	18
15	UNSW @ ADFA	64.610	57.253	57.253	35.9	12	12
18	Aalborg University, Denmark						
22	University of Sydney	65.066	61.433	61.433	7.5	15	15
25	The University of Waikato	66.869	63.194	63.194	7.5	15	16
30	University of Ballarat						
31	Technical University of Munich	62.912	57.887	57.887	29.3	13	13
33	Deakin University	70.848		70.848	7.5	15	19
38	Victoria University		76.461	76.461	7.5	15	21
41	University of Queensland	57.522	53.184	53.184	81.7	7	7
45	R V College of Engineering, India						
46	Queensland University of Technology	54.388	53.036	53.036	83.5	6	6
47	University of Auckland	57.163	54.087	54.087	70.9	10	10
48	University of Wollongong	53.430	49.454	49.454	130.3	3	3
61	Australian National University	55.120	53.204	53.204	81.4	8	8
63	The University of New South Wales	56.354	51.291	51.291	105.5	4	4
66	Monash University	57.397	53.763	53.763	74.7	9	9
69	University of South Australia		58.676	58.676	21.4	14	14
88	Universiti Teknologi Petronas, Malaysia						

Formula SAE 2006 Endurance event (Heat 1)

(350)

Car Number	University	Driver time calculation							Scores (350)								Time (SEC)	Overall Final Event Score	Overall Event Placing	
		Lap times			Driver change			Heat 1 Total time (s)	Lap Times (sec)											
		Minutes	Seconds	time (s)	Minutes	Seconds	time (s)		Number of Penalties											(DIS)
									DOO	OC	MS	OO	PFE	FYF	OD	VTVC				
1	University of Western Australia								12		3									
4	Tokyo Denki University, Japan	14	24.145	864.145	14	12.423	852.423	1716.57	22	2	2						1840.6	187.3	8	
6	University of Newcastle																			
7	RMIT University	12	50.849	770.849	12.8571	16.8996	788.328	1559.18	16								1591.2	350.0	1	
8	University of Adelaide	13	43.322	823.322	13	33.141	813.141	1636.46	27								1690.5	279.5	3	
9	Swinburne University of Technology								22	1				1						
11	The University of Melbourne	16	37.101	997.101	14	0.703	840.703	1837.8	39	7				1			2115.8	52.2	11	
13	University of Southern Queensland																			
14	Curtin University of Technology	16	22.231	982.231	16	10.515	970.515	1952.75	71	4	4						2254.7	0.0	12	
15	UNSW @ ADFA								7		2									
18	Aalborg University, Denmark								23		2									
22	University of Sydney								37	4										
25	The University of Waikato								34											
30	University of Ballarat	19	8.19	1148.19	17	23.782	1043.78	2191.97	50	3	2						2392.0	0.0	12	
31	Technical University of Munich	15	6.004	906.004	14	49.403	889.403	1795.41	25	3							1905.4	152.0	10	
33	Deakin University								21	2	4									
38	Victoria University								4											
41	University of Queensland	14	40.109	880.109	13	52.243	832.243	1712.35	40								1792.4	215.2	6	
45	R V College of Engineering, India																			
46	Queensland University of Technology	13	59.94	839.94	12	52.846	772.846	1612.79	23	3							1718.8	260.8	4	
47	University of Auckland	14	33.74	873.74	14	25.643	865.643	1739.38	24								1787.4	218.2	5	
48	University of Wollongong								25	2										
61	Australian National University	13	20	800	14	50.266	890.266	1690.27	31	3	1						1832.3	192.0	7	
63	The University of New South Wales	13	17.455	797.455	12	50.231	770.231	1567.69	26		1						1639.7	314.5	2	
66	Monash University	15	26.53	926.53	13	32.512	812.512	1739.04	53	1	1						1885.0	162.8	9	
69	University of South Australia								6		1									
88	Universiti Teknologi Petronas, Malaysia																			

Key	Description	Penalty (sec)
DOO	Cone Down Or Out	2
OC	Off Course	20
MS	Missed Slalom	20
OO	Out of Order running	120
PFE	Poor Fuel Economy	240
FYF	Failure to Yield at Flag	60
OD	Over Driving	60
VTVC	Vehicle To Vehicle Contact	Dis

	Heat 1	Overall
Best Time [Tmin]	1591.2	1591.2
133% Best Time [Tmax]	2121.0	2121.0

Formula SAE 2006

Endurance event (Heat 2)

(350)

Car Number	University	Driver time calculation							Scores (350)								Time (SEC)	Overall Final Event Score	Overall Event Placing	
		Lap times			Driver change			Heat 2 Total time (s)	Lap Times (sec)											
		Minutes	Seconds	time (s)	Minutes	Seconds	time (s)		Number of Penalties							(DIS)				
									DOO	OC	MS	OO	PFE	FYF	OD					VTVC
1	University of Western Australia	13	26.914	806.914	12	52.084	772.084	1578.998	17	1							1633.0	319.2	1	
4	Tokyo Denki University, Japan																			
6	University of Newcastle	15	59.464	959.464	17	45.458	1065.46	2024.922	31	1	1						2126.9	0.0	8	
7	RMIT University																			
8	University of Adelaide																			
9	Swinburne University of Technology																			
11	The University of Melbourne	15	53.31	953.31	15	23.724	923.724	1877.034	32	1	3						2021.0	94.6	5	
13	University of Southern Queensland																			
14	Curtin University of Technology																			
15	UNSW @ ADFA																			
18	Aalborg University, Denmark																			
22	University of Sydney	16	17.783	977.783	16	57.273	1017.27	1995.056	32								2059.1	77.1	7	
25	The University of Waikato	17	35.823	1055.82	17	43.593	1063.59	2119.416	68	3	4						2395.4	0.0	8	
30	University of Ballarat	19	44.357	1184.36	17.2143	37.7164	1070.57	2254.9306	120	1	3						2574.9	0.0	8	
31	Technical University of Munich	13	18.299	798.299	15	5.184	905.184	1703.483	15								1733.5	251.4	3	
33	Deakin University																			
38	Victoria University	17	9.527	1029.53	15	59.84	959.84	1989.367	58		1						2125.4	0.0	8	
41	University of Queensland																			
45	R V College of Engineering, India																			
46	Queensland University of Technology																			
47	University of Auckland																			
48	University of Wollongong	13	34.06	814.06	12	56.54	776.54	1590.6	24	1							1658.6	301.2	2	
61	Australian National University	15	1.83	901.83	15	36.554	936.554	1838.384	56	4							2030.4	90.2	6	
63	The University of New South Wales	14	55.19	895.19	15	36.643	936.643	1831.833	30	1							1911.8	148.6	4	
66	Monash University	13	22.238	802.238	19	34.863	1174.86	1977.101	62	5	3						2261.1	0.0	8	
69	University of South Australia																			
88	Universiti Teknologi Petronas, Malaysia																			

Key	Description	Penalty (sec)
DOO	Cone Down Or Out	2
OC	Off Course	20
MS	Missed Slalom	20
OO	Out of Order running	120
PFE	Poor Fuel Economy	240
FYF	Failure to Yield at Flag	60
OD	Over Driving	60
VTVC	Vehicle To Vehicle Contact	Dis

	Heat 2	Overall
Best Time [Tmin]	1633.0	1591.2
133% Best Time [Tmax]	2176.8	2121.0

Formula SAE 2006

Endurance summary

Car Number	University	Endurance time Heat 1 [s]	Endurance time Heat 2 [s]	Endurance minimum time	Rank
1	University of Western Australia		1633.0	1633.0	2
4	Tokyo Denki University, Japan	1840.6		1840.6	11
6	University of Newcastle				
7	RMIT University	1591.2		1591.2	1
8	University of Adelaide	1690.5		1690.5	5
9	Swinburne University of Technology				
11	The University of Melbourne	2115.8	2021.0	2021.0	13
13	University of Southern Queensland				
14	Curtin University of Technology				
15	UNSW @ ADFA				
18	Aalborg University, Denmark				
22	University of Sydney		2059.1	2059.1	14
25	The University of Waikato				
30	University of Ballarat				
31	Technical University of Munich	1905.4	1733.5	1733.5	7
33	Deakin University				
38	Victoria University				
41	University of Queensland	1792.4		1792.4	9
45	R V College of Engineering, India				
46	Queensland University of Technology	1718.8		1718.8	6
47	University of Auckland	1787.4		1787.4	8
48	University of Wollongong		1658.6	1658.6	4
61	Australian National University	1832.3	2030.4	1832.3	10
63	The University of New South Wales	1639.7	1911.8	1639.7	3
66	Monash University	1885.0		1885.0	12
69	University of South Australia				
88	Universiti Teknologi Petronas, Malaysia				

Formula SAE 2006 fuel economy event

Car Number	University	Heat 1 Volume [L]	Allowed volume ? [L or No]	score	Heat 2 Volume [L]	Allowed volume ? [L or No]	score	Calcs for overall rank for fuel only			
								Volume Heat 1 [L]	Volume Heat 2 [L]	Minimum Volume	Rank
1	University of Western Australia				3.20	3.20	24.84		3.20	3.20	5
4	Tokyo Denki University, Japan	2.38	2.38	44.26				2.38		2.38	2
6	University of Newcastle				4.92	No	0.00				
7	RMIT University	2.21	2.21	50.00				2.21		2.21	1
8	University of Adelaide	4.11	4.11	12.35				4.11		4.11	12
9	Swinburne University of Technology										
11	The University of Melbourne	3.25	3.25	23.97	3.75	3.75	16.57	3.25	3.75	3.25	6
13	University of Southern Queensland										
14	Curtin University of Technology	3.60	No	0.00							
15	UNSW @ ADFA										
18	Aalborg University, Denmark										
22	University of Sydney				4.43	4.43	9.18		4.43	4.43	14
25	The University of Waikato				4.59	No	0.00				
30	University of Ballarat	4.92	No	0.00	4.40	No	0.00				
31	Technical University of Munich	3.00	3.00	28.60	3.62	3.62	18.30	3.00	3.62	3.00	3
33	Deakin University										
38	Victoria University				5.99	No	0.00				
41	University of Queensland	3.88	3.88	14.96				3.88		3.88	10
45	R V College of Engineering, India										
46	Queensland University of Technology	3.77	3.77	16.31				3.77		3.77	9
47	University of Auckland	3.19	3.19	25.01				3.19		3.19	4
48	University of Wollongong				3.41	3.41	21.37		3.41	3.41	8
61	Australian National University	3.30	3.30	23.13	3.80	3.80	15.94	3.30	3.80	3.30	7
63	The University of New South Wales	4.55	4.55	8.11	4.06	4.06	12.90	4.55	4.06	4.06	11
66	Monash University	4.24	4.24	11.01	5.07	No	0.00	4.24		4.24	13
69	University of South Australia										
88	Universiti Teknologi Petronas, Malaysia										

	Heat 1	Heat 2
Overall Best Volume [Vmin]	2.21	3.20
Max Volume [Vmax]	5.72	5.72

Min/Max values for formulas

	Endurance Time	Fuel Volume
Heat one	1591.2	2.21
Heat two	1633.0	3.20
Minimum [Tmin/Vmin]	1591.2	2.21
Maximum [Tmax/Vmax]	2121.0	5.72

16 lap fuel 2.36
 1 lap av 0.1475
 15 adj fuel 2.2125