

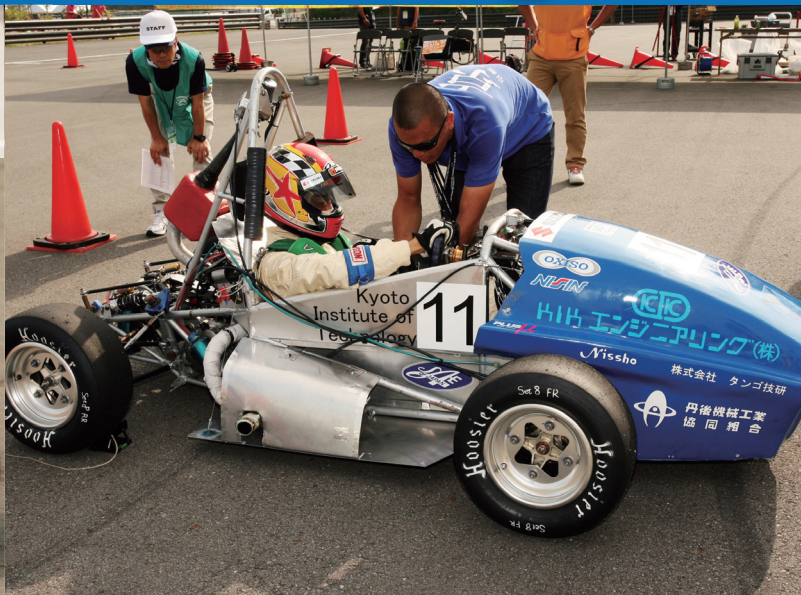


2013

Monozukuri Design Competition Since 2003

Student Formula Japan

2013 9.3 TUE - 7 SAT



Ogasayama Sports Park - ECOPA

Organized by



Society of Automotive Engineers of Japan, Inc.



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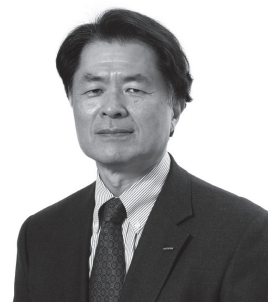


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President's Message

Welcome to 2013 Student Formula Japan



Mitsuhiro Yamashita

President
Society of Automotive Engineers
of Japan, Inc.

The Student Formula Japan marks its 11th year this September since the inauguration in 2003.

The aim of the Competition is to create a stage for students to demonstrate their all-round monozukuri skills and to encourage the development of the next generation of engineers through conceptualizing, designing, and manufacturing their own race car.

The 2013 Competition has received entries from 86 teams, 74 from inside Japan and 12 from outside Japan. As a result, a total of 600 teams and more than 10,000 students have taken part in the Competition since 2003. After graduation, many of these participants have gone on to form the next generation of engineers in the automotive industry at automakers and suppliers.

To ensure the smooth and safe running of the Competition, the entry requirements have been expanded to include the submission of a Shakedown Certificate in addition to the normal document screening stage. In this way, we are also hoping to boost the level of the cars taking part. Teams that fail to pass the document screening are welcome to take part in the Follow-Up Program, which we hold every year during the Competition to help prepare these teams for next year.

The Society of Automotive Engineers of Japan officially introduces an electric vehicle class to the 2013 Student Formula Japan. This year, the EV class competition will be organized in parallel with the competition of the internal combustion vehicle.

Also, the Student Formula Japan is now recognized as one of the Formula SAE® series competitions. We will work together with the FSAE series countries to develop a better competition by actively involving in the decision-making process..

Finally, in addition to wishing the best of luck to all the students on the participating teams, I would also like to express my sincere appreciation to all the representatives of industry, government, and academia for their support, collaboration, and sponsorship, to everyone in the host cities of Kakegawa and Fukuroi in Shizuoka Prefecture for their considerable cooperation, to everyone at the corporations and universities that kindly dispatched staff to help run the competition, and to everyone on the Competition staff for helping it to run so smoothly.

Outline of Events

1. Purpose of Competition

To develop human resources that, through the support of government, industry, and academia, will contribute to the development and promotion of both automobile technology and industry by having the students play the main role in planning, designing, and constructing an automobile on their own in a competition of comprehensive monozukuri skills.

2. Fundamental Policies of the Competition

As an engineering society, to provide students with an opportunity for monozukuri for the purpose of:

- 1) helping the students to independently develop their comprehensive monozukuri skills.
- 2) increasing the educational value of the experience by providing the students with an opportunity for the practical application of skills and knowledge that are connected to their classroom studies.

3. Operating Guidelines of the Competition

- 1) To be a place where monozukuri skills are verified while placing the highest priority on ensuring safety.
- 2) To conduct the competition in connection with representatives of industry, government, and academia.
- 3) To conduct the competition with a wide range of both individual and corporate volunteers.
- 4) To conduct the competition as a non-profit, public enterprise.
- 5) To build a network of student formula competition participants that will contribute to exchange between engineers that transcends corporate frameworks.

Category		Outline	Competition Points
Technical Inspection		Vehicle safety and conformance to design requirements as stipulated in the rules; [Brake Test]: Four-wheel locking; [Noise Tests]: An exhaust noise of 110 dB or less under prescribed conditions; [Tilt Tests]: Checking that no fuel leakage occurs when the vehicle is tilted at 45 degrees, and no rollover occurs at 60 degrees.	—
Static Events	Cost	The intent is to encourage the participants to learn that budget and cost are critical elements that must be taken into consideration in any production activity. The accuracy of costs in a report submitted by a deadline in advance, and the degree of agreement between the costs identified in the report and the actual vehicle are judged. A “real case” scenario where students will have to respond to a challenge related to cost or manufacturing of the student vehicle.	100
	Presentation	Presentations are made under a scenario that the developed vehicle has been designed to meet market demands, and to persuade officials from manufacturing vendors that the vehicle can be profitably produced and sold. The students' presentation skills are evaluated.	75
	Design	Based on design data that has been submitted by a deadline in advance and also on the vehicle itself, evaluation is made in terms of what technology is adopted, what innovations have been made, and whether the adopted technology is appropriate from the standpoint of marketability. Specifically, an oral examination is conducted to probe the appropriateness of the design of the vehicle and components, innovativeness, and ease of manufacturing, repair, and assembly.	150
Dynamic Events	Acceleration	Acceleration from 0 to 75 m. On each team, each of two drivers drives the car twice for a total of four times, and performance is judged in terms of time.	75
	Skid Pad	The vehicle's cornering performance is evaluated in steady state turns over a figure-of-eight course. On each team, each of two drivers drives the car twice for a total of four laps, and performance is judged in terms of time.	50
	Autocross	Vehicles are driven over an approximately 800 m course comprised of a combination of straights, turns, and slaloms. On each team, each of two drivers drives the car twice for a total of four laps, and performance is judged in terms of time.	150
	Endurance and Efficiency	Vehicles are driven over an approximately 22 km course comprised of a combination of straights, turns, and slaloms. On each team, each of two drivers drives the car by taking turns, switching at the mid point of the run, and performance is judged in terms of time. Efficiency is evaluated in terms of the amount of efficiency in the Endurance.*1	300 (Endurance) 100 (Efficiency)
Total Points			1000

*1 Weight Measurement and Effluent Gas Measurement will be also carried out as the post event check.

Schedule of Events

2013 Student Formula Japan Schedule

		7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	Site
9/3 (Tue.) Day 1					Priority Team Registration		Team Registration								Head Quarter
							Tech. Inspection ※Car No.1~28								Tech. Inspection Area
							Electric Inspection [EV Only]								Paddock Area
											Rain [EV Only]				Paddock Area
											Tilt・Noise・Weight				Tech. Inspection Area
9/4 (Wed.) Day 2															Ecopa Stadium
															Paddock Area
															Tech. Inspection Area
															Ecopa Stadium
															Paddock Area
9/5 (Thu.) Day 3															Tech. Inspection Area
															Paddock Area
															Tech. Inspection Area
															Ecopa Stadium
															Paddock Area
9/6 (Fri.) Day 4															Tech. Inspection Area
															Paddock Area
															Tech. Inspection Area
															Dynamic Events Area
															Head Quarter Around
9/7 (Sat.) Day 5															Tech. Inspection Area
															Dynamic Events Area
															Head Quarter Around
															Dynamic Events Area
															Tech. Inspection Area
														Arena	
Opening hour for Public		9/3 (12:00~17:30)		9/4 (7:00~17:30)		9/5 (7:00~17:30)		9/6 (7:00~19:00)		9/7 (7:00~17:00)					
Opening hour	Head Quarter	9/3 (10:00~17:30)		9/4 (7:00~17:30)		9/5 (7:00~17:30)		9/6 (7:00~19:00)		9/7 (6:30~17:00)					
	Tech. Inspection Area	9/3 (11:30~17:30)		9/4 (7:00~17:30)		9/5 (7:00~17:30)		9/6 (7:30~17:30)		9/7 (7:00~17:00)					
	Paddock Area	9/3 (10:00~19:00)		9/4 (6:30~19:00)		9/5 (6:30~19:00)		9/6 (6:30~19:00)		9/7 (6:30~20:00)					
	Spectator Viewing Area					9/5 (7:30~17:30)		9/6 (7:30~17:30)		9/7 (7:00~15:00)					
	Practice Track			9/4 (9:30~17:30)		9/5 (7:30~17:30)		9/6 (7:30~17:00)		9/7 (7:30~14:00)					

Lunch Break

Commemorative Photo

Public Presentation

Awards Ceremony

Design Final Judging

Autocross

Endurance & Efficiency

Tilt・Noise [ICV Only] ・Weight・Brake

Acceleration/Skid-pad

Tilt・Noise [ICV Only] ・Weight・Brake

Electric Inspection ・Rain [EV Only]

Tech. Inspection

Cost/Design Judging

Presentation Judging

Tilt・Noise [ICV Only] ・Weight・Brake

Electric Inspection ・Rain [EV Only]

Tech. Inspection

Team Registration

Tech. Inspection ※Car No.1~28

Electric Inspection [EV Only]

Rain [EV Only]

Tilt・Noise・Weight

Presentation Judging

Cost/Design Judging

Team Registration

9/3
(Tue.)
Day 1

9/4
(Wed.)
Day 2

9/5
(Thu.)
Day 3

9/6
(Fri.)
Day 4

9/7
(Sat.)
Day 5

Priority Team Registration

Head Quarter

Tech. Inspection Area

Paddock Area

Paddock Area

Tech. Inspection Area

Ecopa Stadium

Paddock Area

Head Quarter

Tech. Inspection Area

Paddock Area

Tech. Inspection Area

Ecopa Stadium

Paddock Area

Tech. Inspection Area

Paddock Area

Tech. Inspection Area

Dynamic Events Area

Tech. Inspection Area

Dynamic Events Area

Dynamic Events Area

Head Quarter Around

Dynamic Events Area

Tech. Inspection Area

Tech. Inspection Area

Arena

Entry Teams

<ICV Class>

Car No	School Name	Country
1	Kyoto Institute of Technology	Japan
2	Osaka University	Japan
3	Doshisha University	Japan
4	Nagoya University	Japan
5	Ibaraki University	Japan
6	Meijo University	Japan
7	Chiba University	Japan
8	Shizuoka Institute of Science and Technology	Japan
9	Nihon Automobile College	Japan
10	Kobe University	Japan
11	Honda Technical College Kanto	Japan
12	Hiroshima University	Japan
13	Tokyo City University	Japan
14	Hokkaido University	Japan
15	Osaka Institute of Technology	Japan
16	Utsunomiya University	Japan
17	Tokyo University of Science	Japan
18	Tokai University	Japan
19	University of Yamanashi	Japan
20	Kogakuin University	Japan
21	Yokohama National University	Japan
22	Kinki University	Japan
23	Kyoto University	Japan
24	Osaka City University	Japan
25	College of Science and Technology, Nihon University	Japan
26	Kurume Institute of Technology	Japan
27	Sophia University	Japan
28	Institute of Technologists	Japan
29	Tongji University	China
30	Toyohashi University of Technology	Japan
31	Shizuoka University	Japan
32	Harbin Institute of Technology at Weihai	China
33	Nagoya Institute of Technology	Japan
34	Kyushu Institute of Technology	Japan
35	Osaka Sangyo University	Japan
36	Kanazawa Institute of Technology	Japan
37	Gifu University	Japan
38	Keio University	Japan
39	Honda Technical College Kansai	Japan
40	Shibaura Institute of Technology	Japan
41	Niigata University	Japan
42	Okayama University	Japan
43	Seikei University	Japan
44	Hiroshima Institute of Technology	Japan

Car No	School Name	Country
45	Tokyo University of Agriculture and Technology	Japan
46	University of Fukui	Japan
47	Tokyo Denki University	Japan
48	Sojo University	Japan
49	Tokyo University of Science, Yamaguchi	Japan
50	Thai-Nichi Institute of Technology	Thailand
51	Kanazawa University	Japan
52	Universitas Gadjah Mada	Indonesia
53	Tottori University	Japan
54	Aichi Institute of Technology	Japan
55	Ritsumeikan University	Japan
56	Toyota Technical College Nagoya	Japan
57	Setsunan University	Japan
58	Meisei University	Japan
59	College of Industrial Technology, Nihon University	Japan
60	Saitama Institute of Technology	Japan
62	Aoyama Gakuin University	Japan
63	Kokushikan University	Japan
64	Okayama University of Science	Japan
65	Nippon Institute of Technology	Japan
66	The University of Tokyo	Japan
68	The University of Kitakyusyu	Japan
69	University of Toyama	Japan
70	Waseda University	Japan
71	Shizuoka Professional College of Automobile Technology	Japan
72	King Mongkut's University of Technology Thonburi	Thailand
73	King Mongkut's Institute of Technology Ladkrabang	Thailand
74	VIT University Chennai	India
75	Tokyo Technical College Setagaya Campus	Japan
76	Fr. Conceicao Rodrigues College of Engineering	India
77	Institut Teknologi Sepuluh Nopember	Indonesia

<EV Class>

E1	Daido University	Japan
E2	Shizuoka Institute of Science and Technology	Japan
E3	Niigata Institute of Technology	Japan
E6	Yeungnam University	Korea
E7	Joint Team of Nippon Institute Sophia University of Technology	Japan
E8	Tohoku University	Japan

Withdrawn Teams

61	Institut Teknologi Bandung	Indonesia
67	Shonan Institute of Technology	Japan
78	PEC University of Technology, Chandigarh	Japan
E4	Hokkaido Automotive Engineering College	Japan
E5	Kanagawa Institute of Technology	Japan

Sponsors

■ S Class

Toyota Motor
Nissan Motor
Honda Motor

■ A Class

Mazda Motor
Fuji Heavy Industries
Kawasaki Heavy Industries
Schaeffler Japan
SUZUKI MOTOR
SolidWorks Japan
DENSO
Hitachi Automotive Systems
VSN
Mitsubishi Motors
Yamaha Motor

■ B Class

Hino Motors
Altair Engineering
AISIN AW
AISIN SEIKI
Isuzu Motors
ETAS
AVL JAPAN
EXEDY
NOK
NTN
Autech Japan
Calsonic Kansei
KYGNUS SEKIYU
Keihin
JATCO
Shin Nippon Tokki
Sumitomo Wiring Systems
ZF Japan
Daihatsu Motor
dSPACE Japan
Nissan Motor Light Truck
Mitutoyo
Mitsubishi Fuso Truck and Bus
UD Trucks

■ C Class

TAISEISHA
Toyota Industries
FUKUROI CHAMBER OF COMMERCE AND INDUSTRY
Murayama
MEIDENSHA CORPORATION
Nifco
Aichi Machine Industry
ADVICS
igus
ISUZU ADVANCED ENGINEERING CENTER
AW ENGINEERING
H-one
NSK-Warner
F.C.C.
FTTechno.,
OILES
OKAYA
ONO SOKKI
SANGO
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JTEKT
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Tamadic
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TOKAIRIKA
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Mitsubishi Electric
Musashi Seimitsu Industry
MOBITEC
YANMAR
Yutaka Giken
UNIPRES
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Romax Technology Japan

■ D Class

AISAN INDUSTRY
AISIN AI
AISIN COMCRUISE
AISIN TAKAOKA
Akebono Brake Industry
ASMO
Ishikawa Gasket
ISUZU ENGINEERING
Iwata Dengyo
USUI KOKUSAI SANGYO KAISYA
UCHIYAMA MANUFACTURING
A&D
AutoTechnicJapan
KYOKUTO KAIHATSU KOGYO
KIRIU
JI Accident & Fire Insurance
SHIZUKI ERECTRIC
G-TEKT
Suzuyo&
Sensata Technologies Japan
Sohshin
DAIICHI COMPUTER RESOURCE
Taikisha
Tyco Electronics Japan
DAIDO METAL
Pacific Industrial
Taiho Kogyo
TAKATA FOUNDATION
TACHI-S
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Chuo Spring
TSUCHIYA
DEWETRON Japan
DENSOTECHNO
Tokyo R&D
Tokio Marine & Nichido Fire Insurance
TOKYO BOEKI TECNO-SYSTEM
TOHNICHI Mfg
Toray Industries,
TOYOTA TECHNOCRAFT
NISHIKAWA RUBBER
Nishitetsu M-TECH
NICHIRIN
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Japan Auto Parts Industries Association
Delphi Automotive Systems Japan,
NGK SPARK PLUG
Networkd
PIOLAX
Virtual Mechanics
Bando Chemical Industries,
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MITSUBISHI STEEL MFG.
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YUTAKA SEIMITSU KOGYO

■ E Class

Takada kogyo
Tokyo-to Jidousha Jigyo Kyokai
Association for the Promotion of Electric Vehicles
HOTEL KANZE
Hattasan Meibutsu Dango

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Japan Automobile Manufacturers Association
ONO Sokki
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Toyota Motor Higashi-Fuji Technical Center
VIMO
Yamaha Motor
YAMATO GLOBAL LOGISTICS JAPAN
YAZAKI

(As of August 1,2013)

Awards

	Awards		Extra Prize	Sponsored by
Outstanding Performance Awards	Minister of Economy, Trade and Industry Award	Best overall in Dynamic & Static Events	—	
	Minister of Land, Infrastructure, Transport and Tourism Award	This award recognizes the team who receives the best overall rating in safety, environmentally-friendly and advanced technology	—	
	Governor of Shizuoka Prefecture Award	This award recognizes the team who receives the best overall rating in Static Events, Acceleration, Skid-pad, Autocross, Noise, Efficiency, Safety, and Weight Reduction	—	
	JAMA Chairman Award	This award recognizes all the teams who participated in all Static & Dynamic events, and who accomplished all the events	Total 600,000yen	JAMA
	ICV Spirit of Excellence Award	This award recognizes the top 6 finishers overall of ICV class	① 100,000yen ② 90,000yen ③ 80,000yen ④ 60,000yen ⑤ 50,000yen ⑥ 40,000yen	ONO Sokki
	EV Spirit of Excellence Award	This award recognizes the best overall of EV class	① 50,000yen + Prize	Daikin Industries/ Shizuoka Prefecture
	Cost Award	This award recognizes the top 3 teams who receive the best score in Cost and Manufacturing Inspections	① 25,000yen ② 10,000yen ③ 5,000yen	DEWETRON Japan
	Design Award	Top 3 teams who receive the best score in Design	① 50,000yen ② 30,000yen ③ 20,000yen	Autech Japan
	Presentation Award	Top 3 teams who receive the best score in Presentation	① 40,000yen ② 30,000yen ③ 10,000yen	Toyo Tire & Rubber
	Acceleration Award	Top 3 teams who receive the best score in Acceleration	① 50,000yen ② 30,000yen ③ 20,000yen	Sumitomo Rubber Industries
	Skid-pad Award	Top 3 teams who receive the best score in Skid-pad	① 25,000yen ② 10,000yen ③ 5,000yen	The Yokohama Rubber
	Autocross Award	Top 3 teams who receive the best score in Autocross	① 40,000yen ② 30,000yen ③ 10,000yen	Bridgestone
	Endurance Award	Top 3 teams who receive the best score in Endurance	Prize	MOTUL
	Efficiency Award	Top 3 teams who receive the best score in Efficiency	① 50,000yen ② 30,000yen ③ 20,000yen	Nihon Michelin Tire
	Rookie Award (ICV Class)	This award recognizes the top rookie team of ICV class participating in FSAE Competition in Japan for the first time	① 20,000yen	Jl Accident & Fire Insurance
	Rookie Award (EV Class)	This award recognizes the top rookie team of EV class participating in FSAE Competition in Japan for the first time	① 20,000yen	Jl Accident & Fire Insurance
	CAE Award	This award recognizes the most effective application of CAE	① 50,000yen ② 30,000yen ③ 20,000yen	Altair Engineering
	Lightweight Engineering Award (ICV Class)	This award recognizes the lightest vehicle of ICV class in the competition ^{*1}	① 30,000yen ② 20,000yen ③ 10,000yen	FUKAI MFG
	Lightweight Engineering Award (EV Class)	This award recognizes the lightest vehicle of EV class in the competition ^{*1}	① 20,000yen	FUKAI MFG
	Best Suspension Awards	This award recognizes the team whose sprit of suspension is deserving of great praise	① 30,000yen ② 20,000yen ③ 10,000yen	ZF Japan
Best Improvement Award	This award is intended to reward the team whose improvement in score is most outstanding compared to the last competition ^{*2}	Prize	Nicole Racing Japan	
EV Autocross Award	Top team who receive the best score in Autocross of EV Class	① 15,000yen	Association for the Promotion of Electric Vehicles	
Sportsmanship Award	This award recognizes the 3 team whose sprit of sportsmanship is deserving of great praise	① 25,000yen each	Tamadic	

*1 The team must participate in all events except Endurance.

*2 The team must participate in all events.

Organizer/Support/Committee Members

2013 Student Formula Japan is

Organized by

Society of Automotive Engineers of Japan (JSAE),

Under the patronage of

Ministry of Education, Culture, Sports, Science and Technology / Ministry of Economy, Trade and Industry / Ministry of Land, Infrastructure and Transport / Shizuoka Prefecture / Kakegawa City / Fukuroi City / Kakegawa City Board of Education / Fukuroi City Board of Education / Kakegawa Chamber of Commerce & Industry / Fukuroi Chamber of Commerce & Industry / Japan Automobile Manufacturers Association / NHK / Tokyo Broadcasting System / TV Asahi Corporation / The Shizuoka Shimbun / Shizuoka Broadcasting System / Shizuoka Asahi TV / Asahi Shimbun Publishing / The Yomiuri Shimbun / The Mainichi Newspapers / Nihon Keizai Shimbun / Nikkan Kogyo Shimbun / Fuji Sankei Business i. / Nikkan Jidosha Shimbun / Shizuoka Daiich TV / Shizuoka Telecasting, / FISITA

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Competition Staffs Members

■ Student Formula Japan Competition Staff Members

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HORIBA,

Isuzu Motors Limited

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Kawasaki Heavy Industries,

Komatsu

Mazda Motor

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Meister Club, Honda

Mitsubishi FUSO Truck and Bus

Mitsubishi Motors

NHK Spring

Nissan Motor

Nissan Shatai

Nissan Techno

Nissin Kogyo

NSK Warner K.K

Oiles

ONO Sokki

Press Kogyo

Protrad

Sato Press Kogyo

SHOWA

SOMOS

Sumitomo Rubber Industries,

Suzuki Motor

The Yokohama Rubber

Tokyo R&D

Toyo Denki

Toyo Tire & Rubber

Toyota Auto Body

Toyota Industries

Toyota Motor

Toyota Technical Development

UD Trucks

Yamaha Motor

Yorozu

ZF Japan

Aichi Institute of Technology

Chubu University

Fukui University of Technology

Honda Technical College KANSAI

Kanagawa Institute of Technology

Kanazawa University

Kokushikan University

Nihon University

Shizuoka Institute of Science and Technology

Shizuoka University

Sophia University

The University of Tokyo

Tokyo Metropolitan University

Yokohama National University

Volunteer

Team Information (Vehicle Specifications)

Car No	School Name	Color s	Frame	Body-work	Suspension		① Overall Length ② Overall Height ③ Wheelbase ④ Front Track ⑤ Rear Track			① Gross Vehicle Mass ② Fr.Rr Weight Dist. ③ Ground Clearance		
					① Front	② Rear						
1	Kyoto Institute of Technology	blue	steel spaceframe	Fibercarbon and glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2550 mm ② 1180 mm ③ 1550 mm ④ 1150 mm ⑤ 1100 mm	① 165 kg ② 46:54 ③ 40 mm				
2	Osaka University	Black & Lime Green	Steel Tubular Space Frame with Carbon Fiber Composite Structure in rear section	GFRP	① Double unequal length A-arm Push rod with Stabilizer ② Double unequal length A-arm Push rod with Stabilizer		① 2847 mm ② 1270 mm ③ 1560 mm ④ 1225 mm ⑤ 1175 mm	① 220 kg ② 48:52 ③ 30 mm				
3	Doshisha University	blue & white	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2815 mm ② 1166 mm ③ 1575 mm ④ 1200 mm ⑤ 1200 mm	① 255 kg ② 48:52 ③ 30 mm				
4	Nagoya University	Pearl White	steel spaceframe	Fiber - Carbon	① Double wishbone unequal length A-arm Pull rod ② Double wishbone unequal length A-arm Push rod		① 3030 mm ② 1250 mm ③ 1550 mm ④ 1200 mm ⑤ 1200 mm	① 235 kg ② 50:50 ③ 20 mm				
5	Ibaraki University	White/Red/Black	Steel spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 3060 mm ② 1250 mm ③ 1600 mm ④ 1180 mm ⑤ 1150 mm	① 222 kg ② 48:52 ③ 25 mm				
6	Meijo University	blue	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2650 mm ② 1250 mm ③ 1550 mm ④ 1140 mm ⑤ 1120 mm	① 210kg ② 49:51 ③ 50 mm				
7	Chiba University	white	steel spaceframe	GFRP & CFRP	①② Double Unequal Length A-arm Pull rod with Adjustable Stabilizer		① 2860 mm ② 1196.3mm ③ 1600 mm ④ 1200 mm ⑤ 1200 mm	① 260 kg ② 47.5:52.5 ③ 42.7 mm				
8	Shizuoka Institute of Science and Technology	Leyton Blue	steel spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2810mm ② 1500mm ③ 1600mm ④ 1180mm ⑤ 1150mm	① 215kg ② 48:52 ③ 50 mm				
9	Nihon Automobile College	Orange Metallic	Steel spaceframe	GFRP	① Double unequal length A-Arm Push rod ② Double unequal length A-Arm Push rod		① 2731 mm ② 1325 mm ③ 1675 mm ④ 1200 mm ⑤ 1200 mm	① 260 kg ② 47:53 ③ 50 mm				
10	Kobe University	dark metallic blue	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 3000mm ② 1330mm ③ 1590mm ④ 1200mm ⑤ 1200mm	① 298 kg ② 50:50 ③ 30 mm				
11	Honda Technical College Kanto	Tricolor	steel spaceframe	Plastic Pet	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2065mm ② 1089mm ③ 1540mm ④ 1213mm ⑤ 1053mm	① 165kg ② 40 : 60 ③ 44mm				
12	Hiroshima University	deep royal purple & black	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2825mm ② 1130mm ③ 1560mm ④ 1200mm ⑤ 1160mm	① 230kg ② 50:50 ③ 50mm				
13	Tokyo City University	Blue	steel spaceframe	GFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2982mm ② 1012mm ③ 1560mm ④ 1200mm ⑤ 1200mm	① 225kg ② 49:51 ③ 33mm				
14	Hokkaido University	Green	Steel Spaceframe	GFRP	① Double unequal length A-arm Pull rod with Stabilizer ② Double unequal length A-arm Pull rod with Stabilizer		① 2960 mm ② 1135 mm ③ 1700 mm ④ 1280 mm ⑤ 1230 mm	① 230 kg ② 47:53 ③ 45 mm				
15	Osaka Institute of Technology	yellow & black	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2850 mm ② 1163 mm ③ 1700 mm ④ 1200 mm ⑤ 1200 mm	① 280 kg ② 40:60 ③ 40.5 mm				
16	Utsunomiya University	green	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2700 mm ② 1160 mm ③ 1560 mm ④ 1180 mm ⑤ 1130 mm	① 225 kg ② 47:53 ③ 34 mm				
17	Tokyo Science of University	Black and Pink	steel spaceframe	CFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2860 mm ② 1260 mm ③ 1610 mm ④ 1200 mm ⑤ 1200 mm	① 235 kg ② 50:50 ③ 50 mm				
18	Tokai University	Black & Blue	Semi carbon mono-coque	CFRP	① Double direct suspension ② Double direct suspension		① 2700mm ② 1100mm ③ 1530mm ④ 1200mm ⑤ 1200mm	① 215 kg ② 50:50 ③ 30 mm				
19	University of Yamanashi	electric blue	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2900mm ② 1100mm ③ 1580mm ④ 1220mm ⑤ 1220mm	① 230kg ② 50:50 ③ 50mm				
20	Kogakuin University	blue	steel spaceframe	Fiber-carbon	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 3057 mm ② 1230 mm ③ 1600 mm ④ 1260 mm ⑤ 1210 mm	① 220kg ② 45:55 ③ 50mm				
21	Yokohama National University	Black & Wine red	Steel Spaceframe	CFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2700 mm ② 1050 mm ③ 1750mm ④ 1270 mm ⑤ 1270 mm	① 207 kg ② 43:57 ③ 38 mm				

Wheels & Tires	① Engine ② Displacement ③ max. power ④ max.torque	Induction type Fuel tank Volume	Shifter	Final Drive & Differential	① Front ② Rear	Unique Features & Notes
10inch Hoosier 18.0 × 6.0-10	① SUZUKI LT-R450 K6 L404 ② 450cc ③ 40ps/9000rpm ④ 36Nm (3.7kgf) /7000rpm	Naturally aspirated 3.2L	Manual	Differential	① 2outboard ② 1inboard Nissin calipers	Drivability
13x7.0 OZ-Racing, 20.5x7.0-13(Fr.) 20.0x7.5-13(Rr.) Hoosier R25B	① ZX600P7F Kawasaki ZX-6R ② 599cc ③ 91ps/12500rpm ④ 6.9kgf/7200rpm	Naturally aspirated 3.5L	Pneumatic Shifter	Chain Drive 3.6:1 Clutch-type Drexler L.S.D	① 2 outboard ② 2 outboard Nissin calipers	• CF Composite Structure in rear section • Oilpan Rigidly-Fastened with Frame • Variable Intake Volume System • Hydraulic Clutch • Pneumatic Shifter • Dry Sump • Barrel Throttle • Launch & Traction Control System • CFRP Suspension Arm & Rod • Front Wing • Rear Wing
13inch RS Watanabe 180/510 20.5-7.0-13 Hoosier	① Kawasaki Ninja ZX-6R ② 599 cc ③ 67.2ps/9500rpm ④ 5.0kgf/9200rpm	Naturally aspirated 5.5L	Manual	Chain Drive LSD	① 2 outboard ② 2 outboard Nissin calipers	
13inch O.Z Racing 205/510 R13 Continental	① PC40E HONDA CBR600RR ② 599cc ③ 90ps/11000rpm ④ 6.9kgf/7800rpm	Naturally aspirated 4.9L	Sequential Manual	Chain Drive Mechanical LSD	① 2 outboard ② 2 outboard Nissin calipers	Front Wing Rear Wing Undertray Twin barrel throttle
13inch TWS AI Wheel 20.5 × 7.0 Hoosier R25B	① GSX-R600 L3 ② 599cc ③ 78ps/11000rpm ④ 6.1kgf/7500rpm	Naturally aspirated 3.5L	Electric Shifter	Chain Drive & DREXLER	① 4 outboard ② 2 outboard Nissin calipers	Equal length drive shaft is integrated with the hub
13inch RS WATANABE Mag 8 spokes 20.5 × 70-13 Hoosier	① YAMAHA WR450FW J326E ② 450cc ③ 29.1kw/8000rpm ④ 37.7Nm7000rpm	Naturally aspirated 3.4L	Manual	Chain Drive LSD	① 2 outboard Brembo calipers ② 2 outboard Nissin calipers	
13inch RAYS TE37 20.5x7.0-13 R25A Hoosier	① 2009 YAMAHA YZF R-6 ② 599cc ③ 80ps/9000rpm ④ 55Nm/7500rpm	Turbocharged 5.4L	Electric Shifter, Paddle Button Operated	Chain Drive FCC TRAC	① 2 outboard ② 2 outboard Nissin calipers	1.Turbocharger 2.Engine controlled by Microtec ECU 3.3D Printed Surgetank 4.Firewalls using umbrella(R) 5.Brake Proportioning Valve
13inch RAYS TE37 20.5/6.0-13 Hoosier	① SUZUKI LT-R450 ② 450cc ③ 40ps/7500rpm ④ 3.8kgf/6000rpm	Super Charger 3.5L	Manual	Chain LSD	① 2 outboard ② 1 inboard Brembo calipers	S/C Engine CFRP Body-work MR Damper Variable Pedal Mount
13inch TWS 20.5 × 7.0-13 Hoosier	① PC40E HONDA CBR600 R R ② 599 cc ③ 78.6 ps/9415 rpm ④ 5.6 kgf/9155 rpm	Naturally aspirated 5.0L	Electric Shifter	Chain Drive & F.C.C TRAC	① 2 outboard ② 2 outboard Wilwood calipers	Long Wheelbase, and Safety
13inch Braid Aluminum Wheel 20.5 × 7.0-13 Hoosier R25B	① 2007 Kawasaki ZX-6R ② 600cc ③ 75ps/11000rpm ④ 5.1kgf/5700rpm	Naturally aspirated 4.8L	Manual	Chain drive FCC Cam type limited slip	① Dual piston ② Single piston	Variable Intake System Full Aero Device
10inch Hoosier 18.0 × 6.0-10	① PE06E HONDA CRF450X ② 450cc ③ N/A ④ N/A	Naturally aspirated 3.5L	Paddle Shift/Cable and mechanical systems attach to the steering shaft	Belt Drive 3.0:1 F.C.C.TRAC	① 2 outboard ② 2 outboard AJP calipers	Belt Drive Mechanical Paddle Shift
13inch RS Watanabe 180/520-13 Hoosier	① Kawasaki / Ninja ZX-6R ② 599cc ③ 71ps/10000rpm ④ 5.1kgf/8000rpm	Naturally aspirated 4.5L	Manual	Chain Drive F.C.C LSD	① 2 outboard ② 2 outboard Nissin calipers	
13inch Watanabe Mag EIGHT SPOKE 20.5 × 7.0-13Hoosier	① PC40E HONDA CBR600RR ② 599cc ③ 85ps/10000rpm ④ 6.1kgf/7500rpm	Naturally aspirated 3.8L	Manual	ChainDrive F.C.C. TRAC	① 2 outboard ② 2 outboard Nissin calipers	Slipper Clutch, Adjustable Pedal unit
10inch RS Watanabe 18.0/6.0-1.0 Hoosier Bias	① PC40E HONDA CBR600RR ② 599cc ③ 85ps/11000rpm ④ 6.0kgf/8000rpm	Naturally aspirated 5.5L	Manual	Chain Drive / F.C.C. LSD	① 2 outboard ② 2 outboard Nissin calipers	Progressive Suspension
RAYS WHEELS 13inch 20.5 × 6.0-13 Hoosier R25B	① 2008 SUZUKI / GSX-R600 4cylinder ② 599cc ③ 70ps/13000rpm ④ 5.0kgf/11500rpm	Naturally aspirated 4.2L	Electric Magnetic	Chain Drive F.C.C TRAC	① 2 outboard ② 2 outboard Nissin calipers	Paddle Shift 3 Pedal
13inch ENKEI 178/520-13 Hoosier Bias	① PC40E HONDA CBR600RR ② 599cc ③ 93ps/12000rpm ④ 6.8kgf/8000rpm	Naturally aspirated 5.0L	Manual	ChainDrive/ F.C.C. TRAC	① 2 outboard ② 2 outboard Nissin calipers	• DrySump • Diffuser
13inch RS Watanabe 20.5 × 7.0-13 Hoosier Bias	① PC40E HONDA CBR600RR ② 599cc ③ 67PS/10500rpm ④ 4.7kgf/9000rpm	Naturally aspirated 5.0L	Sequential Shift	Chain Drive F.C.C TRAC	① 2 outboard ② 2 outboard Nissin calipers	Damper Hand clutch 2 Pedal system Oil pan design Torsion bar
13inch TWS Mg Wheel 20.5 × 7.0-13 Hoosier	① SUZUKI GSX-R600 ② 599cc ③ 58.4ps/10000rpm ④ 62Nm/7500rpm	Naturally aspirated 5.2L	Manual	Chain Drive F.C.C TRAC	① 2 outboard ② 2 outboard Nissin calipers	• Semi Carbon Monocoque • Special MG Wheels • Center Lock • CFRP toe lod • Evolution suspension
13inch RAYS TE37 20.5/7.0-13 HoosierBias	① N730 SUZUKI GSR600 ② 600cc ③ 72ps/9000rpm ④ 5.2kgf/7500rpm	Naturally aspirated 5.6L	Manual	Chain LSD	① 2 outboard Brembo calipers ② 1inboard Tokiko calipers	CFRP surge tank
13inch RAYS 20.5/7.0-13 Hoosier Bias	① PC40E HONDA CBR600RR ② 599cc ③ ④	Naturally aspirated 6L	Manual	ChainDrive/ F.C.C TRAC LSD	① 2 outboard ② 2 outboard Brembo calipers	
10 inch Keizer Aluminium Wheel Front 18.0/6.0-10R25B Hoosier Rear 18.0/7.5-10R25B Hoosier	① PC37E HONDA CBR600RR ② 599cc ③ 63kW(85.7PS)/10500rpm ④ 64Nm(6.5kgfm)/9500rpm	Naturally aspirated 4.0L	Electric shifter	Shaft Drive & F.C.C. TRAC	① 2 outboard ② 2 outboard Nissin calipers	Unique design finaldrive unit

Team Information (Vehicle Specifications)

Car No	School Name	Color s	Frame	Body-work	Suspension		① Overall Length			① Gross Vehicle Mass		
					① Front	② Rear	② Overall Height	③ Wheelbase	④ Front Track	⑤ Rear Track	② Fr.Rr Weight Dist.	③ Ground Clearance
22	Kinki University	black	Steel Spaceframe	GFRP	① Double wishbone unequal length A-arm Pushrod ② Double wishbone unequal length A-arm Pushrod		① 2755mm	② 1180mm	③ 1600mm	④ 1190mm	⑤ 1190mm	① 235kg ② 47:53 ③ 50mm
23	Kyoto University	Pearl White & Dark Blue	Aluminum space-frame	CFRP	① Double unequal length A-arm Pull rod ② Multi link Push rod		① 2600 mm	② 1118 mm	③ 1550 mm	④ 1250 mm	⑤ 1250 mm	① 170 kg ② 47:53 ③ 25 mm
24	Osaka City University	orange	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Multi link unequal length Push rod		① 2615mm	② 1230mm	③ 1535mm	④ 1230mm	⑤ 1230mm	① 250kg ② 47:53 ③ 45mm
25	College of Science & Technology, Nihon University	tricolour	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2556mm	② 1304mm	③ 1530mm	④ 1230mm	⑤ 1230mm	① 240kg ② 45:55 ③ 54mm
26	Kurume Institute of Technology	black and white	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2730 mm	② 1170 mm	③ 1540 mm	④ 1200 mm	⑤ 1180 mm	① 190 kg ② 48:52 ③ 60 mm
27	Sophia University	passion red	carbon monocoque	CFRP	① Double unequal length A-arm pull rod ② Double unequal length A-arm pull rod		① 3092 mm	② 1480 mm	③ 1560 mm	④ 1200 mm	⑤ 1200 mm	① 190 kg ② 50:50 ③ 25 mm
28	Institute of Technologists	Navy Blue	Carbon FRP	Carbon FRP	① Double wishbone suspension ② Double wishbone suspension		① 2234 mm	② 1083 mm	③ 1540 mm	④ 1100 mm	⑤ 1007 mm	① 230 kg ② 50:50 ③ 60 mm
29	Tongji University	red and black	steel spaceframe	Carbon Fiber	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2330 mm	② 1140 mm	③ 1620 mm	④ 1250 mm	⑤ 1170 mm	① 227 kg ② 45:55 ③ 45 mm
30	Toyohashi University of Technology	Black / white	Carbon fiber monocoque	Carbon fiber	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2930 mm	② 1125 mm	③ 1550 mm	④ 1210 mm	⑤ 1110 mm	① 180 kg ② 50:50 ③ 35 mm
31	Shizuoka University	orange	steel spaceframe	Carbon-Fiber-Reinforced Plastic	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① ②	③ 1590	④ 1210	⑤ 1180		① 220kg ② 48:52 ③ 40mm
33	Nagoya Institute of Technology	blue	steel spaceframe	C F R P	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2600 mm	② 1100 mm	③ 1600 mm	④ 1100 mm	⑤ 1100 mm	① 150 kg ② 47:53 ③ 30 mm
34	Kyushu Institute of Technology	red	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2860 mm	② 1090 mm	③ 1600 mm	④ 1200 mm	⑤ 1200 mm	① 225 kg ② 50:50 ③ 50 mm
35	Osaka Sangyo University	red black	steel spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2740 mm	② 1143 mm	③ 1560 mm	④ 1200 mm	⑤ 1200 mm	① 244 kg ② 45 : 55 ③ 42 mm
36	Kanazawa Institute of Technology	Red	steel spaceframe	GFRP	① Aluminum alloy Double unequal length A-arm Pullrod ② Aluminum alloy Double unequal length A-arm Pull rod		① 2850 mm	② 1055 mm	③ 1550 mm	④ 1200 mm	⑤ 1200 mm	① 220kg ② 48:52 ③ 45mm
37	Gifu University	black	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2700mm	② 1135mm	③ 1580mm	④ 1200mm	⑤ 1180mm	① 215kg ② 40 : 60 ③ 30mm
38	Keio University	black	steel spaceframe	polycarbonate	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2710 mm	② 1130 mm	③ 1530 mm	④ 1270 mm	⑤ 1220 mm	① 165 kg ② 48:52 ③ 45 mm
39	Honda Technical College Kansai	White & Vermilion	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod with stabilizer ② Double unequal length A-arm Pull rod with stabilizer		① 3000 mm	② 1017 mm	③ 1640 mm	④ 1200 mm	⑤ 1180 mm	① 250 kg ② 40:60 ③ 44 mm
40	Shibaura Institute of Technology	yellow & black	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2828 mm	② 1115 mm	③ 1600 mm	④ 1200 mm	⑤ 1200 mm	① 240 kg ② 48:52 ③ 30 mm
41	Niigata University	deep green	steel spaceframe	GFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2833 mm	② 1070 mm	③ 1570 mm	④ 1250 mm	⑤ 1250 mm	① 254kg ② 44:56 ③ 40 mm
42	Okayama University	black and green	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2700 mm	② 1087 mm	③ 1600 mm	④ 1200 mm	⑤ 1160 mm	① 180 kg ② 50:50 ③ 30 mm
43	Seikei University	orange	steel spaceframe	Fiber-glass	① Double unequal length non parallel A-arm pull rod ② Double unequal length non parallel A-arm push rod		① 2785 mm	② 1315 mm	③ 1625 mm	④ 1180 mm	⑤ 1220 mm	① 230kg ② 40:60 ③ 40mm

Wheels & Tires	① Engine ② Displacement ③ max. power ④ max.torque	Induction type Fuel tank Volume	Shifter	Final Drive & Differential	① Front ② Rear	Unique Features & Notes
13inch RAYS 20.5x7.0-13 Hoosier R25B	① Kawasaki ZX600PE ② 599cc ③ 87ps/10000rpm ④ 7.2kg-m/8000rpm	Mechanical super charged 5.5L	Manual Sequen- tial	Chain Drive F.C.C TRAC LSD	① 2 outboard ② 2 outboard Nissin cali- pers	Dry Sump Mechanical super charged
10inch Douglas ATV Wheel 18.0/6.0-10 Hoosier Bias	① YAMAHA WR450F J326E ② 449cc ③ 45ps/8500rpm ④ 4.0kgf/7500rpm	Naturally aspi- rated 3.0L	Manual	Shaft Drive & F.C.C TRAC	① 2 outboard ② 2 outboard wilwood Calipers	
13inch Hayashi street 20.5/6.0-13 Hoosirr	① Kawasaki ZX600R9F ② 599cc ③ 79ps/10400rpm ④ 5.9kgf/9400rpm	Naturally aspi- rated 4.5L	Manual	Chain drive F.C.C TRAC	① 2 outboard ② 2 outboard Nissin cali- pers	Multi link Suspension
13inch watanabe 8spoke Mg20.5 x 7.0 R25B	① 2008 YAMAHA YZF-R6 ② 599cc ③ 80ps/10000rpm ④ 5.5kgf/9000rpm	Naturally aspi- rated 4.7L	Electric aspirated shifter	Chain Drive LSD	① 2 outboard ② 2 outboard	Electric shifter Electric water pump
13inch RAYS TE37 Hoosier 20.5 x 6.0 -13	① L404 SUZUKI LT-R450 ② 450cc ③ 50ps/7500rpm ④ 4.6kgf/7200rpm	Turbocharged 5L	Manual	Chain Drive Mechanical LSD	① 2 outboard ② 1inboard brembro cali- pers	Turbocharger Single Cylinder Engine
13inch original carbon wheel Hoosier 20.5 x 7.0-13 R25B	① YAMAHA WR450F ② 450cc ③ 41.2kW/9000rpm ④ 52.5N · m/7000rpm	Naturally aspi- rated 4L	Manual	Chain drive FCC TRAC	① outboard ② outboard Willwood calipers	3 element wings with DRS and diffuser Adapted intake plenum Center keel under the monocoque
13inch RAYS TE37 20.5/6.0-13 Hoosier Bias	① PC40EHONDA CBR600RR ② 599cc ③ 69ps/11500rpm ④ 5.2kgf/7000rpm	Naturally aspi- rated 6.0L	Manual Electric Shifter	Chain Drive F.C.C TRAC LSD	① 2 outboard ② 2 outboard Willwood calipers	Short Dread
13inch 21x8-13 R25A Continental	① GSX-R-600 ② 599cc ③ 55kW/8000rpm ④ 80Nm/7000rpm	Naturally aspi- rated 4.3L	Electro Pneu- matic Shifting	ShaftTorsen	① 2 outboard ② 2 outboard Wilwood calipers	Information-integrated Steering wheel, Traction Control, Electro Pneumatic Shifting
13inch Original designed carbon wheel R25B 20.5 x 7.0 - 13 Hoosier Bias	① PC37E HONDA CBR600RR ② 599cc ③ 78.4ps / 11000rpm ④ 5.4kgm / 9600rpm	Naturally aspi- rated 4.7L	Manual	SURETRAC limited slip dif- ferential	① 2 outboard ② 2 outboard Brembo cali- pers	Carbon fiber monocoque, Carbon brake rotor, Original designed carbon wheels
13inch OZ-Racing	① K4 SUZUKI GSX-R600 ② 599cc ③ 79ps/1100rpm ④ 6.3kgf/900rpm	Naturally aspi- rated 4.1L	Electro-pneumat- ic shifter	Shaft drive F.C.C TRAC	① 2 outboard ② 2 outboard Apcalipers	Side-Engine layout Original Differential Gear & Carrier
10inch KEIZER WHEEL Fr. 18.0 x 6.0-10 Rr. 18.0 x 6.0-10 R25B Hoosier	① YAMAHA WR450F J326E ② 450cc ③ 42.3PS/8000rpm ④ 4.10kgf/7100rpm	Naturally aspi- rated 3.0L	Manual	Chain drive & F.C.C Track	① 2 outboard Willwood calipers ② 1inboard Nissin caliper	AERODYNAMICS DEBUT!!!
13inch RS Watanabe 20.5/7.0-13 R25B Hoosier	① Kawasaki ZX600PE ② 599cc ③ 72ps/12000rpm ④ 4.3kgf/11500rpm	Naturally aspi- rated 5.5L	Manual	Chain Drive & FCC TRAC	① 2 outboard ② 2 outboard AJP calipers	· Shallow Oil Pan · Paddle Shift
13inch RAYS VOLK TE- 37 20.5/7.0-13 Hoosier Bias	① KAWASAKI ZX600PE ② 599 cc ③ 78ps/12000rpm ④ 5.5kgf/12000rpm	Naturally aspi- rated 5.5L	Electric actuated shift	FCCTRAC limited slip differential	① 2 Outboard ② 2 Outboard Nissin Calipers	Body cowl equipped with fenders
13 inch Magnesium alloy wheel 6.0J offset ± 0 180/510-13 Hoosier	① N735 SUZUKI GSX-R600 K9 ② 599cc ③ 80.4ps/9300rpm ④ 6.9kgf/7600rpm	Naturally aspi- rated 6.0L	Electric ac- tuated shifter/ Manual	Chain Drive, Cam & Pawl	① 2 outboard ② 2 outboard Nissin cali- pers	Aluminum alloy A-arm Original wheel
13inch RAYS TE37 180/510-13 Hoosier Bias	① SUZUKI GSR600K6 ② 599cc ③ 90ps/11000rpm ④ 6.0kgf/10000rpm	Naturally aspi- rated 5L	3-speed sequential paddle shift	Chain Drive F.C.C TRAC	① 2 outboard ② 2 outboard Nissin cali- pers	Electrical Shift, Electrical Water Pump, Double Reduction Gear, Hollow Drive Shaft, Carbon Suspension arm
10inch SUZUKI ATV Hoosier R25B	① SUZUKI LT-R450 ② 450cc ③ 50ps/8000rpm ④ 4.1kgf/7000rpm	Naturally aspi- rated 4.1L	Manual Paddle shift	Chain Drive LSD	① 2 outboard ② 2 outboard Nissin cali- pers	Light Weight Variable Intake Paddle shift Barrel Throttle
13inch RAYS TE37 175/60-R13 YOKOHAMA Radial	① PC40E HONDA CBR600RR ② 599cc ③ 100ps/13000rpm ④ 5.53kgf·m/10750rpm	Naturally aspirated 7.0L	Manual	Chane Drive F.C.C TRAC	① 2 outboard ② 1inboard Nissin calipers	Full cowl Front wing Rear Wing Exterior design looks like Honda F1 machine in the past.
13inch RAYS TE37 20.5 x 7.0-13 Hoosier	① PC37E HONDA CBR600RR ② 599cc ③ 72ps/11000rpm ④ 5.8kgf/5900rpm	Naturally aspi- rated 7L	Manual	Chain Drive Mechanical LSD	① 2 outboard Wilwood calipers ② 2 outboard Nissin cali- pers	Hand clutch, Under panel, Adjustable anti roll bar
13inch RS Wa- tanabe Magnesium 190/505_13 DUNLOP	① SUZUKI GSX-R600(K8) ② 599cc ③ 83.5ps/12,000rpm ④ 5.4kgf/10,500rpm	Naturally aspi- rated 5.0L	Manual Paddle Shifter	Chain Drive & F.C.C TRAC	① 2 outbord ② 2 outbord Nissin cali- pers	
10inch RAYS 20.5 x 7.0-13 Hoosier Bias	① Kawasaki KLX450R ② 449cc ③ 40ps/9000rpm ④ 4.0kgf/7000rpm	Naturally aspi- rated 3.0 L	Electric shifter	Chain drive Mechanical LSD	① 2 outboard ② 2 outboard Nissin cali- pers	
13inch Watanabe Mg 180/510-13 BRIDGE- STONE bias	① PC40E HONDA CBR600RR ② 599cc ③ 61.2ps/8000rpm ④ 5.8kgf/7000rpm	Naturally aspi- rated 6.0L	Manual	Chain drive & Mechanical LSD	① outboard Nissin calipers ② outboard Nissin calipers	

Team Information (Vehicle Specifications)

Car No	School Name	Color s	Frame	Body-work	Suspension		① Overall Length			① Gross Vehicle Mass		
					① Front	② Rear	② Overall Height	③ Wheelbase	④ Front Track	⑤ Rear Track	② Fr.Rr Weight Dist.	③ Ground Clearance
44	Hirosima Institute of Technology	Emperor-Green	steel space pipe frame	aluminium alloy plate	① Double unequal length A-arm Pull rod with torsionbar ② Double unequal length A-arm Pull rod with torsionbar	① 2400mm ② 1130mm ③ 1530mm ④ 1100mm ⑤ 1050mm	① 185kg ② 52:48 ③ 26mm					
45	Tokyo University of Agriculture and Technology	metallic blue and white	steel spaceframe	GFRP	① Double unequal length A-Arm. Pull rod. Stabilizer. ② Double unequal length A-Arm. Pull rod	① 2660 mm ② 1210 mm ③ 1750 mm ④ 1200 mm ⑤ 1200 mm	① 225 kg ② 40:60 ③ 30 mm					
46	University of Fukui	Orange/Black	steel spaceframe	Fiber-glass	① Double unequal length rocking A-arm ② Double unequal length rocking A-arm	① 2526.7 mm ② 1167.7 mm ③ 1570 mm ④ 1200 mm ⑤ 1200 mm	① 250 ② 50:50 ③ 62.3					
47	Tokyo Denki University	TDU Original Blue	Steel tubular space-frame	CFRP	① Double A-arms, Pull rod actuated Original spring/damper unit ② Double A-arms, Push rod actuated Original spring/damper unit	① 2472mm ② 1074mm ③ 1530mm ④ 1180mm ⑤ 1120mm	① 164kg ② 48:52 ③ 35mm					
48	Sojo University	black	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2735mm ② 1450mm ③ 1550mm ④ 1150mm ⑤ 1150mm	① 260kg ② 50 : 50 ③ 58mm					
49	Tokyo University of Science, Yamaguchi	orange	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2726 mm ② 1217 mm ③ 1575 mm ④ 1200 mm ⑤ 1200 mm	① 235 kg ② 45:55 ③ 62.3 mm					
50	Thai-Nichi Institute of Technology	black-yellow	steal spaceframe	Carbon fiber	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2740 mm ② 1240 mm ③ 1550 mm ④ 1190 mm ⑤ 1190 mm	① 220 kg ② 40:60 ③ 50 mm					
51	Kanazawa University	Blue	steel spaceframe	Wet lay-up GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2700 mm ② 1027 mm ③ 1525 mm ④ 1200 mm ⑤ 1200 mm	① 185 kg ② 49:51 ③ 30 mm					
52	Universitas Gadjah Mada	blue	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2846 mm ② 1260 mm ③ 1550 mm ④ 1200 mm ⑤ 1200 mm	① 230 kg ② 40:60 ③ 40 mm					
53	Tottori University	Black	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2265mm ② 1050mm ③ 1600mm ④ 1100mm ⑤ 1100mm	① 260kg ② 50:50 ③ 110mm					
54	Aichi Institute of Technology	Red	steel spaceframe	GFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2225mm ② 1255mm ③ 1562mm ④ 1200mm ⑤ 1206mm	① 240kg ② 45:55 ③ 50mm					
55	Ritsumeikan University	Black	Steel Spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2590 mm ② 1090 mm ③ 1570 mm ④ 1170 mm ⑤ 1160 mm	① 220kg ② 49:51 ③ 38mm					
56	Toyota Technical College Nagoya	Blue, White, Red	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2788mm ② 1220mm ③ 1580mm ④ 1250mm ⑤ 1182mm	① 265 kg ② 35:65 ③ 20mm					
57	Setsunan University	deep blue	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 3230 mm ② 1260 mm ③ 1590 mm ④ 1475 mm ⑤ 1480 mm	① 300kg ② 40:60 ③ 60 mm					
58	Meisei University	black&red	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2803mm ② 1255mm ③ 1625mm ④ 1200mm ⑤ 1100mm	① 206kg ② 40:60 ③ 60mm					
59	College of Industrial Technology, Nihon University	black	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2147mm ② 1254.7mm ③ 1540mm ④ 1140mm ⑤ 1180mm	① 189.8kg ② 49:51 ③ 40mm					
60	Saitama Institute of Technology	yellow	steel spaceframe	FRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2810 mm ② 1050 mm ③ 1600 mm ④ 1200 mm ⑤ 1200 mm	① 260 kg ② 48:52 ③ 25.4 mm					
61	Institut Teknologi Bandung	Red with White Strip	Chromoly Tube Frame	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2305 mm ② 1247 mm ③ 1590 mm ④ 1180 mm ⑤ 1140 mm	① 240 kg ② 46:54 ③ 70 mm					
62	Aoyama Gakuin University	white & Green	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2820 mm ② 1043mm ③ 1550 mm ④ 1200 mm ⑤ 1200 mm	① 220 kg ② 50:50 ③ 55 mm					
64	Okayama University of Science	yellow green	steel spaceframe	Aluminium alloy plate	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2555mm ② 1280mm ③ 1600mm ④ 1200mm ⑤ 1200mm	① 280kg ② 40:60 ③ 60mm					
65	Nippon Institute of Technology	Purple	steel spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2795mm ② 1100mm ③ 1540mm ④ 1250mm ⑤ 1200mm	① 185kg ② 50:50 ③ 35mm					

Wheels & Tires	① Engine ② Displacement ③ max. power ④ max.torque	Induction type Fuel tank Volume	Shifter	Final Drive & Differential	① Front ② Rear	Unique Features & Notes
13inch alminium wheel onepeace 180/510-13 BRIDGE-STONE Bias	① LX450AE00SS35 KLX450R ② 449cc ③ 25ps/7000rpm ④ 3.5kg · m/5000rpm	Naturally aspirated 3.7L	Manual	chain drive no diff	① 2 outboard discbrake ② 1inboard disc brake nisin caliper	torsion bar suspension Aluminum cowl
6 inch wide, 1pc Alminum RAYS RAS 180/510-13 DR8 BRIDGESTONE Bias	① PC40E HONDA CBR600RR ② 600cc ③ 78ps/12,000rpm ④ 5.8kg m/8,000rpm	Naturally aspirated 6L	Electric semi-automatic shifter	Chain drive FCC TRAC	① 2 outboard ② 2 outboard Nissin calipers	
13inch RAYS 160/515-13 YOKOHAMA Bias	① SUZUKI GSR-600 K6 ② 599cc ③ 60.8kW/11,000rpm ④ 58.2Nm/7,300rpm	① Naturally ② Aspirated ③ 6.5L	Manual	Chain drive F.C.C.TRAC	① 2 outboard ② 2 outboard Nissin calipers	
10inch KEISER Rim with Original Dish 6.0/18.0-10 Hoosier Bias	① HONDA CRF450X ② 450cc ③ 48ps/7500rpm ④ 4.8kgf/7000rpm	Naturally aspirated 3.8L	Manual	Chain drive FCC TRAC	① 2 outboard ② 2 outboard TDU original calipers	
13inch LAYS 180/510-13 Hoosier	① PC40E HONDA CBR600RR ② 599cc ③ 69ps/11500rpm ④ 5.2kgf/8500rpm	Naturally aspirated 7.5L	Manual	Chaun Drive&F. C.C.TRAC	① 2 outboard ② 2 outboard Brembo calipers	
13inchi TE37 20.5 x 6.0-13 Hoosier R25B	① PC40 HONDA CBR600RR ② 600cc ③ N/A ④ N/A	Naturally aspirated 7.0L	6 spedd sequential	Suretrac Limited Slip Diff	① 2 outboard ② 2 outboard Nissin calipers	
10inch weld design 18.0x6.0-10 HOOSIER Bias	① HONDA CBR500 ② 471cc ③ N/A ④ N/A	Naturally aspirated 5.5L	Electric gear shifter	N/A	① 2 outboard Brembo calipers ② 1inboard Nissin calipers	
13inch RAYS TE37 180/510-13 Bridgestone Bias	① SUZUKI LT-R450 ② 450cc ③ 40.5ps/9000rpm ④ 50N · m/6500rpm	Naturally aspirated 4.0L	Electric Shifter	Chain Drive, Mechanical LSD	① 2 outboard ② 2outboard AP calipers	· Student Designed ECUs with CAN · Plastic Intake System
13inch RACING FORG 20x7.5-13 HOOSIER TIRE (wet) 20x7.5 HOOSIER TIRE (dry)	① HONDA CBR600RR ② 600cc ③ 75ps/11500rpm ④ 75.3Nm/9000rpm	Naturally aspirated 5.0 L	Electric Shifter	Chain drive 3.92:1 limited slip differential	① 4 outboard Tokico calipers ② 2 outboard Brembo calipers	LSD, Stub Axle, Equal Torsional Stiffness Axle, Hydraulic Clutch
Hoosier4316 20.5 x 7.0-13(C2500) KOSEI JAPAN TSversion 1360FT	① KAWASAKI ZX-6R (09Model) ② 599cc ③ No data ④ No data	Naturally aspirated 6.0L	Manual	Chain F.C.C TRAC	① 2 outboard ② 2 outboard Nissin calipers	
13inch OZ OZ Racing 7J of22 Dunlop SLICK Radial 190/505R13	① 8GR YAMAHA Venture ② 499cc ③ 80ps/11250rpm ④ 5.2kgf/9000rpm	Naturally aspirated 4.0L	CVT	Chain Daihatsu LSD	① 2 outboard ② 2 outboard Nissin calipers	CVT
13 inch RAYS VOLK 20.5 x 7.0-13 Hoosier	① ZX600P Kawasaki ZX-6R ② 599cc ③ 76ps/13000rpm ④ 5.4kgf/7000rpm	① Li-ion ② 12V / 12.8V ③ 11kwh / Ah	Manual	Chain LSD	① 2 outboard ② 2 outboard	
Wheels Front:13inch Rays Volk TE37 Rear:13inch Hayashi Street Goodyear EAGLE RS 20 x 7.0-13 Slick	① 13ST YAMAHA YZF-R6 ② 599cc ③ 60ps/10000rpm ④ 5.0kgf/7000rpm	Naturally aspirated 5.7L	Manual	Chein drive F.C.C LSD	① 4 outboard Advics calipers ② 2outboard Brembo calipers	Torsion Bar Spring Suspension
13inch RAYS 180/520-13 HOOSIER	① SUZUKI GSX-R600 K9 ② 600cc ③ 126ps/13500rpm ④ 7.09kg-m/11500rpm	Naturally aspirated 7L	Manual	Chain drive F.C.C LSD	① 2 outboard ② 2 outboard Tokico calipers	
13inch WATANABE BRIDGESTONE Slick tyre 180/510-R13	① PE06E HONDA CRF450X ② 449cc ③ 48ps/7500rpm ④ 4.8kgf/7000rpm	Naturally aspirated 6L	Manual	Chain Drive FCC TRAC	① 2 outboard ② 1 inboard Brembo calipers	Square Pipe Frame
13inch RAYS VOLK 175/60-13 DUNLOP DIREZZA03G	① PE06E HONDA CRF450X ② 449cc ③ 50ps/9000rpm ④ 4.2kgf/5500rpm	Naturally aspirated 3.6L	Manual	Chain Drive FCC LSD	① 2 outboard ② 1inboard Nissin calipers	Carburetor
13inch RS Watanabe Mg 20.5 x 6.0-13inch R25B Hoosier Bias	① PC40E HONDA CBR600RR ② 599[cc] ③ 57[kw]/11500[rpm] ④ 52[Nm]/8500[rpm]	Naturally aspirated 6.0[L]	Manual	Chain drive F.C.C TRAC	① 2 outboard ② 2outboard Nissin calipers	· High rigidity frame and suspection · Optimization suspension geometry · Good drivability
15inch wheels & 190/570-15 ACHILLES R1 (dry) 195/50-15 ACHILLES 123 (wet)	① HONDA CBR600RR ② 600cc ③ 72.8ps/9000rpm ④ 4.1kgf/8000rpm	Naturally aspirated 4L	Manual	Limited Slip Differential	① 2 outboard ② 2 outboard Nissin calipers	
10inch RS Watanabe Aluminum EIGHT SPOKE 165/70R-10 YOKOHAMA ADVAN A032R	① YAMAHA WR450F J326E ② 449cc ③ 60ps/9000rpm ④ 5.4kgf/6500rpm	Naturally aspirated 5L	Manual	Shaft Drive & FC-CTRAC limited slip differential	① 2 outboard ② 2 outboard Brembo calipers	Front Engine- Rear drive layout, Propeller Shaft Drive, Original designed Differential Unit, paddle shift
13inch RAYS TE37 21.0 x 6.5-13 Hoosier	① KLX450R ② 449cc ③ 25ps/7000rpm ④ 3.5kgf/5000rpm	Naturally aspirated 3.5L	Manual	ShaftTorsen	① 2 outboard ② 1inboard Nissin calipers	
Front:10inch RS Watanabe &18.0 x 6.0-10 Hoosier Rear:10inch Douglas ATV Wheel&18.0 x 8.0-10 Hoosier	① 8 GR YAMAHA Venture Multi-purpose ② 500cc ③ 80ps/11250rpm ④ 5.2kgf/9000rpm	Naturally aspirated 4L	CVT, Automatic	Chain Drive & F.C.C.TRAC	① 2 outboard ② 2 outboard Nissin calipers	CVT

Team Information (Vehicle Specifications)

Car No	School Name	Color s	Frame	Body-work	Suspension		① Overall Length			① Gross Vehicle Mass		
					① Front	② Rear	② Overall Height	③ Wheelbase	④ Front Track	⑤ Rear Track	② Fr.Rr Weight Dist.	③ Ground Clearance
66	The University of Tokyo	metallic blue	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2780 mm ③ 1525 mm ⑤ 1250 mm	② 1093 mm ④ 1250 mm		① 200 kg ② 48:52 ③ 30 mm		
68	The University of Kitakyushu	Green and White	Steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2900mm ③ 1650mm ⑤ 1285mm	② 1125mm ④ 1285mm		① 280kg ② 40:60 ③ 30mm		
69	University of Toyama	black, white and red	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2700 mm ③ 1600 mm ⑤ 1150 mm	② 1260 mm ④ 1150 mm		① 300 kg ② 47:53 ③ 50 mm		
70	Waseda University	dark red	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2880 mm ③ 1660 mm ⑤ 1190 mm	② 1240 mm ④ 1210 mm		① 240 kg ② 50:50 ③ 30 mm		
71	Shizuoka Professional College of Automobile Technology	black & red	multi tubular frame	FRP	①② Wishbone Suspension		① 2650 mm ③ 1730 mm ⑤ 1140 mm	② 1060 mm ④ 1140 mm		① 200 kg ② 40:60 ③ 30 mm		
72	King Mongkut's University of Technology Thonburi	Black-Orange	steel spaceframe	Carbon Fiber	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2500 mm ③ 1550 mm ⑤ 1200 mm	② 1250.8 mm ④ 1230 mm		① 205 kg ② 40:60 ③ 60 mm		
73	King Mongkut's Institute of Technology Ladkrabang	black-hyper chrome	steel spaceframe	carbon-fiber	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2640 mm ③ 1550 mm ⑤ 1180 mm	② 1230 mm ④ 1220 mm		① 200 kg ② 45:55 ③ 25.4 mm		
74	VIT University Chennai	Dark blue	steel spaceframe	Fiber-glass	① Double unparallel unequal length A-arm push rod ② Double unparallel unequal length A-arm Push rod		① 2892 mm ③ 1600 mm ⑤ 1100 mm	② 1325 mm ④ 1300 mm		① 400 kg ② 40:60 ③ 63.5 mm		
75	Tokyo Technical College Setagaya Formula Team		steel spaceframe		① double wishbone ② double wishbone							
76	Fr. Conceicao Rodrigues College of Engineering	Black	steel spaceframe	Fibre glass reinforced plastic	① Double unequal length A-arm push rod ② Double unequal length A-arm push rod		① 2880mm ③ 1600mm ⑤ 1230mm	② 1200mm ④ 1230mm		① 240kg ② 40:60 ③ 100 mm		
77	Institut Teknologi Sepuluh Nopember	White and Blue	steel spaceframe	Carbon Fiber	① Double wisbone SLA ② Double wisbone SLA		① 2883 mm ③ 1650 mm ⑤ 1025 mm	② 1106 mm ④ 1225 mm		① 250 kg ② 40:60 ③ 40 mm		

※ Car No.32 Harbin Institute of Technology at Weihai, Car No.63 Kokushikan University, Car No.67 Shonan Institute of Technology, Car No.78 PEC University of Technology, Chandigarh

Wheels & Tires	① Engine ② Displacement ③ max. power ④ max.torque	Induction type Fuel tank Volume	Shifter	Final Drive & Differential	① Front ② Rear	Unique Features & Notes
10inch RS Watanabe 18.0 x 7.5-10 R25B Hoosier	① P515SUZUKI DL650 ② 600cc ③ 50ps/8500rpm ④ 4.5kgf/6500rpm	Naturally aspirated 4.0L	Manual	Shaft & FCCTRAC	① 2 outboard Nissin calipers ② 2 outboard Nissin calipers	V-twin Engine Front&rear wing Shaft drive
13inch RAYS TE37 DUNLOP 175/60-R13	① kawasaki ZX-6R ② 599cc ③ Unknown ④ Unknown	Naturally aspirated 7.8L	Manual	Chain drive LSD	① 2 outboard ② 2 outboard	
13inch TWS AI Wheel 20.5/7.0-13 R25B Hoosier	① PC40EHONDA CBR600F4i ② 599cc ③ 75ps/11500rpm ④ 5.4kgf/7000rpm	Naturally aspirated 7.0L	Manual	Chain Drive & F.C.C TRACK	① 2 outboard ② 2 outboard	Mechanical Pawl Shifter Cool Body design
13 inch RAYS 150/530-13 BRIDGE- STONE Bias	① SUZUKI GSX-R 600 ② 599cc ③ 66ps/11500rpm ④ 6.8kgf/10500rpm	Naturally aspirated 7.5L	Manual	Chain Drive & F.C.C. TRAC	① 2 outboard ② 2 outboard Brembo calipers	Completely Original Handmade Exhaust System, Waseda Colour, Wide Adjustable Setting,
12inch YOKOHAMA ADVAN 165/55R12 72V	① SUZUKI LT-R450 K6 L404 ② 450cc ③ 16.2kw/8000rpm ④ 28N.m/6000rpm	Naturally aspirated 4.5L	Manual	SUZUKI LT-A500F F.Differential	①② Outboard LT-R450	
13 inch Lenso EXO- speed Hoosier silk 13- 6.0 front- Hoosier silk 13-7.0 rear R25B	① PC35EHONDA CBR600F4i ② 600cc ③ 75ps/10500rpm ④ 5.0kgf/8000rpm	Naturally aspirated 6.0L	Phenumetric Shifter	Wet clutch limited slip	① 2 port Willwood calipers ② 2 port Brembo calipers	Electronic Traction control and launch control Aero dynamic package front-rear wings and diffuser
13inch aluminum alloy 180/50-10 Yokohama A005	① Suzuki LTR450 ② 450cc ③ 40ps/9500rpm ④ 40nm/7000rpm	Naturally aspirated 5.5L	Manual+Pneumatic	ratio 3.9 Torsen T2	① 2 outboard ② 2 onboard Brembo calipers	Foam impact attenuator, wireless monitor system
13inch HRS 185/60- R13 Bridgestone	① Royal Enfield Bullet Classic ② 500cc ③ 27.6ps/5250rpm ④ 4.18kgf/4000rpm	Naturally aspirated 7.13L	Manual	Quaife	① 2 outboard ② 2 outboard wilwood calipers	Double D Steering Wheel
		N	Manual	chain drive		
Front: 135/70 R12 Rear:155/70 R12 Radial Tata Nano	① Suzuki GSX-R 600 ② 600 cc ③ 105.5 hp/13000 rpm ④ 59.53 N-m/11,300 rpm	Naturally aspirated 9 L	Manual	Shaft torsen	front: 2 outboard Rear: 2 outboard	Variable ride height
① Front Hoosier BBS 13 ② Rear Hoosier BBS 13	① Kawasaki ZX6R ② 599cc ③ 88ps/12500rpm ④ 5.4kgf/7000rpm	Naturally aspirated 7.5L	Manual	Chain & differential of FF car standart	① 2 outboard ② 1inboard Brembo cali- pers	Variable Intake System and hand made ignitor

Team Information (Members and Sponsors)

[CP] Team Captain [FA] Faculty Advisor [MBR] Team Member: As of June 1, 2013

1 Kyoto Institute of Technology

● Members

[CP] Hiroyuki Inoue, [FA1] Minoru Oota, [FA2] Daisuke Iba, [FA3] Yashumasa Komaki, [MBR] Kazuya Okamoto, Akio Ahashi, Kotaro Nakatsuji, Kenichi Yanagida, Yutaro Nagai, Tetsu Shirai, Masaaki Shimizu, Ryuta Deno, Nobuaki Ikeda, Shuntarou Imanishi, Yasuhiro Takada, Kazutoshi Yoshioka, Tatsuya Kitahara, You Harano, Yasuhiro Hiraki, Yu Hashimoto, Atsushi Nishida, Ryo Itani, Junichi Tashiro, Yudai Kouno, Yuya Maeda, Shunsuke Hashimoto, Shunsuke Akahori, Shingo Kato, Kazuki Sakamoto, Hikaru Matsuyama, Kazuya Tokunaga, Toshiaki Kasuga, Nobuyuki Miyaoka, Shunsuke Hayashi, Chikara Kawabata, Yuki Inagaki, Hitoshi Kishimoto, Hideto Takaki, Kaoru Takehama, Masataka Takemoto, Keishi Tsukiyama, Shuhei Terada, Yuto Tonemi, Koichi Hasegawa, Naoto Huse, Takashi Miyake, Satoshi Tanaka

● Car Features and Team Aspirations

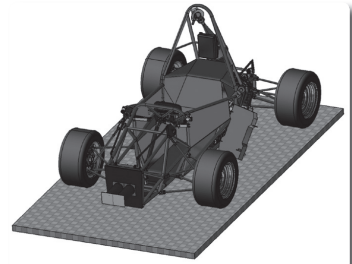
The racing car is characterized by "compact and light." It has a single-cylinder engine and fiber technology with which our university is familiar. The most significant change is weight reduction. We completed shakedown test in April 1st

to go for test-driving more frequently and to realize all potential of the vehicle.

The 1st place overall. It's where we need to go again. Especially, we're going to win Endurance.

● Team sponsors

SUZUKI, YAMAMOTO SEIKO, tango-tc, umihira, CYBERNET SYSTEMS, EXEDY, Nissin Kogyo, JFE Steel, NTN, NUTEC-JAPAN, DESIGN APPLE, D.I.D, kinoshitashoten, KYOWA KOGYO, Dassault Systèmes, HI-LEX, ITW PP&F JAPAN, MISUMI, Matsuda Seiko, Nissho Seisakusho, Tango Giken, Matsumoto Kinzoku Kogyo, Kato Gear, DU PONT-TORAY, TAKATA, AVO/MoTeC Japan, Tohnichi Mig, THK, F.C.C, Global Active Technology, KIK Engineering, Sumitomo Wiring Systems, project, Maruhachi, KINOKUNI Enterprise, HI-LEX CORPORATION, OXISO, BIWAKO SPORTS LAND, Fuji Seimitsu, Hoosier, Yotsutsuji seikoshu



2 Osaka University

● Members

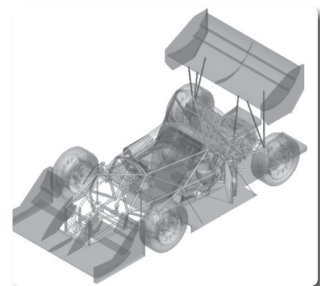
[CP] Toshiaki Sato, [FA1] Kenji Yoshida, [FA2] Fumiteru Akamatsu, [FA3] Daigo Izumi, [FA4] Jun Hayashi, [MBR] Kyohei Izumi, Tetsuya Oshio, Yuki Kirimura, Akinobu Goto, Kaname Tatani, Takumi Tokinoya, Makoto Suminaka, Satoshi Yamamoto, Wakana Kondo, Daisuke Tatani, Takeshi Harada, Sing Kouu, Ryuichi Hotta, Toshiyuki Aoki, Takuto Ishida, Naoya Kaya, Tatsuto Takeda, Daichi Oura, Kenta Tabuchi, Hiroyuki Inoue, Yushi Kato, Taichi Yano, Shogo Kajii, Ryo Osaka

● Car Features and Team Aspirations

We are subjected to various restraints in a Formula Student Activity. (e.g. Regulation, Money, Manpower) In such an environment, we developed our vehicle as optimized as possible with engineering approaches. We follow up essence of things in not only a vehicle developments, but also a project operation. Our goal is to be the winner in design and endurance events. And we will win the competition.

● Team sponsors

IDA J, Altair Engineering, Altechno, Ibaraki Kogyo, Ueda, NTN, F.C.C., Osaka University, FRC, Oxiso, OZ Japan, Kanae, KHI, Kita Kobe Circuit, KINOKUNI Enterprise, Kyowa UJ, Kubota, Software Cradle, Keihin, KOBELCO, Kokuyo Aluminum, Cybernet Systems, Sanyo Chemical Industries, Signal, Showa Aircraft Industry, Sumitomo Metal Industries, Sumitomo Electric Hardmetal, Sumitomo Wiring Systems, Sumitomo 3M, Solidworks Japan, Tiger Seisakusyo, Daito Radiator, Daihatsu Motor, TAKEUCHI DENKA, Tenhiko Sangyo, Tokyo R&D, Tohnichi, Tohgenkyo, Dretec, Nikkai Shoko, Nissin Kogyo, Nippon Welding Rod, VI-grade Japan, NHK Spring, Nippon Oil Pump, NGK SPARK PLUG, FARO Japan, Fuji Seimitsu, Bridgestone, Blenny, HOPEC, Magna International Japan, MISUMI, Mitutoyo, Minebea, MNB, Mitate Kobo, Mitsubishi Rayon, Minatogawa, MUTOH ENGINEERING, MORISHIN INDUSTRIES, Yokogawa Electric, Rays, WAKO Chemical



3 Doshisha University

● Members

[CP] Shoma Uno, [FA1] Jiro Senda, [FA2] Toru Fujii, [FA3] Shigeo Nakamura, [FA4] Tatsuya Tananka, [MBR] Kengo Iwakura, Koichi Kabeyama, Takashi Kawanaka, Daisuke Kubota, Takao Shimada, Yasuo Shimizu, Takeshi Tatsumi, Hirokazu Torii, Ryota Nishigami, Tatsuki Yamagishi, Wataru Atsumi, Yudai Fukushima, Koichi Osamura, Seiya Iwamoto, Yu Nakazawa, Naoki Kanbe, Chihiro Kubo, Shinya Nishida, Masaya Nitta, Yunosuke Omoto, Yutaka Hayashi, Yoshihito Ikeshita, Kai Aso, Kosei Ito, Ryuta Tanaka, Akinobu Saito, Hiroto Shinno, Takahiro Mori

● Car Features and Team Aspirations

Our machine concept is "Good vehicle operability and fast". We designed our vehicle "DF13" based on our machine concept. We have to design a "good balance Vehicle" and "simple Vehicle". I aim to "improve exercise performance" and "improved drivability".

● Team sponsors

Kawasaki, Horiba, Kitoh Gear, NISSIN, WAKO'S, Solidworks Japan, YANMAR, EXEDY, SUNSTAR ENGINEERING, MISUMI, NTN, YAMATO INDUSTRIAL, THK, F.C.C., HIROMITSU, Racing Service Watanabe, T.RAD, Ienovo Japan, PLOT, GS YUASA, FARO Japan, amon, Sumitomo Wiring Systems, Marusan automobile firm, ANDARE, KYOWA japan, Kinokuni enterprise, T2 Racing, DOW Building Solutions, SANWA, VI-grade, FUKAI, Altair Engineering, RAC, Ikoma Sports Land, KEIHIN, DAIHATSU, Doshisha enterprise



4 Nagoya University

● Members

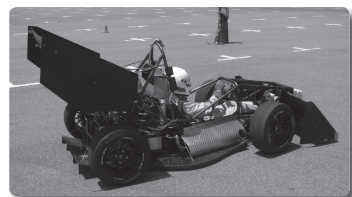
[CP] Tomoki Uno, [FA1] Goro Obinata, [FA2] Hirofumi Aoki, [MBR] Shunsuke Nishio, Kenta Yamaguchi, Kenta Miyanokoshi, Maekawa Yuuta, Hiroki Yamanouchi, Naoko Matsushima, Yoshiaki Inadome, Koichi Takashima, Goichi Kobayashi, Ryoma MIZUNO, Tomohiro Miyauchi, Naohiro Kusunoki, Yuuki Ayamura, Masatoshi Kanayama, Yuuki Nakada, Yasuo Kosugi, Shusuke Numata, Yusuke Nishiumi, Tetsuro Kobayashi, Yuki Yoshida, Yuto Uchida, Keisuke Nishioka, Takeshi Miyajima, yohei yamada, Hiroki FURUTA, Takashi Asai, Aoki Yuma, Soma NAKAGAMI, Takaki Arata, Ryousuke Kuno, Jumpei Mitsushita, Tomoya Tanaka, Yusuke Sakurai, satoru nakayasu, Fuzikawa Chie, Shota Hamada, Naoko Mishima, Daichi Ando, Haruna Taki, Nobuto Sugie, Kentaro Goto, Yuusuke Miyazaki, Naoki Semba, Teruki Shibayama, Ichise masahiro

● Car Features and Team Aspirations

FEM-10, which we developed, is the full aero machine with wing and difuser. We got FEM-10 to be much faster by evolving FEM-09, the last year our machine. We aim the overall victory of the long-cherished wish with FEM-10.

● Team sponsors

AISIN AW, ACTIVE, ASAHI KASEI CONSTRUCTION MATERIALS CORPORATION, AZAPA, IWAKURA WELDING INDUSTRY, WEST RACING CARS, UMEOKA, VI-grade, AW ENGINEERING, ATS, Amon Industry, SS Mold, NSwelding, NTN, ENUMA CHAIN MFG, FC Design, Okajima Pipe, OZ S.p.A, CarveK, Kato Cam Giken, Kato Gear Seisakusyo, Kawamura Koki Seisakusho, Gamagori Seisakusho, Kimura Industry, CAST, CALIO, KYOWA, KYOWA KOGYO, KYOWA ELECTRONIC INSTRUMENTS, KOKEN, KOTA CIRCUIT YRP KIRIYAMA, KOWA INDUSTRY, KOBELCO, Continental AG, Cybernet Systems, Sasano Shoten, CCI, CTS Trading, SHOWA, ZEAL, Swing, Sumitomo Wiring Systems, ThreeBond, SolidWorks Japan, TAKATA Service, Chuo Spring, Technoil Japan, DENSO, THONICHI Mtg., TOHO TENAX, nakazawa foundry, NEXCO Engineering Kansai, Nissin Kogyo, Nittetsu Steel Pipe, NIHON KENSHI, Nippon Light Metal, NIPPON THOMPSON, NHK Spring, HI-LEX, HIBIKI SEIKI, Fashion Mishimaya, Fuji Seimitsu, Fujita Rashi, Fujimoto Service, Furuto Industrial, Blenny Giken, Honda Motor, Honda Dream Nagoya Nishi, Polyplastics, Makita, MISUMI, Minoru INTERNATIONAL, MUTOH Engineering, Moriwaki Engineering, RAMPF Group Japan, World Walk, WATANABESYOJI



5

Ibaraki University

Members

[CP] Shuji Iimura, [FA1] Souichiro Nishino, [MBR] Shunsuke Kanno, Mayumi Hanngai, Masashi Itakura, Ryoma Koga, Daiki Kitajima, Naoto Shibata, Yuto Eguchi, Yuhei Tamura, Yosuke Nagai, Takashi Hatsumi, Tetsuya Hotta, Chae Hui Jun, Tatsuya Yamazaki, Akitoshi Watanabe, Yuno Kitgawa, Hiroaki Moriya, Tomo Masutani, Wang Yanxu, Akihiro Maeda, Yuma Iwamoto

Car Features and Team Aspirations

Our concept is the pursuit of turning performance, an approach from a viewpoint of analysis and measurement. We made up IUSI09 on the basis of the concept. We'll aim for full victory by two essential elements. The first is the designing based on the measurement by using sensors. The second is the setting based on driving over 500km.

Team sponsors

SUZUKI, HONDA, SOLIDWORKS JAPAN, FUKAI MFG, Topre, NTN, RS Watanabe, WEST RACING CARS, North Kanto Radiator, Komine Corporation, MITOROY,

TOHO, MURATA Corporation, Hitachi Industrial Equipment Systems, SUMICO LUBRICANT, ART, KORYO JUHAN, Ks k circuit, F.C.C, Minamikouya doctor's office, JWAY, F.tech Inc., plusji, IBARAKI TOYOTA CORPORATION, THK, Dynojet, KINOKUNI Enterprise, Unicast Inc, TAIYO KOGYO CORPORATION, Tohnichi Mfg, Nissin Kogyo, T.M.WORKS, tohoku radiator corporation, ASAH KASEI CONSTRUCTION MATERIALS CORPORATION, Sanoh Industrial Corporation, Imagecom Corporation, ASANO, TMP, ASIDA CORPORATION INC, IBRIDA CELL, IMABASHI SEISAKUSYO, Towaparts Inc, Nikkoukouyousho Corporation, Shouei Seisakusho, UGO, TAKATA CORPORATION, IBARAKI CORPORATION, COCO FACTORY, SHIGEMATSU WORKS CO., Something Corporation, Nissho Corporation, ONO Holding, MISUMI, NUTEC Japan, Ibaraki painting industry, takahashikogyo, Mitsubishi Nuclear Fuel, NICOLE RACING JAPAN, TITANUM, Marubeni Infomation Systems, Maruno Corporation, NOGAMIGIKEN, TOYO DENSO, AIWASEIMITSU seisakusyo, HOTTA ELECTRIC CORPORATION, Kamine Seiki, GALLOP, SHINEI Corporation, Soutetsu Corporation, Iwate Corporation, ITO FOUNDRY & MACHINERY, TOYO ASSOCIATES, Fuji Seimitsu, Okawa Screw Manufacturing, Iwaseya Corporation, Wit, Amon Industry, Mito Seiko Corporation, Panasonic Industrial Devices SUNX, M.TECH, DALI, SYSTEM ADFORCE, Furukawa-Sky Aluminum Corporation, FLOWER AUTO, Advanced CAE Solutions, ASIA ENGINEERING, NISINO SEIKI Corporation, Iidaijoshi Corporation, Oetiker Japan Company, Hiroki Seiki Corporation, TEAM AMG, HITACHIKOH HOSPITAL, MIMORI Corporation, KYOWA ELECTRONIC INSTRUMENTS, TAN-EL-SYA WHEEL SUPPLY, Panduit Corporation, TOYOURA Corporation, SAKAE SYSTEMS, IDAJ, SAWAHATA motors, SANWA-Group, Schaeffler Japan, YAMAYA Wood Pattern Corporation, TECHNOSANSHO, SOUWA-SEKI



6

Meijo University

Members

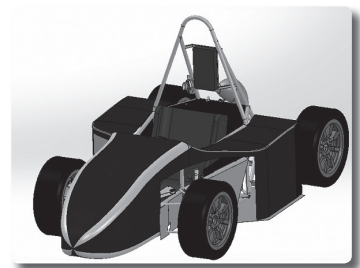
[CP] Ayumi Wakebe, [FA1] Hidetoshi Hayafuji, [MBR] Hiroya Ukai, Takuya Noguti, Ryosuke Hirasawa, Shunsuke Kimata, Yasuhiro Iwata, Yuichi Inada, Koichi Orino, Yasuaki Kato, Takahumi Sakuma, Tatsuya Miyanoue, Yuki Mori, Rie Kasugai, Hiroki Aoyama, Masahide Ono, Jukai Naganuma, Takuya Watanabe

Car Features and Team Aspirations

This year, our vehicle's concept is 'succession'. We have taken good points from past's experiences and conquered our weakness. Since this April, the team members have changed and the main members are almost 2,3 grade students but we will do our best to run the whole distance in every race again by making the most of our last year's know-how.

Team sponsors

Amaki Machine Works, CAST, CHUO SPRING, DAD, D.I.D, FC design, iNOUE BORING, KYOWA KOGYO, Minaro, MISUMI, Mr. TIREMAN, NISSIN KOGYO, NTN, RAMPF Group Japan, SANGO, SANWA PLATING INDUSTRY, SOFTPREN INDUSTRY, Solid Works Japan, Sumitomo Wiring Systems, TERADA, Teshima Printing, TOPEC frontier, RACING SERVICE Watanabe, RAINBOW SPORTS, WADA WELDING, WAKO CHEMICAL, Yamaha Motor, YAMATO INDUSTRIAL, YOSHIMURA JAPAN



7

Chiba University

Members

[CP] Takeshi Wada, [FA1] Yasuo Moriyoshi, [FA2] Kazuyoshi Kouno, [MBR] Yu Kanegae, Misa Ogasawara, Takaya Mori, Satoko Ikuta, Masao Ida, Ryo Ueno, Kazuhiro Uda, Ryoma Okura, Yuki Katsura, Yuto Kawagoe, Satoru Kirii, Norimitsu Wakui, Mima Igarashi, Yu Tsunoda, Souma Takeuchi, Yoshiyuki Ishimoto, Kazuya Ogawa

Car Features and Team Aspirations

Since we won the highest score among the teams which used supercharged engine last year, we the "Chiba University Formula Project" are joining to competition with turbo-charged engine car "CF13". We are aiming to get higher place by not only re-designing and optimizing each parts but also training all drivers to be able to use a whole potential of the car at the competition course.

Team sponsors

Altrack, IHI, NTN, SEKI, Aoifudousa n, Idemitsu Kosan, Imamura Shoji, F. C. C, Kasuga Fudousan, Garage C, KINOKUNI Enterprise, KYOWA KOGYO, KUSAKA MFG, KUWAHARA BIKE WORKS, Keiyo Bend, CYBERNET SYSTEMS, JOUNANKEY, Shinjyuku Radiator, Super Autobacs Ichikawa, SUMICO LUBRICANT, Sumitomo Wiring Systems, Solid Works Japan, Dow Chemical, TAKATA, team August, DENSO, Tohoku Radiator, TOKIN, TOHNICHI, TOPLINE PRODUCTS, Toyota Rent a Car Chiba, Nippon Oil Pump, HI-LEX, MARUBENI INFORMATION SYSTEMS, FUKAI MFG, MISUMI, Metal works, Yamaha Motor, YUTAKA, RAYS, Nissin Kogyo, NATS, NSK, NHK SPRING, MOBARA TWIN CIRCUIT, Raycraft racing service, Chiba University, Chiba University Faculty of Engineering, Chiba University Alumni Association of Faculty of Engineering, CUFF OB&OG



8

Shizuoka Institute of Science and Technology

Members

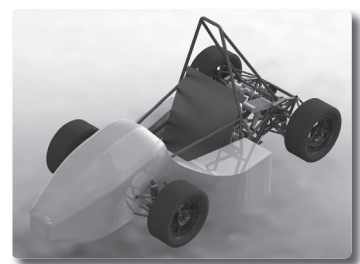
[CP] Akihiro Murata, [FA1] Shinji Takabayashi, [MBR] Masami Kaihara, Ryuya Sano, Takuya Tokita, Takafumi Oi, Kumiko Miyano, Koji Mihara, Yuto Chizuwa, Yusuke Toyama, Kazufumi Suzuki, Tastuki Sato, Daiki Arai, Masato Ikeda, Haruka Ishi, Takashi Kawai, Naoya Sugiyama, Kazuki Suzuki, Kazuki Suzuki, Kyosuke Suzuki, Kenta Takahashi, Hidehito Takahashi, Kenta Takabayashi, Yuma Takeuchi, Takahiro Horie, Hiroshi Maeda, Kazuya Matsumoto, Takuya Mochizuki, Takumi Yamamoto, Shungo Kimura, Yuto Wada, Takuya Ishihara, Yukari Iwasaki, Yuki Umetsu

Car Features and Team Aspirations

The concept of car of this year is reliability and performance gain. We challenge a fight with a traditional single cylinder engine + S/C & MR damper. I changed the drive method of the S/C from the belt to the gear. I complete all the competitions by all means. And I stand on a winners' platform.

Team sponsors

SUZUKI MOTOR, SHINBA IRON WORKS, igus, FUJI Xerox, OGUSU INDUSTRY, Belle Carriere, UNICRAFT NAGURA, UNIVANCE, TOSHIBA, Fuji-Communications, SHOEI, Suzuyo shoji, NTN, SolidWorks Japan, AVO/ MoTeC Japan, NSK-Warner, Sumitomo Wiring Systems, DAIDO KOGYO, ToRii BODY SHOP, OETIKER JAPAN, FUKAI MFG, KYOWA KOGYO, SEKI MONOTSUKURI Laboratory, Minebea, Yutaka Giken, KYO-EI Industrial



Team Information (Members and Sponsors)

9

NIHON AUTOMOBILE COLLEGE

● Members

[CP] Kouhei Suzuki, [FA1] Hidenobu Hayashi, [FA2] Mitsunori Yabe, [FA3] Makoto Kanai, [FA4] Yoshiyuki Shimoniida, [FA5] Yuichi Uwai, [FA6] Hiroshi KADONO, [FA7] Yuichi Yamazaki, [FA8] Hiroki Ookawa, [MBR] Fujisaki Kouta, Katsuhara Kazuma, Hamagami Takuya, Mitsuhashi Takumi, Ebihara Hajime, Ozaki Ryosuke, Gunji Tomoaki, Sakiyama Masaki, Nagano Hiroki, Matsumoto Shun, Matsuyama Kazuki, Murakami Syo, Masaaki Iwata, Taiki Kamiyama, Jyunpei Hayashi

● Car Features and Team Aspirations

The Formula NATS 004 has been upgraded over and over based on the know-how of previous senior members to realize a weight reduction and a trouble free. Our team the Formula Factory NATS is wishing to win the first place in the competition so that it will be beyond the result of last year.

● Team sponsors

Honda Motor, TMC, WAKO CHEMICAL, NISSAN PARTS CHIBA SALES, WFN, Software Cradle, FUKAI MFG, MAC MECHANICS TOOLS, R-A, Moriwaki Engineering, WEST RACING CARS, AVO / MoTeC JAPAN, KINOKUNI Enterprise, IRS, TAN-EI-SYA WHEEL SUPPLY, RAC



10

Kobe University

● Members

[CP] Hayato Funahashi, [FA1] Shirase Keiichi, [FA2] Yasuyoshi Koji, [FA3] Hidenori Nakatsui, [MBR] Kiyohito Aiba, Masaru Miyazaki, Naoya Masada, Ryouta Nakao, Toshio Koto, Kanako Takebe, Yudai Nakamura, Sota Okuno, Kenji Nonaka, Ryou Sato, Yuki Daiju, Kenta Fujibayashi, Kotaro Onishi, Soshi Miyamoto, Tomoki Maeda, Yuki Yoshida, Kim Gwanwoo, Soshi Miyamoto

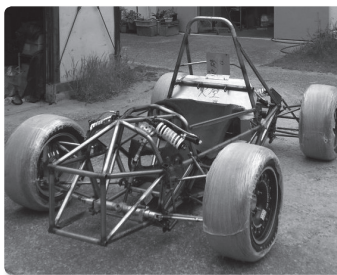
● Car Features and Team Aspirations

Last year we achieved all the events. It is 2nd times for our team started. Also Overall results 10th is our best placing. This year we hold up concept "Really Fast Machine", and aim for podium.

● Team sponsors

Altair Engineering Japan, AIR LIQUIDE Kogyo Gas Ltd, Amon, Minebea, NTN Corporation, Enable Inc, NA-protech, F.C.C, Kinokuni performance products K-Mecs, KOWA INDUSTRY CO LTD, Kobe Steel Ltd, Compass Lab Inc, SOFT99 corporation, DAIHEN Corporation, Tsuruga Co Ltd, Tohnichi Mfg Co Ltd, NICHIRIN CO LTD, HI-LEX CORPORATION, MISUMI Group Inc, Minaro, MonotaRO Co Ltd, WAKO-

Chemical Ltd, Kawasaki Heavy Industries Ltd, KYOWA KOGYO CO, KOTANIKOUKAN CO LTD, Kodama Corporation Ltd, Season Proshop Co Ltd, NIPPON STEEL & SUMITOMO METAL CORPORATION, Sumico Lubricant Co Ltd, SUMITOMO ELECTRIC HARDMETAL, Sumitomo Wiring Systems Ltd, SolidWorks Japan, DAIHATSU MOTOR CO LTD, Totani Corporation, Nagase ChemteX Corporation, NISSIN KOGYO CO LTD, Fujikaseikogyo Inc, MOTO-DOG Lab-CAST inc, IDAJ Co LTD, TOHO TENAX Co Ltd.



11

Honda Technical College Kanto

● Members

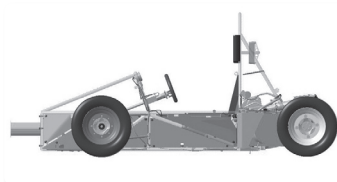
[CP] Ryou Nakazawa, [FA1] Atushi Norihara, [FA2] Masashi Sugita, [MBR] Yuuya Midorikawa, Kai Satou, Dai Saitou, Naohiro Takahashi, Jin Nakasa, Yuusuke Suzuki, Takuya Watanabe, Yoshihiro Kai, Takuya Tukagoshi, Syouta Tanaka, Taiki Mori, Kazushige Nakazima, Syougo Maeda, Takuya Kobayashi, Youusuke Igarashi, Kouhei Kawasaki, Yusaku Sudo, Kyohei Sunaoshi, Hideyuki Ishikawa, Takane Sato

● Car Features and Team Aspirations

I performed the review of the design and tried for improvement of the performance of each part and the reliability and kept the weight gain with it to a minimum this year. Aiming only in the center of the winners' platform. A dream to aim at for a result. "The Power of Dreams"

● Team sponsors

FUKAI MFG, TAKATA, NISSIN KOGYO, F.C.C., THK, DAITO METAL, Yuasa Battery Service, SolidWorks, QuickHANYU, Rainbow Motor School



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Hiroshima University

● Members

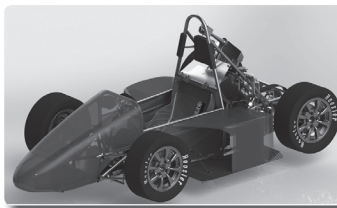
[CP] Syunsuke Takaya, [FA1] Keya Nishida, [FA2] Tsuneo Morioka, [FA3] Hiroshi Hamasaki, [MBR] Naoya Kodama, Kazuki Kawamoto, Ryosuke Miyazaki, Humiaki Tamashiro, Kezi Masuda, Asuka Hayashi, Takuya Kokabu, Soichiro Ikeno, Kozi Ohama, Ryutaro Matsuda

● Car Features and Team Aspirations

This year, we set machine concept for "growth", developed our conventional designing that is faithful to basics, and intended to make our vehicle more maneuverable and responsive. We aim to be ranked in the top 10 prize, which is higher rank than last year.

● Team sponsors

Kawasaki Heavy Industries, SolidWorks Japan, Okudaira Pipe Co., F.C.C. Co., RACING SERVICE Watanabe, Nissin Kogyo Co., THK CO., KYOWA KOGYO CO., NTN Corporation, ENUMA CHAIN MFG. CO., Ishihara Radiator Co., Altechno Co., WEST RACING CARS CO., CCI Corporation., KURE Engineering, KINOKUNI Enterprise co, Amon Industry Co, SUMITOMO LIGHT METAL INDUSTRIES, Cool Nuts. co., Nikami Co, TSUDA Co., Nippon Rent-A-Car Service, First Molding co, tech serfu co, Marusan Car Company, ANDARE co, RAC co



13 Tokyo City University

● Members

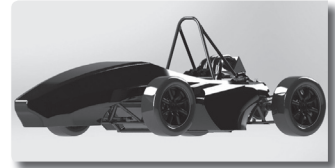
[CP] Masaaki Shibata, [FA1] Yuji Mihara, [FA2] Kenji Nakagawa, [MBR] Tubasa Amano, Daijiro Ishii, Takumi Ito, Shingo Ono, Aran Seshita, Satoshi Takahashi, Akihiro Nakada, Kazuya Matunaga, Yukihide Matumoto, Kouji Ishikawa, Takuya Kanazawa, Hiroaki Kubota, Shun Kondo, Kazuki Shimoyama, Naoko Tagawa, Shouta Nakajima, Issei Nomura, Saya Mukai, Takazumi Ishimatu, Toshihiro Inuduka, Kouki Ota, Tatuya Kawahara, Yuji Kobayashi, Jun Shiina, Ryuta Sekiguchi, Shunpei Hisamitsu, Takaki Morimoto, Shun Yokoyama, Shigeki Kawachi, Yoshihiro Sakai, Kohei Aoyama, Keisuke Arai, Tomoki Nakayama, Daisuke Hara, Aomi Miyazaki

● Car Features and Team Aspirations

This year, we made the design of the vehicle as the concept of "improvement of engine output" and "improvement of turnig performance". We are aiming to podium for the first time since 2011, as we work hard as a united team.

● Team sponsors

AVO/MoTeC Japan, IDAJ, MSC Software, NTN, UD Trucks, I.P.LABORATORIES, ALTECH, ISHIKAWA INK, IWAMOTO, F.C.C., Amon Industry, OSCO Industries, kirihari club, KAISE M o t o c y c l e, KITAMURA KOGYO, KINOKUNI Enterprise, KYOWA, KYOWA K O G Y O , K U W A H A R A INTERNATIONAL, Keiyo Bend, Kohara Gear Industry, Koyamagarage, CYBERNET SYSTEMS, Quick HANYU, SUZUKI MOTOR, Sumiko Lubricant, Sumitomo Wiring Systems, nissan screw, SolidWorks Japan, TEITO RUBBER, TERADA MFG, Tokyo R&D, TOHNICHI Mfg, TOYO DENGYO, Nikkeikin Aluminium Core Technology, NIKKEN Manufacturing, NISSAN, Nissin Kogyo, Nippon Light Metal, NHK Spring, JAPAN U-PICA, PIOLAX, HI-LEX CORPORATION, HIRAYAMA Auto industry, Fuji Manufacturing, Fuji Seimitsu, FURUKAWA BATTERY, BEAR Racing Service, Honda Motor, Meister Club, MISUMI, Minoru INTERNATIONAL, RACHING SERVICE Watanabe



14 Hokkaido University

● Members

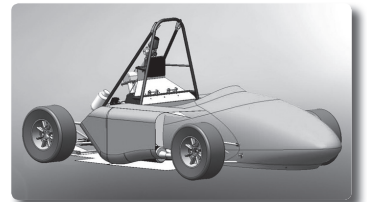
[CP] Keisuke Kuroda, [FA1] Takemi Chikahisa, [FA2] Yutaka Tabe, [FA3] Hideyuki Ogawa, [FA4] Gen Shibata, [MBR] Shuichi Miyashita, Shota Kameyama, Masahiro Yasuda, Mitsuhiko Kondo, Kai Yamada, Kazuomi Yahagi, Tsukasa Mizukoshi, Shota Muratake, Takuya Kuni, Shota Watanabe, Ken Terakawa, Kazuki Watanabe, Zhao Peilong

● Car Features and Team Aspirations

This year's our design concept is "Synchronize". The machine has the advantage in driving characteristic, low-speed engine performance and chassis stiffness. We aim victory at this competition with this machine.

● Team sponsors

APP, Arakawa Radiator Works, ASPECT, ASSIST, Auto Works K2, BUG MORI SEIKI, Dow Chemical, DYNAX, F. C. C., FUJI OOZX, FUKAI, GAINER, GoPro NIPPON, HOKKAIDO SHEARING, Hokkaido University Faculty of Engineering, Hokuai Vets, HONDA, IDAJ, INTERCEPTOR, ISS HOKKAIDO, JX Nippon Oil & Energy, KYOWA, MARUNAKA YOKO, M-Cubic, Minebea, MISUMI, MOTUL, New Chitose Motor Land, NISSIN, Nippon Light Metal, RS Watanabe, SHINBA IRON WORKS, Shirai Car Land, SODA'S FACTORY, SolidWorks Japan, Sugimoto Kinzoku, Taiheyo Ferry, Taiho Kogyo, Tennen Seikatsu, TOKYO R&D, TONE, TOYOTA Rent a Car SAPPORO, VI-grade, YUTAKA, Workshop of Hokkaido University, ZF Japan



15 Osaka Institute of Technology

● Members

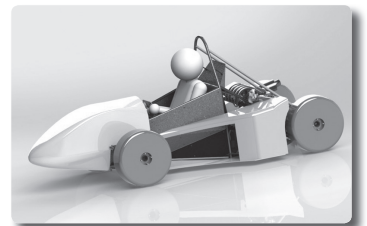
[CP] Syutaro Yamada, [FA1] Kazunari Kuwahara, [FA2] Toshiki Kuwata, [MBR] Ryo Kashihara, Takahiro Ueda, Toru Ueno, Naoshi Imakita, Kenta Takai, Katsutaro Tanaka, Masayuki Nagao, Naoki Nishimura, Hiroshi Fukutsuka, Yuji Mizutani, Satoshi Ueno, Akira Sato, Hiroaki Tsukahara, Hirofumi Sugimoto, Youhei Maeda, Takahiro Kato, Sintaro Oka, Katsuya Kono, Takumi Sawada, Issei Nagase, Hiroki Yamashita, Hiroshi Koyama, Ryota Morimura, Haruka Kuroki, Rena Sueto, Saki Sugahara, Sang Ja Hyong, Yusuke Koide

● Car Features and Team Aspirations

Our team has listed "human car on earth" the vehicle concept vehicle of 2013 "REG06". I will strive to 700 points or more overall score on a machine with an improved, such as "information-carrying capacity to the driver" or "performance" operation based on ergonomics.

● Team sponsors

SUZUKI, SolidWorks Japan, RAYS, NISSIN, MI SUMI, BURIAL, ALVA ENGINEERING, NITTO DENKO, TAKATA, RAC, NANIWAYA, F. C. C., UWorkshop, NTN, KYOWA, Osaka F o m i n g , D o w B u i l d i n g Solutions, FUKAI, DENSO, Nippon Oil Pump, DAITO Radiator, NUTEC Japan, Sumitomo Wiring Systems, Maishima Infinity Circuit, OSG, GENETEC



16 Utsunomiya University

● Members

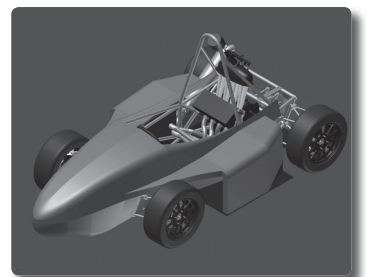
[CP] Eiji Kida, [FA1] Hitoshi Sugiyama, [FA2] Naoto Kato, [MBR] Kazuma Yusa, Naoya Ueshiro, Keita Tsuchiya, Shoya Ito, Shinya Ozeki, Atsushi Hirayama, Yuki Masuda, Shunsuke Watanabe, Shogo Kawaharada, Ryo Nitta, Takaya Saito, Koichiro Maki, Shobu Idei, Kazuki Iida, Junichiro Chiba, Masayuki Okabe, Junpei Niki, Yuto Muroi, Yuki Ono

● Car Features and Team Aspirations

And the concept of "at will of the driver", this year's vehicle UF-11 aims to car drivers can handle at will. I aim to win a prize in the competition.

● Team sponsors

ASAHI KASEI CONSTRUCTION MATERIALS, ALINCO, Altechno, ANSYS, I GASHIRA MOTOR PARK, ISHIKAWA INK, in F e c U E S A W A W O R K S , A C M Tochigi, AVO/MoTeC Japan, AMON, NTN, F. C. C., ENKEI, Autodesk, ONOSOKKI Utsunomiya, KAWADA INDUSTRIES, Kinokuni enterprise, KYOWA KOGYO, KUWAHARA BIKEWORKS JAPAN, COCKPIT TATEBAYASHI, KHK, CYBERNET SYSTEMS, SATO SEIKI, SHOWA, Sumitomo Wiring Systems, DAIZO, THK, Tochigi-it, TOKO RADIATOR, TONICHI, TRIBO JAPAN, NANOTEC/TS Japan, NBK, Nissin Kogyo, NHK, NIPPON PAPER CRECIA, Japan U-PICA, HI-LEX Corporation, Featherfield, Fuji Seimitsu, BLenny, PLOT, Honda Motor, Honda Lock, MISUMI, Mitsubishi Fuso Track & Bus, Murata Spring, Yachiyo Industry, Yamada Manufacturing, YAMAWA, Yutaka Giken, Yuhara Seisakujiyo, cyprium japan, Motozen, TAKATA



Team Information (Members and Sponsors)

17 Tokyo University of Science

● Members

[CP] Hikaru Ando, [FA1] Yasuo Kawaguchi, [MBR] Ryo Aizaki, Shintaro Arai, Tomohiro Ishikawa, Susumu Endo, Takeshi Tachikawa, Taiki Nakamura, Yoko Nakamura, Kenta Nomura, Atsushi Makimoto, Takeshi Dakeshita, Yuki Tanaka, Keita Imadu, Yutaro Tsukamoto, Misa Ishimura, Toru Moriyama, Kosuke Yoshiyama, Ryuki Nohara, Seya Kawabe, Fumihito Kimura, Asuka Sawada, Takeshi Kawai, Yuki Akechi, Yuta Okubo, Ikuto Jinno, Yoshihiro Sakoh

● Car Features and Team Aspirations

Vehicle's stiffness in this year has been improved than the vehicle for the previous year. By making own oil pan, the mounting position of the engine is lower, we have succeeded in lower center of gravity of the entire vehicle. We aim to a higher rank in this vehicle this year.

● Team sponsors

MF-Matsumoto, KEIHIN, SANKEI Giken Kogyo, HONDA, Shoritsu Factory, SAKAE KOUKAN, NTN, F.C.C, GOOD RIDGE JAPAN, TOKYO R&D, NISSIN Kogyo, YUTAKA Giken, NSK, KOVAX, Hakeya, KOHSHIN CHEMICAL, DOW Kakoh, SHOW UP SIGNAL BODY PRO, SHOW UP ASAHI, CYBERNET System, Solid Works Japan, Techno Auto Service, quick Hanyu, NISSAN, Sumitomo Wiring Systems, Sugaichi, INOUE SPECIAL STEEL, MITOLOY, ZF Japan, FUKAI Factory, Future Technology, City Kart, Shinsei Kiko, Minebea, Nipatsu kiko, Nihon Hatsujo, NICOLE RACING JAPAN, DENSO, FUJI SEIMITSU, TOPLINE PRODUCTS, NIPPON VALQUA INDUSTRIES, KINOKUNI Enterprise, Gruppe M, Minaro, NPS, THK, MISUMI, Tokyo University of Science Kikai Kousakusitsu, Tokyo University of Science Kouyukai



18 Tokai University

● Members

[CP] Asato Maemi, [FA1] Masashi Yoshinaga, [MBR] Kazusato Shimokobe, Kazuki Ichihara, Takuya Morikawa, Tomohito Tago, Taiki Tane, Yutaro Sato, Koya Numao, Yusuke Fukawa, Masamichi Watanabe, Naoya Katou, Tomoyuki Matsumoto, Yusuke Miyazawa, Souto Komine, Taiki Nakaichi, Takahiro Miyamoto, Tomoki Sato, Toshiki Saito, Kyohei Sato, Naoki Ishida, Masayuki Nomura, Ayato Endo, Satoru Mano, Yoshiki Nojima, Leona Furuichi, Shotaro Nara, Akiho Futatsugi, Masahiro Kida, Takanori Okado, Yuki Kuribayashi, Takumi Kojima, Yuki Matsuda, Sousuke Aikawa

● Car Features and Team Aspirations

● Team sponsors



19 University of yamanashi

● Members

[CP] Rikiya Matsuno, [FA1] Hiroyuki Tsunoda, [FA2] Tutomu Tanzawa, [MBR] Naoto Sasaki, Hiroki Hachisuka, Takashi Uchiyama, Keita Katsumata, Kento Osada, Kazuki Nakamura, Daiki Kurobe, Takanori Shirakawa, Miyu Watanabe, Munehiro Fujita, Kentaro Masuyama, Kengo Nonomura, Kazuma Kirtu, Kousuke Ikeda, Takahiro Aikawa, Sho Iwabuchi, Daichi SekiguChi, Mina Katou, Nanaho Saigou

● Car Features and Team Aspirations

Strengthen the turning performance from Review of previous competitions, Shingen13 has improved driving performance. We would want to show a best run in this competition.

● Team sponsors

AZ Yamanashi circuit, Are industry Maki, West Racing Cars, EI KO, F. C.C, KLIF, Kokoku intech, Sankin, Shinba iron works, SUZUKI, SolidWorks Japan, T. R A D, Nakamura factory BigmachineWorks, Nittetsu-steelpipe, JAPAN SUN OIL, HILEX, Future's Craft, Fujikawa industry, bridgestone, Taiyakan yamanashi, MISUMI, T.M.WORKS, University of Yamanashi center for creative technology



20 Kogakuin University

● Members

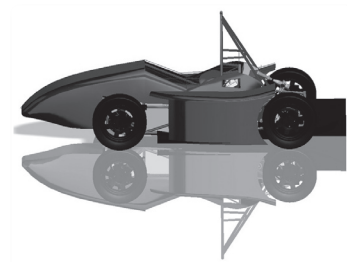
[CP] Yamamoto Takafumi, [FA1] Nozaki Hiromichi, [FA2] Daigo Misaki, [FA3] Takashi Saika, [FA5] Takahsi Yamamoto, [MBR] Takeshi Hanzaka, Tomoya Otiai, Hajime Takeuchi, Masayuki Sakane, Naoki kawabayashi, Koyo Nozaki, Katsuhiro Nagumo, Kenta Mori, Yuji Hamazaki, Okuto Nakane, Yuuki Matsushita, Ryota Toyama, Fumiya Morita, Hiroyuki Kusumoto, Naoki Tsuno, Ayaka Tei, Ukyo Abo, Shunnya Kitsukawa, Shin Adachi, Hiroyuki Katsumata, Seiji Okita, Kaoru Kimbara, Tomonori Takagi, Taku Nagasawa, Ryohei Nakashima, Daigo Niinuma, Yuichi Doki, Hitoshi Yoshizawa

● Car Features and Team Aspirations

Turning, and further improve the acceleration performance, takes over a flowing aerodynamic parts and cowl design like the racing car, I went to machine development in pursuit of "quality of racing car" this year. I aim the podium this year.

● Team sponsors

Honda, NTN, IgarasiPlier, IDAJ, F.C.C, EnumaChain Mfg Corporation, Kanae, Kaneko Mfg Corporation, Kyowa Electronic Instruments Corporation, KURE Engineering Ltd, Kobe Steel, Ltd, Kodera Mfg Corporation, Sankyo Radiators, GH Craft, Susa Mfg Corporation, Steinless Corporation, Sportland Yamanashi, T h r e e Peaks Giken, Sosio, Elephant Chain Block, SolidWorks, The Dow Chemical Company, Takamura, THK, Tohaku Rubber, Tokushu Giken, Top Tools, Nabeya Bi-Tech, Nissin Kogyo, Nifco, HI-LEX Corporation, Hammer Caster, Pisco, Fuji Seimitsu, VSN, HellermannTylton, Maxell Siointec, Matsui Seimitsu, Maruto Hasegawa Kosakujo INC, Misumi, Rays, Takata Service, Kogakuin University Machine Class Reunion, Kogakuin University FSAE Reunion



21 Yokohama National University

● Members

[CP] Yushi Murai, [FA1] Yasukazu Sato, [FA2] Suguru Matsuzawa, [MBR] Junya Kamei, Kouhei Takakura, Hitoshi Matsuyama, Hidemasa Nakajima, Tomohiro Kano, Kaito Nakagawa, Taihei Nakazaki, Shogo Hanawa, Takuya Kinami, Natsuki Sasahara, Toshiaki Uemura, Moeko Koichi, Yuki Sunohara, Koichi Sato, Naoki Akiyama, Tomoaki Ihata, Akihiro Kasahara, Yoshimi Kinoshita, Kai Misawa, Hiroki Yada, Ryuji Kainuma, Kota Akiyama, Takumi Negishi, Naoyuki Takase, Takuya Tamura, Kentaro Sone, Tomoki Tamura, Keita Eto, Jin Miyazawa, Hiroki Suzuki, Yuho Omiya, Azumi Mori, Takahiro Abe, Kyosuke Nagabuchi

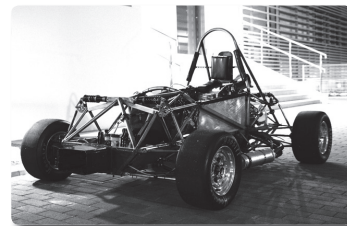
● Car Features and Team Aspirations

We reconsidered our traditional machine packaging this year, to maximize the potential of our car.

In the competition, we will do our best to claim our first, long-cherished win.

● Team sponsors

Igus, INAZUMA SHOKAI, Ibrida Cell, Amon Kogyo, Minebea, Autodesk, Ishii Seiki, Kaimei Mfg, Kinokuni Enterprise, CAMbrain, KOIWAI, Komatsu Mfg, SHOWA, SYNCFOR, DYNATECH, Tashiro, Tohnichi Mfg, Toho Tushin Systems, NAKANISHI GEAR, Fuji Seimitsu, Brain and Trust, Makita, MAGNA, MISUMI Group, Mitutoyo, IDAJ, Cummins, KANTO Industrial College, Kikuchi Sheet, Kitadai Mfg, KYOWA KOGYO, KURE Engineering, Cybernet Systems, SANRIZ KAKO, SANWA PLATING INDUSTRY, Shisaku-kobo Den, Junior Motor Park Quick Hanyu, SHINSEIKIKO, Sumitomo Light Metal Industries, Sumitomo Wiring Systems, SUPER AUTOBACS YOKOHAMA MINATO MIRAI, ZF Japan, SolidWorks Japan, Tabata Radiator, TRUMPF, NagaseChemtex, Niigata, Nissin Kogyo, NIHON AUTOMOBILE COLLEGE, NSK, Nippon Dry-Chemical, NHK SPRING, Honda Motor, Musashi Holt, Kanagawa Atsuta, Kobayashi Giken Kogyo, Shinko, MECTEC, YANASE, Yasuhisa-KOKI, Yamasaki Giken Kogyo, Yokohama Koshuha Kogyo, AZAPA, FC Design, MOTUL, NTN, S-GRID



22 Kinki University

● Members

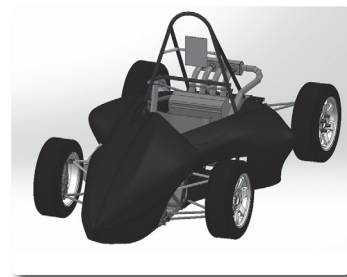
[CP] Yuki Ishitaka, [FA1] Shinji Kajiwara, [MBR] Tadamasu Fukuoka, Kazuki Fujimoto, Naohiro Kuchitsuka, Takashi Miyagawa, Syota Kosugi, Atsushi Horiyama, Keisuke Murata, Keita Nakanishi, Yusuke Tada, Soshiro Hanaki, Tadanori Yamazaki

● Car Features and Team Aspirations

This year, with the aim to improve the drivability even lower center of gravity, and turning performance, we have developed a machine. We aim to top inherits the high output of the SC adopted last fiscal year!

● Team sponsors

Ishizu, Imanaka kozai, WEST RACING CARS, NTN, AVO MoTeC Japn, MSC Software, Office Three Works, Kawasaki, Kinokuni Enterprise, Kuwahara International, Sunstar, Super Autobacs Fuse Takaida, Sumitomo Wiring Systems, CRADLE, Solid Works Japan, Daito Corporation, Daito radiator, Daihatsu, DAIHEN, Takayasu Sangyo, D. I.D. Tokyo R&D, TOHNICHI, TRIAL, Nikko yozai, Nisshin, Nippori kako, Hardlock, Hikari Slotter, YSN, Misumi, Miyake kogyo, Meihan Sports Land, Yamato kogyo, Yamamoto Kinzoku, Yutaka giken, Wako Chemica



23 Kyoto University

● Members

[CP] Kazuki Ohashi, [FA1] Iwao Yamaji, [MBR] Atsuki Matsuoka, Takaomi Ogawa, Shigeyoshi Okunishi, Hiroki Mori, Fujii Takuma, Tomoyuki Takeda, Junichi Izawa, Yamato Saito, Kazuki Sono, Taito Matsumoto, Kaira Yuasa, Yuuki Fujikawa, Kazato Inoue, Tomohiro Mizuhashi, Yuuki Tanaka

● Car Features and Team Aspirations

We improve our knowledge about aerodynamics positively, and conjugate it in our new amazing machine "KZ-RR11". We also cope effectively with the confidence of engine, that caused the retirement past 2 years. We will prove the our real power!

● Team sponsors

MORI SEIKI, Yamaha Motor, Sumitomo Electric Hardmetal, JTEKT, Furukawa-Sky Aluminum, SolidWorks Japan, TAIYO MACHINERY MFG, NTN, Sumitomo Wiring System, MOTUL, Kobe Steel, Yamagishi-Honpo, Ito-SS, TANAKA FACTORY, Komatsu, Ishida-seisakusho, Mazda-Aoi-Kai, DOW, Tire Box Evolve, F. C.C., Umihira, ATTRACTIVE SMILE CENTER, VI-grade Japan, Yanmar, MEDICAL KEISHINKAI, Biwako

Sports Land, Meihan Sports Land, Plusmyu, Techserifu, KAFEEL, Contec Labo, MISUMI, WORKS BELL, ANSYS, Cybernet, T-Sol, Print Shop 3P, Iwasaki Auto, Sanwa-p, Enterprize Y, Tohnichi Mfg, Wheelie, neis, Daihatsu Motor, Matsumoto Metal Mfg, Keiki-Kai, Kyoto Univ Mechanical Factory



24 Osaka City University

● Members

[CP] Tomoaki Mitsuhashi, [FA1] Tadao Kawai, [FA2] Atsushi Imazu, [MBR] Shingo Hayashi, Shuhei Ishida, Akitaka Murai, Tomohiro Minami, Tatsuya Yoshikawa, Hiroki Tanaka, Kazuhiro Iwai, Ryuji Ozawa, Yuichirou Hashimoto, Tatsuya Wakimura, Naoya Kumagai, Daisuke Shimizu, Hisaaki Nishimura, Yasuhiro Mitsuyama

● Car Features and Team Aspirations

We designed the our formula car based on improving cornering performance. We undertake all event with the utmost energy and make efforts to get 15th rank.

● Team sponsors

kawasaki, Satsuma Precision, Holts, ABCshoukai, NTN, F.C.C, AMON, Tiger seisakusyo, WAKO'S, HAYASHI RACING, Shigemitsu seisakusyo, KITAKO, Tounichi seisakusyo, KYOUSEI, KEIHIN, KO NOE, SUNSTAR, GS YUASA, Fuji Seimitsu, IDJA, KEEPER, SHOWA DENKO, SUEKAGE TOOL, NIPPON STEEL & SUMITOMO METAL, Sumitomo Wiring Systems, Solid Works, DID, DAIHEN, Tungaloy, Tokyo Sokki Kenkyujo, TOYOTA Rental & Lease Osaka, Nakamichi seisakusyo, NISSHIN, Nittobo, BEET, Neri ki gas, DYNOMAN, SPEED SHOP, Daito Radiator, Kinokuni, THK, PLOT, RS TAICHI, Bosch, YSK, Lenovo, MORISHIN



Team Information (Members and Sponsors)

25 College of Science and Technology, Nihon University

● Members

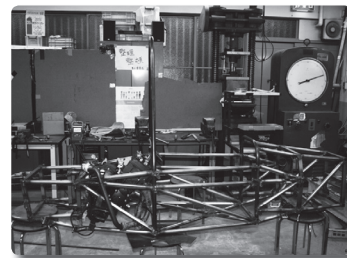
[CP] Toshiaki Arai, [FA1] Michihiko Hoshino, [MBR] Atsushi Okabe, Takahiro Sugaya, Naoto Ito, Ryuichi Suka, Katsuya Misawa, Anju Komaki, Masayuki Utsunomiya, Kazuya Kitabayashi, Thubasa Suzuki, Ryota Iijima, Hiroyuki takano, Takaaki Ookubo, Shoji Ryo, Takatoshi Ota, Takayuki Abe, Masanori Ebisawa, Hiroki Uda, Ryota Goshi, Yuusuke Takizawa, Yuuta Hayashi, Naoto Yamane, Masashi Ono, shuhei takahata, Komine Nanami, Matsumoto Hikaru, Takamichi Shirataki, Hiroki Ohara, Takahiro Yamazaki, Habu keisuke, Makiko Sano, Akane Nakajima, Junichi Sugimoto

● Car Features and Team Aspirations

Vehicles NU-CST / 011 designed this year with emphasis on the stopping basic performance of revolution which runs also in it aiming at improvement in motile performance. and cost reduction. The machine evolved rather than last year will aim at complete running of continuation, and less than the 10th place of synthesis for five years.

● Team sponsors

Rsangyomaki, RS-Watanabe, IRS, I-FACTORY, SPS UNBRAKO, NTN, FCC, KLK, KHK, koukendenka, sankyo material, SANWA PLATING INDUSTRY INCORPORATED COMPANY, JONAN-KEY, SUZUKI, SEVENTH NIGHT, Software Cradle, SolidWorks Japan, TAIYO PIPE BENDER, Daido Metal, devil technica, DECK, nakanokagaku, NISSAN, MEC ST, NHK SPRING, VSN, Future Technology, plus μ, PLOT, HONDA, MISUMI, Minebea, YAMAHA, WAKO'S



26 Kurume Institute of Technology

● Members

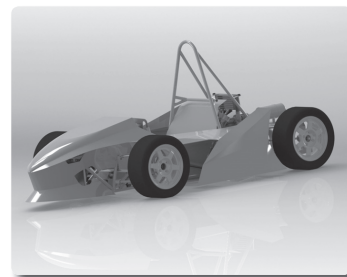
[CP] Takuya Haraguchi, [FA1] Daisuke Azuma, [MBR] Syougo Tuzi, Hirotohi Tutumi, Kazuki Takayanagi, Motoki Inenaga, Teppei Asano, Tarou Sugino, Yutarou Bekki, Takuya Eguti, Akira Eguchi, Ryouhei Iwasita, Syouhei Okusa, Naoya Yoshimura, Ryouta Ikeziri, Ryouta Kuniyuki, Keita Hisamatu

● Car Features and Team Aspirations

I was in the last year of a three-year plan this year. Concept was developed by a good vehicle based on the data that senior person "pursuit of maneuverability" is had to leave. Aim is success in the first attempt vehicle inspection, All competitors impressions, of course, with the aim of first place autocross, we aim to record high ranking.

● Team sponsors

SUZUKI, NTN, TOKYO-R&D, VSN, Wakou chemical, Vincent, B-Factory, G.R. CRAFT, FC Design, Osaka motorcycle supplies industry, Kamitu Car Rental, Kyowa Industrial, Kurume Driving School, Sanko tack system, SolidWorks Japan, Tatamiya, Tahara Body Works, Tsurusaki Works, Technical motorcycle shop TANSYAYA, Nakajima field Iron Works, Nishijima Iron Works, Nifco, HILEX Corporation, Fuji Seiki, Fuchigami welding, Belial Service, MISUMI, Miyako automotive industry, Morita Holdings, Motor technology, Yasunaga, Kurume National College of Technology, Kurume Institute of Technology, kit-ipoB Association



27 Sophia University

● Members

[CP] Tetsuya Fujimoto, [FA1] Takashi Suzuki, [MBR] Taro Inayoshi, Naoya Kimata, Ryusuke Masumoto, Yusuke Arai, Yusuke Nakano, Yoshiaki Fukuhara, Yoshinori Ishikawa, Tomoka Sumikawa, Chihiro Takei, Ryo Ueda, Kaori Shiraiishi, Yuta Aishima, Kaori Arai, Misaki Ito, Koki Okamoto, Masato Kawaguchi, Gen Kimizuka, Miku Tsuyuki, Yuto Nitta, Nako Watanabe, Chenyu Zhao, Yusuke Fukumoto, Kazuki Tokita, Takafumi Endo, Yusaku Otsu, Hironori Sasai, Mayuko Ito, Asato Yokoyama, Tetsuya Anzai, Yuta Takatori, Misako Shimada, Yujiro Fujita, Aito Takahashi, Grant Hargus, Rio Doshida, Min Kyung Oh, Akihiro Kimoto, Ikuro Tanaka

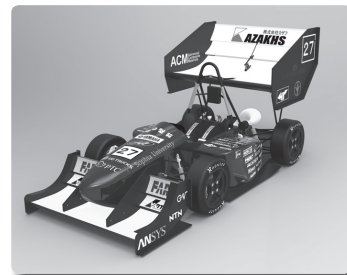
● Car Features and Team Aspirations

SR12, our latest car has been designed to improve cornering performance rather than straight acceleration with high downforce aero package with DRS, carbon wheel, new ergonomics, and mainly single cylinder engine. The concept is based on the laptime simulation that showed us laptime sensitivity for each performance. All things are aimed for the future concept. This year, we are

looking to win again with this new car and new team.

● Team sponsors

YAMAHA, PTC Japan, Kazahs, Taguchi Keihan Vantec, UD trucks, FARO Japan, Okitsu rasen, Hiragaki seisakusyo, Iwakura yousetsukouguyousyo, Aoshima haguruma, ANSYS Japan, Jushi readmodel, VI-grade GmbH, Wako chemical, Fuji WPC, GAT, Fukai seisakusyo, Lasermex, Kondo hatsudouki, MSC software, MISUMI, Bestex, RCCM, Nisshin kogyo, Tokyo R&D, NTN, RAC, Mobara twin circuit, FCC, AVO/MoTeC Japan, Quick hanyu, Magna international Japan, Mito kogyo, ASICS, THK, Daiichi onkyo, The MathWorks, Ogura clutch, Avasys, cyan, Musashisakai Tokyoshajin, JUN, Sportsgain



28 Institute of Technologists

● Members

[CP] Yamamoto Kenta, [FA1] Hara Kaoru, [FA2] Mitsui Minoru, [MBR] Goto Soichiro, Yanagisawa Keita, Sioti Akihiro, Tokiwa Ruri, Arai Toshinori, Oyoshi Akihiko, Katsumoto Tsubasa, Kiuchi Rina, Takahashi Yu, Muramatsu Eichi, Sugiura Takuya, Kojima Kaihiro, Sato Takuya, Kato Yuki, Ogawa Kouhei, Shinyashiki Jun, Utsuka Takayoshi, Ishii Hayato, Akiyama Taku, Mizuno Hiroshi, Matsumoto Tadashi

● Car Features and Team Aspirations

The concept of our team is "Simple is best." Last year, we made a complicated structure. And we improved our machine this year and reduced the weight of it. Our machine has internal production and high quality, therefore, we will do our best to win the first prize.

● Team sponsors

Alpha bug, NTN, Ehara oxygen, F.C.C., Motors Okada, Quick Hanyu, SAFLAM, studio GIA, Solid Works Japan, tire selection Fukiage, Toyota Rentalease Saitama, motorcycle staff ARIE, Fuji seimitsu, Honda Motor, MISUMI



29 Tongji University

● Members

[CP] Zhao Xuanbai, [FA1] Kong Deyang, [FA2] Deng Jun, [FA3] Tian Xiao, [MBR] Xu Hao, Tan Yugen, Fu Wangliang, Nie Yizhou, Lin Xu, Liu Puzhi, Tan Haoyuan, Dai Lin, Zhang Yi, Qin Longwen, Xu Maofei, Li Zaoyang, Wang Qingyi, Zhao Xuanbai, Jin Shaoye, Fu Junfeng, Ji Yuan, Wang Bin, Zhang Guangyu, Guo Yuecheng

● Car Features and Team Aspirations

Based on our last design, we build our new car for this year with a clear design concept as "Better dynamic, better maneuverability and lighter quality". Our new design focus on lightweight and control. Our team's spirits are innovation, endurance and unity.

● Team sponsors

JTEKT, Continental, Mathworks, ZF, Changhui, kartworld, NSK-Warner, Motul, JMT, SFCV, XA, MSC, ANSYS



30 Toyohashi University of Technology

● Members

[CP] Yushi Araki, [FA1] Hideki Yanada, [FA2] Toshiaki Yasui, [MBR] Kouhei Nishino, Kei Kato, Taishi Noro, Keisuke Yamada, Daiki Itokazu, Yuji Sano, Yuichiro Shimizu, Shota Yonemaru, Kohei Yoshida, Harumo Sasatake, Shohei Shiraki, Shinri Yamada, Yosuke Akamatsu, Midori Takaoka, Koki Yachinaka, Naoto Inoue, Katsura Iwamoto, Satoru Kawakami, Nguyen VietPhi, Kouta Shiino, Yasuoki Takeda, Shoma Choji, Genki Tomoda, Ryo Machiki, Kota Yamamoto, Ryuji Yonekawa, Tuyoshi Tani, Takuya Watanabe, Daiki Sada, Tadamasu Kurosawa, Toshiki Isaka, Tatsuya Hujii, Yuya Fujisawa, Naoto Izumi, Keisuke Takahashi, Tatsuya Yamaguchi

● Car Features and Team Aspirations

We have developed a new vehicle "TG08" based on a concept of "Improve the corner-exit velocity" this year.

By making not only the chassis but also the wheels with CFRP, a further reduction in weight of our vehicle has been achieved.

We aim at top 10 with our vehicle to which four CFRP wheels are attached.

● Team sponsors

Musashi Seimitsu Industry, CDS, MITSUBISHI RAYON, YURAKU CONFECTIONERY, Yutaka Giken, Kyoritsu Sangyo, Honda Motor, Huntsman Japan, Henkel Japan, SHOWA AIRCRAFT INDUSTRY, HOEI Industry, DAIDO DM SOLUTION, WAKO CHEMICAL, NTN, MISUMI, TOPY INDUSTRIES, SolidWorks Japan, NEXT, YSP Minami Toyohashi, SATO VAC, JAPAN INSULATION, Mitsubishi Materials, OSG, Fuji Seimitsu, SAIMA, Nippon POP Rivets and Fastners, Tsugepurasesu, SANKYO RADIATOR, TAMATSUURA PATTERN, TAKAGI KIGATA, ACROSS, ENUMA CHAIN MFG, GARAGE TAKAHASHI, RENT, Sumitomo Wiring Systems, ofa, ITO RACING SERVICE, CYBERNET SYSTEMS, WINKS, Information and Media Center (on Campus), Cooperative Research Facility Center (on Campus), Research Center for Future Vehicle City (on Campus)



31 Shizuoka University

● Members

[CP] Watahiki Masahito, [FA1] Hukuta Mituhiro, [MBR] Megumi Anzai, Noritaka Kimura, Hiroto Takayanagi, Shinji Sano, Motohiro Kawamori, Hayato Sakai, Shouhei Takahashi, Masahiro Iwao, Mamoru Shibata, Nakazawa Yukio, Kibune Takuya, Naoto Watanabe, Takuma Tsuchimoto, Kazuki Nakamura, taiki uchiyama, Yuzuki Shibata, Yasumitsu Baba, Ayane Kawahara, Eri Yamaguchi, Ryo Nkanishi, Tomoko Kanbara, Nishi Ryunosuke, Kouji Nomata, Yuta Takenaka, Chisaki Yonekura, Masafumi Fujioka, Yoshinori Matsumoto, Itsuki Fukuta, Yusuke Watanabe

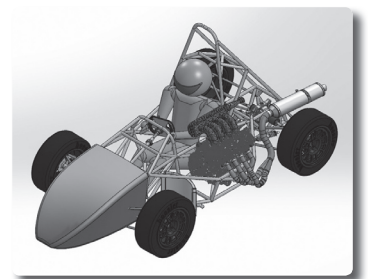
● Car Features and Team Aspirations

Inherit a traditional side engine layout. "the steel spaceframe was adopted as the concept for two of the improvement] in the turning characteristics in improvement and the high-speed region of acceleration performance.

The engine layout different from others aims at a winners' platform.

● Team sponsors

R's, AKOYA HIGH TECH, ASAHI KASEI CONSTRUCTION MATERIALS, Umezawa chuko, NRS, NMB, OMRON, Kato Cam Giken, KANEKO GEAR, Kyowa industry, SAIAN, Cybernet Systems, Shitoro, Shimizu Material, Showa Aircraft Industry, Shin Nippon Tokki, Shinba Iron Works, Suzuki, Suzuki World Hamamatsu, Sumitomo Wiring System, SolidWorks Japan, DAYTONA, TOHNICHI, TOYO-KEISOKUKI, TEIJIN, Nicole Marketing, Nihon Lock, Hamamatu Daiichi Tosou, Hamamatu Tekkou Kikai Kougyou, Fukai Mfg, Henkel Japan, Maruichi, MISUMI, Mooncraft, Motor park Quick, RAYS, WAKO CHEMICAL, AVO / MoTeC JAPAN, O.Z. S.p.A, Hoosier Racing Tire, NTN, Takayanagi



33 Nagoya Institute of Technology

● Members

[CP] Yusuke Yamauchi, [FA1] Kazuhiko Kitamura, [MBR] Kazuya Kawai, Akiyoshi Endo, Omi Sakai, Yusuke Sawaki, Yasura Dodo, Toshihiko Mishima, Yuya Yogo, Takuya Kataoka, Ryouhei Kanamori, Takaaki Kawakami, Kimihiro Nagase, Yutaka Nakamura, Shingo Maeda, Yoshiaki Matsumoto, Keisuke Yamada

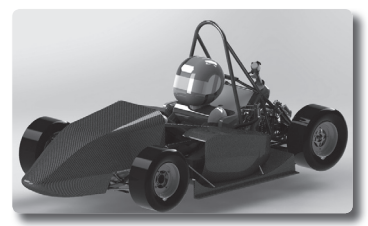
● Car Features and Team Aspirations

The comprehensive championship which did not reach one more step last year by cornering machine 'NIT-10' based on the lightweight packaging by the single cylinder engine and a 10-inch tire is aimed at!

● Team sponsors

Aoyama Seisakusho, enable Co., ALTECH Co., Aluminium Craft of Celerity, Idemitsu Kosan Co., Ltd, Iwakura Radiator Syokai, NTN Corporation, fc-design, F.C.C.co., Ltd, Ohtsuka Seisakusho, Okajima Pipe Co., Ltd., Kato Gear Seisakusyo co., Ltd, Kikuchi Sheet Co. Ltd., KYOWA KOGYO CO., LTD. CARVEK Co., Ltd, Kyowa Electronic Instruments Co., Ltd., Kunimi Commerce, inc., KURE Engineering

Ltd., KOTA CIRCUIT YRP KIRIYAMA, Sakura Industries Co., Ltd, Shinano inc, Single Heart, SHINBORI, SUZUKI MOTOR CORPORATION, SUMITOMO LIGHT METAL INDUSTRIES, LTD, Sumitomo Wiring Systems LTD, SEKISUI PLASTICS CO., LTD, Software Cradle Co., Ltd, Dassault Systems Solidworks Corp., DAIDO METAL CO., LTD, Daihen Welding and Mechatronics Systems Co., Ltd, Chuo Spring Co., Ltd, Tsuge Bender, THK CO., LTD, Daytona Corp. Tomoe Meeting, NAGOYA KOUGYOUKAI., Nagoya Jushi Industry Co. Ltd. NARITA MFG., LTD., NISSHIN Kokan CO., Ltd., Nitto Boseki Co., Ltd, NIPPON SEIKI Co., Ltd., FiBRACo., Ltd, Blenny Giken Ltd., PLOT, Inc, Makita Corporation, MIKUNI CORP., Makita Corporation, Mihama Circuit Kunimoto Japan Corporation., Gear Manufacture Company, Yamaha Motor Co.,



Team Information (Members and Sponsors)

34 Kyushu Institute of Technology

● Members

[CP] Tomoya Nakagawa, [FA1] Toru Kawabe, [MBR] Shoichi Yoshinaga, Hirokata Hokazono, Koji Sasayama, Akimi Sawata, Masanori Nakamura, Naoto Yamaguchi, Daijio Takahara, Shusaku Chinen, Yuki Nagai, Takaya Harano, Atsushi Matsuda, Garyu Kimura, Keita Koyama, Takahiro Haraguchi, Yosuke Yamaguchi, Masanori Matsui, Yukitaka Goto, Humiki Ono, Satoshi Kozuka, Hibiki Saigyo, Shosei Sakata, Takahiro Shinozaki, Kodai Shimafuji, Yuya Jinno, Mitsunori Miyazaki, Yusaku Mori, Ayu Ago, Rika Inazu, Takaaki Komine, Keita Sonoda, Hironori Magaribuchi, Ryosuke Yanagi

● Car Features and Team Aspirations

Our vehicle's concept of this year is "All for Speed-Challenge to speed". We developed aiming at improvement in reliability so that the performance of vehicles could be demonstrated fully. We would like to wipe out the disgrace in the last fiscal year and aim to win sixth prize.

● Team sponsors

Ishihara Radiator, Air Gases Kitakyushu, NTN, F. C. C. Office K. Kawasaki, Kinokuni, KYOWA, KU WAHARA BIKEWORKS, Sasakikogyo, SIW, T AKADA, DOW, PRIME Garage, TONE, MACH FC, MISUMI, Meisenkai, yamato, Yamanaka Eng, Watanabe, WAKO'S



35 Osaka Sangyo University

● Members

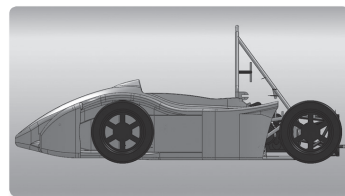
[CP] Takuya Matsumoto, [FA1] Hiroyuki Ueda, [FA2] Takashi Maruyama, [MBR] Yoshikazu Motone, Shouhei Yamaguti, Tomoki Sumimoto, Sin Konisi, Takesi Ootani, Takumi Yoshioka, Kandai Urayama, Naoki Yokoyama, Akira Tomogane, Kouki Sibahara, Kaoru Oota, Keiji Tutumi, Kouki Furukawa, Daiki Horiguti, Daima Nisida, Yuuta Namiki, Tomoyosi Hayasi

● Car Features and Team Aspirations

This year, the concept of "Reduction of moment of Yaw inertia", performed to weight reduction of the car, we made efforts to improve cornering performance. Become a united team to the chagrin of spring last year, we aim to within the top 10 overall.

● Team sponsors

Kawasaki, RS TAICHI, Ueda, NTN, F. C. C. Kuni chemical, Dow kakoh, Sanwa plating industry, Sunayama plant, Sportslandikoma, Sumitomo wiring systems, SolidWorks, Daizo Nichimoly, Daito Radiator industries, Daihatsu Motor, Takata, Tani iron works, Nissin industrial, Matsuda, Misumi, Megatech, Moriyasu iron works, RAYS, Wako chemical, Maruhachi, Altech no, Blenny giken, Osaka Sangyo University



36 Kanazawa Institute of Technology

● Members

[CP] Kyoichi Yamasaki, [FA1] Yoshikazu Tsukamoto, [MBR] Keita Sasaki, Yuki Akamatsu, Kei Andoh, Masaki Kano, Miki Kamihashi, Hiromichi Tanigawa, Akihiro Nakajima, Kenya Nishiaki, Shiori Morimatsu, Masaya Wade, Shodai Otsuka, Shota Katada, Yusuke Shigeyoshi, Takuma Chadani, Atsushi Hayashi, Shin Uchida, Yuki Kakinuma, Masashi Kano, Kota Komuro, Tuyoshi Konno, Hiroto Sakai, Koichi Saji, Kennichiro Sadahiro, Aya Shintani, Tomohiro Suzuki, Keito Takeuchi, Shintaro Tanaka, Ryo Tamada, Keiichiro Nakazawa, Akira Nigorisawa, Takuya Nitta, Ryo Hasegawa, Akinori Iino, Takaya Kojima, Yuya Hanamura, Yuuki Sugimoto, Sho Koguchi, Toshiya Suganuma, Sayaka Arakawa, Shinnosuke Noda, Takayoshi Matsumoto, Masaki Okada, Kota Kimura

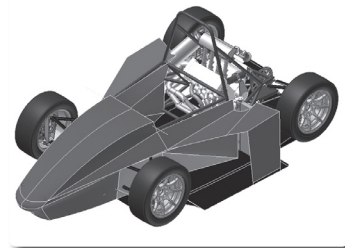
● Car Features and Team Aspirations

The main concept of KIT-13 model is "High Power Light Weight". We have been aim to lighter since 2 years ago. and this year we aim high power. We did not finish endurance in the 9th and 10th convention. Therefore we pursue the

goal of completing the all-dynamic competitions.

● Team sponsors

AKIRAX, IMAMURA FRICTION WELDING, UEDA, AVO/MoTeC Japan, S-GRID, NTN, KINOKUNI Enterprise, Kusajima Radiator Works, SUZUKI, Sumitomo Wiring Systems, TAN-EI-SYA, DAIDO KOGYO, TOLAP, NAOX, Nissin Kogyo, FUKAI manufacturing, MISUMI, MOTUL, La Strada



37 Gifu University

● Members

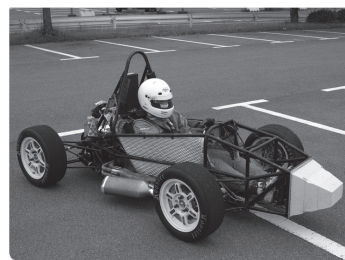
[CP] Yusuke Nakayama, [FA1] Tadayosi Ihara, [FA2] Satoshi Kikuchi, [MBR] Takeaki Oya, Mineto Sagou, Kazuya Takenaka, Mori Masato, Yuki Mori, Takafumi Tutumi, Ryota Nakazawa, Tatuya Banno, Masaoki Yagi, Kaoru Terasima, Airi Kuno, Takato Kawata, Masaki Omokawa, Kazuki Okada, Syoki Kumagaya, Takumi Ishida, Naoki Kasuya

● Car Features and Team Aspirations

In GFR013, we design manufacture of the machine to run a machine quickly, which a driver tends to operate was carried out. The features of GFR012 are Double Reduction Gear Drivetrain, Hollow drive shaft, Carbon suspension arm, and the Engine that carried out the weight saving by removal the gear of 5, 6 and 1 speeds. A convention aims at the 10th place of synthesis now not only aiming at dynamic events complete running but aiming at Acceleration 4.5 seconds, and Skid-Pad 5.3 seconds.

● Team sponsors

SUZUKI, SHINBA IRON WORKS, CCI, DAIDO DM SOLUTION, MISUMI, NISSIN KOGYO, FURUKAWA BATTERY, FCC, NBK, Fukami Manufacturing, NOGUUCHI KING OF SEAT, SUGIYAMA, SANWA MEKKI KOGYO, IWATA MFG, OTAKE MFG, DAIDO KOGYO, Kondo Kagaku, NTN, FUKAI MFG, Hattoriyousei, KINOKUNI Enterprise, ABC, SolidWorks, NHK SPRING, Nakanihon Automotive College, Shinoda Racing Shop, TRINITY, Sumitomo Wiring Systems, GIFU GEAR, tsugeprasesu, Okamoto Nabeya, HIKARI MANUFACTURE, shibakanagata, Pacific Industrial



38 Keio University

● Members

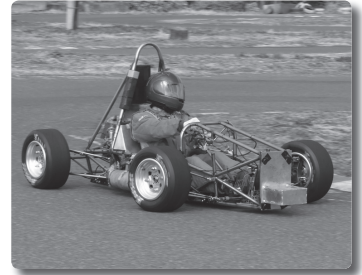
[CP] Takashi Suzuki, [FA1] Norimasa Iida, [MBR] Akihiro Kita, Sena Kurachi, Takahiro Akutu, Ryo Sato, Yutaro Misumi, Shodai Deguchi, Ayaka Yoshida, Yoshito Saito, Hiromu Fukamachi, Kuniko Yamaha, Natuki Matsukawa, Daigo Noguchi, Takayuki Kondoh, Hayahide Nagase, Keishi Tanimoto, Yuhhei Aihara, Akihito Kimura, Naohito Yuasa, Kazuki Mura

● Car Features and Team Aspirations

In KF-11, we refined the spirit of "light-weight, low-centroid" machine making. The team focused on "enhanced development and modification" as our concept. We have set our goal to win a prize by being ranked above 6th place.

● Team sponsors

R K JAPAN, icom, Amon Industry, NTN, AUTOBACS SEVEN, KINOKUNI Enterprise, KYOWA KOGYO, KUWAHARA BIKE WORKS, Keihin, Goshō works, KHK Kohara Gear Industry, X.A.M Japan, SIVAX, JFE, QUICKHANYUU, JOUNANKEY, SUZUKI MOTOR, Sumitomo Wiring Systems, SolidWorks Japan K.K., DAIHEN Welding and Mechatronics System, THK, Toyoko Kagaku, takahashi kouki, TOPLINE PRODUCTS, Nagase Tool Matex, Nissin Kogyo, nobe, blenny, PLOT, Fuji Seimitsu, POSH, NIPPON POP RIVETS AND FASTENERS, Honda Motor, MATSUI MEASURE MFG, MISUMI Group, Mitsubishi Materials, Mitoloy, Musashi Holt, YASHIMA, yamato-industrial, YAMAWA MFG, UD TRUCKS, Yutaka Giken, UNI Flex, YOSHIMURA JAPAN, La Strada, RAYS, Racing Garage ENOMOTO, Works Bell, WAKO CHEMICAL, Machine system common laboratory Practical room, KEIO UNIV. S.A.E OLD BOYS CLUB



39 Honda Technical College Kansai

● Members

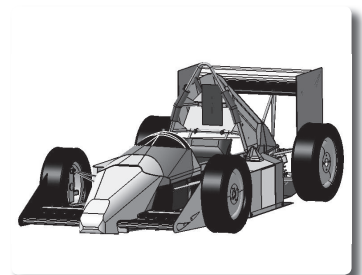
[CP] Takamasa Motomura, [FA1] Nakamura Tadayoshi, [FA2] Kunihiro Jintsu, [FA3] Yasuyuki Kimura, [MBR] Naoyuki Kosaka, Yuki Kaneyama, Naoyuki Tatsuda, Sigeki Narimatsu, Kyousuke Hineno, Kenitiro Migita, Naruyoshi Yamada, Taketoshi Wagzima, Katsuya Nisino, Yusin Fuzita, Tisei Matsuba, Takaaki Miyata, Kohei Yamamoto, Kazuto Harada, Masato nogi, Kouzi Nitanda, Satoru Honda

● Car Features and Team Aspirations

We will make the machine which let user taste racing driver, and we will produce appearance to look like Honda F1 machine in the past. We aim to first place in acceleration event and complete all dynamic events with high acceleration performance machine in the competition.

● Team sponsors

Honda Moter, Nissin Kogyo, F.C.C., SANNO TEC, HI-LEX CORPORATION, FUKAI Manufacturing



40 Shibaura Institute of Technology

● Members

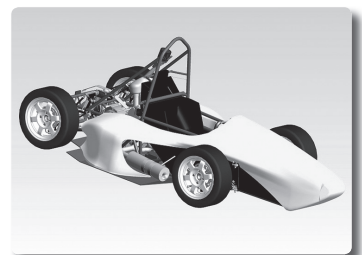
[CP] Yuta Shimizu, [FA1] Hiroyasu Saitoh, [MBR] Takahiro Tomimasu, Kenta Horie, Satoshi Tsuchiya, Atsushi Watanabe, Yuta Oosawa, Hiroshi Nishiyama, Tai Ishikawa, Kunihiro Kikukawa, Masayuki Noguchi, Tsubasa Aoki, Soichiro Tashiro, Shogo Yoshida, Tatsuhiko Nogami, Mizuki Kanazawa, Yusuke Ookawara, Akihisa Yoshino, Yohei Kokubo, Satoh Yuya, Yuya Oikawa, Akira Yamauchi, Kobayashi Kyosuke

● Car Features and Team Aspirations

Concept of S010, our 2013 car, is "High performance during acceleration" and to achieve this concept, we mainly developed powertrain. This year's our target is complete the entire event.

● Team sponsors

American Honda Motors, M-Tec, NTN, UD Tracks, RAC, RK Japan, ULVAC, Alpha, Arrow Racing, Umeoka, HPI, HKS, NMB, NK S, Em Giken, EndoKigata, Omaki Seiki, Oyagijutu Densyoubu, NKN, KANTO Industrial college, Kyarosse, Kyohei Sangyo, Kyowa Kogyo, Quiq Hanyu, Kurosaka Mekki, KEIHIN, Kobayashi Kiko, Saitama Shatai, CybernetSystem, SankoSeisakusho, Sumitomo Wiring Systems, Cradle, TAIYO Stainless Spring, Tajima Moter, TsurusakiSeisakusho, DEWETRON Japan, DENSO, Tokyo R&D, ToyokoSokki, TokorozawaKeigoukin, NissinKokan, NissinKogyo, NihonHatsujo, HI-LEX, Factory I.T.O, PHARO, Future Technology, plusμ, HONDA, HONDA R&D, mismi, MITOLOY, Minolta International, YutakaGiken, YokokawaKoji, RAYS, WORKSBELL, WAKO'S



41 Niigata University

● Members

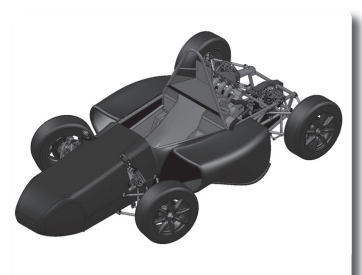
[CP] Masato Ikeura, [FA1] Takeo Tamura, [FA2] Takuji Haneda, [FA3] Taku Hatori, [MBR] Hidehumi Tsuruta, Jun Kageyama, Takeyuki Okuda, Hiroto Suzuki, Akinari Hosaka, Naoyuki Takahashi, Yuuki Ogura, Ryouhei Sugahara, Kei Takahashi, Kimiko Hori, Takeshi Yamasuge, Tatuya Yoshida, Tomoyuki Matsuzawa, Ryouta Ogawa, Masato Ishimoto, Shinya Ijima, Shunpei Ito, Takuya Sato, Soma Taniguchi, Ryo Tomita, Tomohiro Nakamata, Kakeru Nagai, Hiroaki Hibi, Yoshiki Maeda, Kouhei Mori, Kazunori Yahata, Taisuke Yamada

● Car Features and Team Aspirations

In the 11th tournament as a fifth year participate in a tournament, set the "pursuit of acceleration and cornering performance" similar to the previous year machine concept, we have been focused on improving the basic performance. We aim to exceed the results of the 2011 fiscal year to dispel the chagrin of last year that could not be finished by the trouble, played a breakthrough.

● Team sponsors

SUZUKI, NIIGATA LOADING SYSTEMS, NISSIN KOGYO, SUMITOMO RUBBER INDUSTRIES, NTN, WAKO'S, MISUMI, RACING SERVICE Watanabe, F.C.C., SolidWorks Japan, AVO/MoTeC Japan, KUWAHARA BIKEWORKS JAPAN, KOHARA GEAR INDUSTRY, Shin Nippon Feather Core, SHOWA DENKO, BLENNY, Altechno, KINOKUNI Enterprise, Sakamoto-engineering, Works Bell, Nikkel Niigata, MARUTO HASEGAWA KOSAKUJO, YAMAWA MFG., WATANABE Industrial, The Dow Chemical, RAC, S.T-Link, NANBA Seisakujo, NIPPON TALC, Tabata Radiator, TOP KOGYO, KIJIMA, SUNAYAMA SEISAKUSYO, SUNTECH, VSN, KYOSEI INTERNATIONAL, HUEKI WELDING, WEST RACING, Tec Nagasawa, KITACO, Daines, KURIYAMA, The Furukawa Battery, ISIKAWA INK, Kyohei Sangyo, KANEKO Commercial Establishment, Cool Nuts, MG Corporation, OSG, KYOWA KOGYO, Naniwa iron works, Department of Mechanical and Production Engineering Niigata University, Alumni association of Niigata University



Team Information (Members and Sponsors)

42 Okayama University

● Members

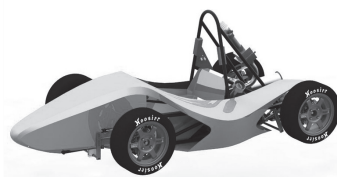
[CP] Takayuki Kusumi, [FA1] Nobuyuki Kawahara, [FA2] Hiroshi Kinoshita, [FA3] Koji Tabuchi, [FA4] Yoshihiko Tamura, [FA5] Isao Yamane, [MBR] Koki Kawai, Ryo Yukimasa, Hiroki Imori, Shota Hashimoto, Daisuke Isaoka, Ryosuke Shige, Takayoshi Yamamoto, Asato omoto, Yuta Ogino, Yusuke Kitamura, Kentaro Kuwata, Yuto Konishi, Yuta Kondo, Hiroki Tani, Kazuki Deguchi, Daiki Masuda, Mayu Mizoguchi, Kazuki Murata, Bunta Mori, Masanobu Watanabe

● Car Features and Team Aspirations

We aim at "completing all competition" which we haven't achieved in recent years. Therefore, we designed "OUFP-09", putting importance on lightweight and data acquisition. Also productivity, maintainability and drivability are considered.

● Team sponsors

ant lion, Ishihara radioor, Uchiyama Manufacturing Corp, AVO/MoTeC Japan, NTN, FCC, Fcdesign, amon, OSG, OKAYAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, Okayama International Circuit, Okudaira pipe, Kawasaki Heavy Industries, Kyowa, Kurashiki Kako, K-MAX SPEED, Sanyo Resin Industries, JX Nippon Oil & Energy, Suzuki Motor Corporation, SUMICO LUBRICANT CO, Sumitomo Wiring Systems, Solid Works Japan, Daihatsu Motor, Take Off, TECHNOL JAPON K.K., DENSO, TOHNICHI Mfg, TOYO CORK MANUFACTURING, Toda racing, nissin kikai, NISSIN KOGYO, Nippon Rent-A-Car, fukushima kako, PLUS-MYU, PLOT, MIKUNI INDUSTRY, MISUMI, MITSUBISHI MOTORS, Ride on Okayama, La Strada, RAYS, WORKS BELL, Faculty of engineering Okayama University, Center for engineering innovation faculty of engineering Okayama University.



43 Seikei University

● Members

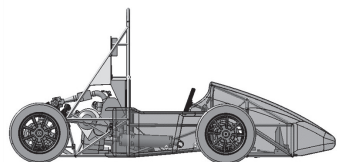
[CP] Masaki Ota, [FA1] Junji Horiguchi, [FA2] Michinori Sato, [MBR] Hayato Hasunuma, Yohei Tsukui, Yudai Zakoji, Yoshihiko Asano, Satoshi Metoki, Shotaro Ishii, Ryota Nishi, shota shiratori, Suguru Negishi, Tejima Masataka, Kouta Suzumura, Makoto Matsuda, Shinji Nakano, Takahashi Kenta, Chiro Kobayashi, Shogo Usuda, Makoto Mitarai, Kai Takako, Rei Kitano, Minoru Omori, Taiga Kawaguchi

● Car Features and Team Aspirations

It calls for "improvement of basic performance" as a vehicle concept for this year, to pursue the basic performance of the car, further, it became a vehicle that is balanced by a challenge also actively new mechanism. With the aim of results in 16 or more is a best ever ranking.

● Team sponsors

Nissin Kogyo, Yutaka Giken, Dow Chemical, Nifco, Tohoku Radiator, NTN, F.C.C, Sumitomo Wiring Systems, Auto Parts Service, Kyowa Kogyo, Niitaka gear, Honda Motor, Misimi, Faculty of Engineering Alumni Association SEIKEIKAI, Seikei University, Faculty of Science and Technology, Kazuma Sports, Honpo connection, THK, Formuland RA, driving school Musashisakai Works, RPM, KINOKUNI Enterprise, MORISHIN INDUSTRIES, Maekawa Testing Machine Mfg, Murakami Mfg, Kobayashikiko, azuma steel pipe



44 Hiroshima Institute of Technology

● Members

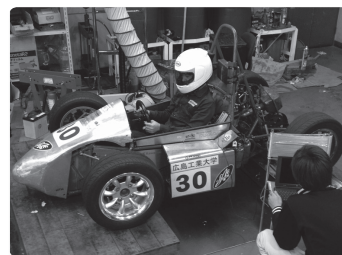
[CP] Yuki Hayashi, [FA1] Akio Ochi, [MBR] Hadano Shinpei, Yasumitsu Takata, Masato Hibi, Yoshiaki Aritome

● Car Features and Team Aspirations

Feature of our team machine is lightweight, compact, low center of gravity, Low-fuel consumption and low-cost. We designed faithfully to the basic for our machine.

● Team sponsors

FC-design, BRIDGESTONE, SolidWorks, Kawasaki, ABEBE dining hall, Leaf Garden, VSN, TAMADA SPORTS LAND, shindaiwa



45 Tokyo University of Agriculture and Technology

● Members

[CP] Shungo Aoki, [FA1] Takayoshi Kamada, [MBR] Takatsugu Sato, Yuya Tsuneoka, Yuri Mochizuki, Takumi Natori, Shoki Yamaguchi, Naohiro Watanabe, Shinhou Wang, Yuhei Saito

● Car Features and Team Aspirations

Improving various problems of last year's vehicle, we newly designed and manufactured many parts. We aimed at highly complete vehicles. The concept is "improvement in marginal performance". We remember the spirit that we started and aim complete running of a dynamic event this year.

● Team sponsors

Aoki Automobile, WEST RACING CARS, NOK, NTN, F.C.C., FC design, OSCO industries, KYOWA KOGYO, KEIYO BEND, CITY CART, SYNCFOR, Sumitomo Wiring Systems, SolidWorks Japan, TRAD, Niitaka Gear, Nissin Kogyo, NATS, NICHIRIN, Pronto hi-1000.com, Honda Motor, Yutaka Giken, RAYS, WAKO Chemical, TUAT MSE, TUAT MSE Kiyuukai



46 University of Fukui

● Members

[CP] Akiyoshi Takami, [FA1] Shintani Masanori, [MBR] Yamoto Yuusuke, Odake Masataka, Yosimura Syungo, Takakura Ryou, Hujikawa Syuntarou, Hukui Yasuo, Mukai Ryou, Oida Kazuhiro, Yamaguti Kazuya, Nakano Hiroki, Sakamoto Kinshirou, Huji Syogo

● Car Features and Team Aspirations

Concept is "Fun to Attack" for this year. We challenge this competition with our machine that has the target of "improvement of high rigidity", "Improvement of road surface tracking performance" and "tractable power" and the driver will enjoy attacking. Unfortunately, We retired Endurance in the middle last year. We aim at top finishers and finish the endurance this year.

● Team sponsors

WEST RACING CARS, UNO GEAR INDUSTRY, A & M Trading, AVO/MoteC JAPAN, NTN, Enuma chain mfg, F.C.C, KINOKUNI Enterprise, KYOWA KOGYO, Quick Art, Kusajima Radiator Works, KUWAHARA BIKEWORKS JAPAN, Kobe Steel, SUZUKI, SolidWorks Japan K.K., TIRE GARDEN Fukui, TAKASU CIRCUIT, TECHNOIL Japon K.K, Nissin Kogyo, VSN, HI-LEX CORPORATION, University of Fukui Faculty of Engineering Center for Innovative Research and Creative Leading Education, Blenny Giken, Marugo Rubber Industries, Misumi, YOSHIOKA.KOH, RAYS,S-GRID, AKIRAX



47 Tokyo Denki University

● Members

[CP] Kento Taguchi, [FA1] Kazunori Kodaira, [MBR] Daiki Fujii, Takeshi Kato, Shohei Eguchi, Kenta Kasuya, Tomohiro Kishi, Gento Matsushita, Yuchi Kawagoe, Takumi Horiuchi

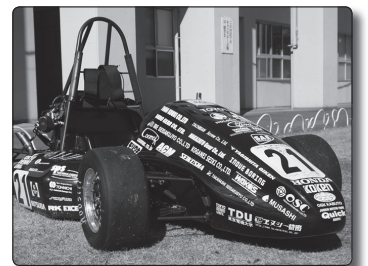
● Car Features and Team Aspirations

Our machine was improved in reliability after Japanese and Australian competitions in 2012. We will win the competitions this year with the refined machine based on our concept that "Compact·Lightness·Low center of gravity" .

● Team sponsors

ACM, AMINEX, ATOCK, CAM brain, CYAN, DASSAULT SYSTEMES, Fuji Electric, Fuji Electric FA Components & Systems, Hayashi, HIRANO SEISAKUSHO PLC, Honda, Honda Cars Saitama, INOUE BORING, KANTO Machinetech, KATSUKI WORKS, KEIHIN, KOKEN, KOGANEI SEIKI, Kunimi Commerce, Maruichi Rubber Industry, MISUMI, MITSUBA, MIYAKI, MORIWAKI Engineering, Nabeteck, NAGASE ELEX, NAGATA Industry, NAKAJIMA KOGYO, NAKAMURA, NAKAZATO Gear, NC-Seimitsu, NDK-kakou-center, Nihon Parkerizing, Nippon Carbon, NIPPON EXPRESS, NIPPON

POP RIVETS AND FASTENERS, OGG KABUTO, Ohmura Seisakusyo, OKAJIMA PIPE, PHIARO CORPORATION, PROJECTION, QUICK-HANYU, RACING PLAZA MECCA, Rainbow Motor School, RK EXCEL, SEIKOSHA, SHINSEIKIKO, SINTOKOGIO, SOFTPREN INDUSTRY, SOURIAU JAPAN, SPS TECHNOLOGIES, TACHIBANA Screw, TAIHO KOHZAI, Taiyo Engineering, TERADA, Three-K, TOHNICH, TOHOKOKI, TOKAI GIKEN, Uchino-Seisakusho, WAKO CHEMICAL, YAGISHITAGIKEN, YAGUCHI, YK Translation, ZENERAL SEIKO



48 Sojo University

● Members

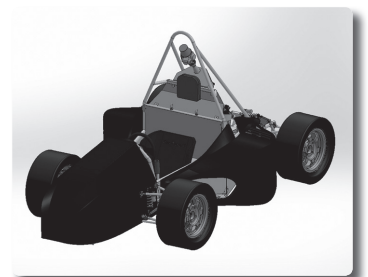
[CP] Yoshinori Takeshita, [FA1] Hironori Saitou, [FA2] Koji Uchida, [FA3] Yukinori Ikuta, [MBR] Kazuma Deguchi, Yuta kubo, Shinnosuke Nakamura, Masaki Kotani, Ryouta Kamiaka, Yui Furue, Akira Wada, Akihiro Umeno, Tsubasa Furukawa

● Car Features and Team Aspirations

The concept is "Challenge" . Challenge to top 30 attributed to gaining the points for all the dynamic events, which was not attained last year, by the improvements of our vehicle such as new equipment (quick shifter) and a significant change of the frame structure.

● Team sponsors

HONDA, Solid Works Japan, LAYS, F. C.C, NTN, KYOWA JAPAN, The Hokushin electronic service, VSN, Mazda rentacar Honjo office



49 Tokyo University of Science, Yamaguchi

● Members

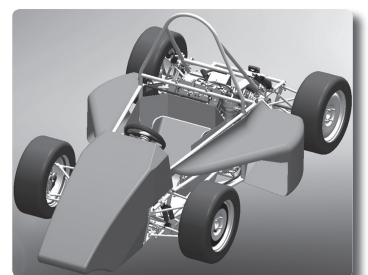
[CP] Takahiro Mori, [FA1] Takao Kijima, [FA2] Akihiro Takemura, [MBR] Syuji Aramaki, Haraga Osamu, Masaya Sono, Masaharu Tanoue, Yosiaki Satou, Kouki Nakahara, Takahiro Kakahara, Yuuzi Kimura, Humiya Koga, Sinnya Simoda, Minato Ooki, Sannsiro Katou, Yuuki Meteorima, Naoki Yamasita, Takahumi Ike, Yasuaki Suzuki, Kazukiyo Ishimoto, Yohei Nagatomi

● Car Features and Team Aspirations

Following on from our efforts last year, we have moved ahead with designing and producing a machine with the concept of linear drivability in mind. In order to achieve maximum success, we have concentrated this year on weight saving and utilizing higher performance rigidified machine parts. We therefore have great hopes of attaining a greater position than the 35th place in this coming competition.

● Team sponsors

本田技研工業, NTN, NISSIN, AutoExe, 亜細亜製作所, SolidWorks, F.C.C, 住友電装, エーモン工業, 和光ケミカル, ミスミ, ダウ化工, 光栄堂, 初田製作所, west racing cars, KYOWA, 正屋, 内田銅機, IRS, FCデザイン, RAYS, キノクニエンタープライズ, PriorTec, deepstage, 県立おのだサッカー交流公園運営協会, Natura Circuit, Roadster CLUB OF JAPAN



Team Information (Members and Sponsors)

50 Thai-Nichi Institute of Technology

● Members

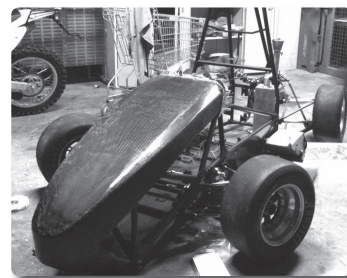
[CP] Nitipat Inpen, [FA1] Phatsakon Phanophat, [FA2] Manop Choomphukaew, [MBR] Nattapoom Charoenlarpkul, Nattaphong Phrprasert, Pitchapa Lotrakul, Wannaphong Rotjanarungtaewee, Teeraphong Phutawee, Boonruxsa Sangmanee, Patcharawat Charoenamornkitt, Kotchakarn Nantasaksiri, Itsariya Sathaworn, Meena Waneewanich, Metavee Roetchanopas, Gunya Pinyovorapak, Piyawit Apiniharn, Banpot Pimsuwan

● Car Features and Team Aspirations

This year we've design our car to use new type of engine, 2 cylinders engine, as we're focusing on decrease the weight but still have sufficient performance for the competition.

● Team sponsors

Fill part, Toyota, Honda, J.N. Transos.YSS



51 Kanazawa University

● Members

[CP] Masahiro Sasao, [FA1] Noboru Hieda, [MBR] Soichiro Murai, Makoto Suzuki, Manzi Nozomi, Kazuya Iwata, Kazuma Utunomiya, Takahiko Ootake, Ryouzuke Shimozawa, Shinnosuke Yoneda

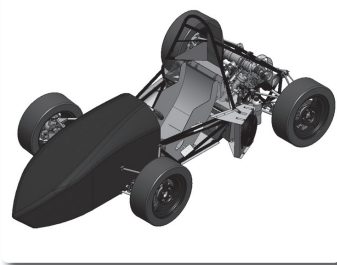
● Car Features and Team Aspirations

The vehicle concept is "Go back to basics". Our aim is to design a high efficiency and easy to drive car. We aim to finish all dynamic events.

● Team sponsors

ALINCO, ALTECHNO, RS.SANSAL, ISHIHARA-METAL MANUFACTURING, IBSJ, Uno Sanso, ENUMA CHAIN MFG, NTN, MSC Software, OKAJIMA PIPE, Kanazawa Kogyokai, Kanazawa University Technical Support Center, KINOKUNI ENTERPRISE, KINOSHITA MANUFACTORY, KEINZ PERFORMANCE ENGINEERING, KOMATSU NTC, SAWAMURA DENKI INDUSTRIAL, SANYO KASEI, Global Active Technology, GS Yuasa Power Supply, SUZUKI AKITA AUTO PARTS MFG, SUZUKI MOTOR, CENTRAL GLASS, SolidWorks Japan, The DOW Chemical Company, TAKASU

CIRCUIT, TAKAMAZ MACHINERY, CHADANI TEKKO, iSiD, TODOROKI SANGYO, TOHNICHI, NAOX, NAGAYAMA JIBI INKOUKA IIN, NISHIMURA JIGU, NISSO SERVICE, Kistler Japan, NIPPON PAINT, Neorium Technology, HAGA KIGATA KANAGATA SEISAKUSHO, Honeywell, BABA KAGAKU KOUGYO, HANSHIN NEJI, NISSIN, HYUGA SEISAKUSHO, HIGASHIYAMA, Blenny Giken, FUJI SHAFT, PFU, FUJIKOSHI, FURUKAWA SKY, First Molding, hokusho-shouji, THE HOKKOKU SHIMBUN, BOSCH., mitokogyo, MORITA KOGYO, Yamaha Motor, LOCK FASTENER, VI-grade, SEKI, WAKO CHEMICAL, Yamamoto



52 Universitas Gadjah Mada

● Members

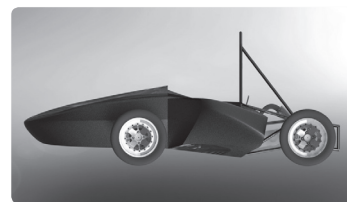
[CP] Muhammad Fikri Haykal Syarif, [FA1] FA1uzun, S.T., M.T., Ph.D, [FA2] I Gusti Bagus Budi Dharma, [FA3] S.T., M.Eng., Ph.D, [MBR] Fauzan Putradi, Rahmat Hafiz, Fikri Aulia Rahman, Wahyu Adhika, Bagus Basuki, Supriyono, Bimo Ario Suryandaru, Budi Santoso, Bagas Estu Widyanan, Lidya

● Car Features and Team Aspirations

This is the third generation car of Bimasakti Team. 'Bimasakti' came from the name of traditional puppet that means respected figure, tough, and brave, yet remain wise and humble. This team represents the talent of Indonesian young engineers by introducing a new concept of acceleration using the CBR600RR engine. We use stub axle, equal torsional shifter, and hydraulic clutch as our unique features. It is with no doubt this car will show a high performance with a lighter weight and better maneuvering in a cost-effective way. We always carry the spirit to bring success in JSAE Competition. Keep accelerating forward.

● Team sponsors

Federal Oil, Astra Honda Motor (AHM), Governor of D. I. Yogyakarta



53 Tottori university

● Members

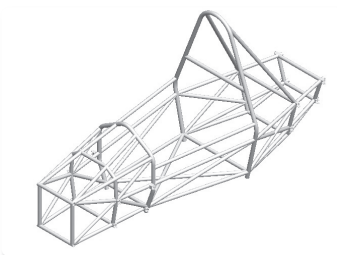
[CP] Kousuke Nakamura, [FA1] Naoki Kawamura, [MBR] Yuki Ishii, Daiki Takeuchi, Yusuke Ogasawara, Yusuke Noda, Kiyomi Ishioka, Koki Nakatsukasa, Kenta Niinai, Shoji Tobita, Taichi Kanazawa, Kana Yoshida, Kei Torisu, Masayuki Morita, Yuhei Iwamoto, Shio Nakajima

● Car Features and Team Aspirations

We have hit the production aims to improve vehicle driveability and improved turning performance. This year I will finished all the events of desire.

● Team sponsors

KAWASAKI, F.C.C, NTN, NISSIN, SolidWorks Japan, THK, MISUMI, TIRESHOPT2, Limparts, M4 H, HEARTILY, KOSEI, WAKO CHEMICAL, KYO WA, MIKUNI, Innovation Center for Engineering Education of Tottori University



54 Aichi Institute of Technology

● Members

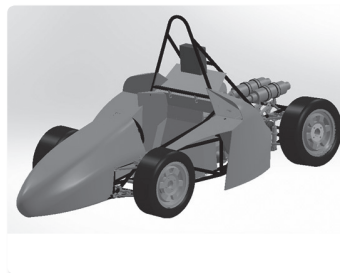
[CP] Takahiro Mizuno, [FA1] Toshio Fujimura, [MBR] Tomoaki Yamada, Daisuke Yamada, Yuki Morikawa, Taisuke Hutagami, Tomoyuki Uemura, Yuya Ito, Motoshi Asai, Yuta Yabusaki, Daiki Uemura, Motoki Serizawa, Kazuaki Ikeda, Daisuke Tanaka, Jun Hukudome, Yuhji Ohno, Masaya Suzuura, Shuhei Tomita, Kei Nagaya, Kazuyoshi Tanikawa, Yuta Hieda, Masato Yamasaki, Toshihumi Watanabe, Yutaka Ohshima

● Car Features and Team Aspirations

We improved as based on vehicle of last year and succeeded in weight saving and improving of maintainability. We aim to run the whole distance at endurance.

● Team sponsors

YAMAHA Motor, FT TECHNO, MAEDA SHELL SERVICE, MAEDA GIKEN, A. I.TECH, Maruhiro Kozai, OSG, Sumitomo Wiring Systems, Sumitomo Light Metal Industries, Sumitomo Rubber Industries, Dow Chemical, enable, Touyou Kousyuuha Industrial, SARD, F.C.C, NKN, NTN, O. Z. Japam, Watanabe Industrial, Okajima Pipe, ACCEL, RAYS, Nissin Kogyo, Nakada Craft, SolidWorks Japan, THK, Kyouwa Kougyo, Mitutoyo, WEST RACING CARS, Nagoya DAIHATU, Nikaido Body Works, Sasano Shoten, Eishindou Shoten, Aichi Institute of Technology Challenge Project



55 Ritsumeikan University

● Members

[CP] Seigo Onishi, [FA1] Keiko Watanabe, [MBR] Takashi Nakanishi, uebayashi hirokazu, Naoto Miyawaki, Shota Miyake, Masataka Fujita, Keisuke Arai, Naotaka Sugita, Takahiro Nishida, Kento Kobashi, Takafumi Kuboyama, Tomohiro Kuroda, Youichi Ishikawa, Syou Nakayama, Kyouhei Emoto

● Car Features and Team Aspirations

RRF-010 has operability and driving performance is the basis of racing car. We have completed the vehicle early in order to obtain the completion of the vehicl and enough running. We would like to aim the top and, to achieve the full participation events that did not come true last year.

● Team sponsors

Kawasaki Heavy Industries, Ltd NTN Kyowa Kogyo Matsumoto Kinzoku SolidWorks Japan Daihatsu F.C.C XAM Japan WestRacingCars Sankin Ishihara Radiator Wako's MISUMI BSL Bike Kobolwaki Tsukinowa Driving School NEOS Yamazaki of Spring Kinokuni Enterprize VBOX JAPAN K-One



56 Toyota Technical College Nagoya

● Members

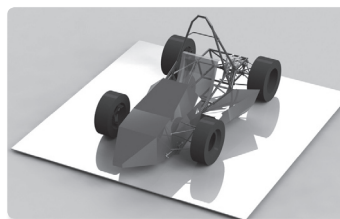
[CP] masashi nishio, [FA1] tetsuya hayakawa, [FA2] Kenichi Kubota, [MBR] tomohiro kitayama, Yusuke Miura, takashi aoki, Kimura Takuto, kouji fujita, Kazuki Fujitani, Kentaro Nakagawa, Kotaro Mayama, Akihisa Mori, Yasutaka Tanaka, Tomoya Ando, yuki nakamura, Taku Toyama, takanori aikawa, Yoshihiro Izuta, Yuichiro Ikeda, Yuya Banno, junichi sugimoto, katsuyoshi izumi, Shunsuke Taguchi, Hikaru Mamiya, Shunsuke Sato, Kento Suzuki, Takahiro Okada, Go Kato, Kazuki Sanada, Daiki Fuji, Kengo Sakaida, Takumi Futamata, Naoya Inokuchi, Junya Sakakibara

● Car Features and Team Aspirations

Our machine concept is [Everyone can easy control]. So, driver cell was expanded than last year. Furthermore, turning characteristics and operativity were raised by adopting LSD than last year. Our resolution is aiming at the highest ever ranking.

● Team sponsors

Yamaha Motor Company, GOODYEAR Japan, NTN, DAD, Solidworks Japan, WAKO CHEMICAL



57 Setsunan University

● Members

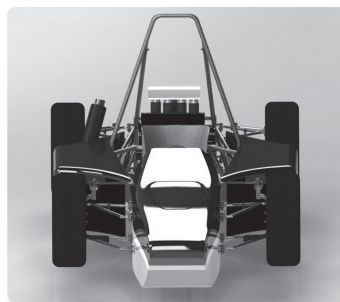
[CP] Taiga Bamba, [FA1] Masaaki Horie, [FA2] Ryuzo Maruyama, [MBR] Naoki Tsujita, Naoki Ihira, Ryouta Ono, Takahiko Sano, Ryuji Takahasi, Naruto Igarashi, Shota Sato, Yuta Tokumasu, Soshi Takahashi, Seiya Okuno, Yuta Yasuda, Shuhei Mizuno, Masaru Takeuchi, Yugo Kitagi, Xiaoyu Huang, Yu Tenjinbayashi, Ryosuke Takagi, Hiroto Morioka, Masaki Iio

● Car Features and Team Aspirations

We designed a new formula machine. For example, it's steering and suspension system. Those systems improved turning performance. We have overcome reflection points. Because we have produced a better performance. We purpose to complete race in this yaer.

● Team sponsors

SUZUKI, Solid Works-Japan, Setsunan University Supporters' group, KISETSUKAI, NTN, VSN, FCC, FUKAI Seisakusho, Cooling Door, F.C desine, RAYS, Hoosier, WEST RACING CARS



Team Information (Members and Sponsors)

58 Meisei University

● Members

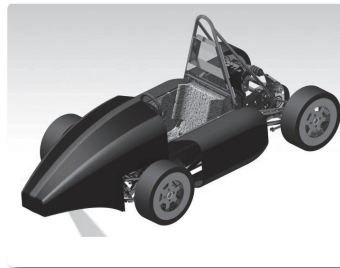
[CP] Shiroshita Yuki, [FA1] Kamei Nobuaki, [FA2] Tomoyuki Ishii, [FA3] Tsuneo Egawa, [FA4] Takahito Kawahara, [MBR] Gotou Daiki, Akiyama Kousuke, Matsunaga Manabu, Yamano Masahiro, Ishii Yuya, Hiroto Ichikawa, Taiga Iwamoto, Yuki Kanazawa, Tomoyori Kimura, Takuma Zama, Ogino Takahiro

● Car Features and Team Aspirations

I designed in mind the two "low center of gravity" and "compact" as the concept of the body design this year. Compared with vehicle in the previous year, to lower the position of the engine, to design a small cockpit, was produced. It is not possible to pass a vehicle inspection unfortunately last year, and could not participate in the dynamic examination. Because it was able to travel and participate in dynamic examination two years ago, and then advance to the top over the performance of two years ago, aims to 30th within this year.

● Team sponsors

Honda Motor Co., Ltd. Dassault Systèmes. Driver Stand Fuchu 2rinkan. WEST RACING CARS. Special Technique Research Co., Ltd. Ikuseikai. Meisei University Alumni Association. Ikuseikai. MYZ Co., Ltd. RAC Corporation. SHINKO MECHATRONICS CORPORATION. Division Technology. DIVISION ENGINEERING. Ishikawa Factory.



59 College of Industrial Technology, Nihon University

● Members

[CP] Hirayama Takashi, [FA1] Takahashi Susumu, [FA2], [MBR] Taisei Tatara, Shota Aso, Masato Watanabe, Kei Fukasawa, Kanji Hirozane, Asuka Naoi, Yuki Furuya, Kentaro Iida, Kohta Kawaai, Yasumasa Ueda, Norihide Akatsu, Kazuki Itou, Yuto Umemoto, takadate youtarou, Sho Makino, Soutarou Yamamoto

● Car Features and Team Aspirations

Attaches great importance to the fact enjoy motor sports, we did the design and manufacture of the vehicle. The team unity, we will achieve the finish of the event and all the top finishers!

● Team sponsors

HONDA, GruppeM, SolidWorks, NISSIN, NTN, F.C.C, TECHNO AUTO SERVICE, Quick HANYU, KIKUCHI SEISAKUSHO, VI grade, CRADLE



60 Saitama Institute of Technology

● Members

[CP] Tomohiro Maruyama, [FA1] Osamu Shimoyama, [FA2], [MBR] Yukihiro Masaki, Hiroki Mukai, Kaito Suzuki, Takuya Okamoto, Tatsuro Okonogi, Suguru Hatanaka, Daichi Tonegawa, Seiya Sakuma, Atsushi Kurosawa, zhang tianwen, Hiroki Funayama, Hayato Wakabayashi

● Car Features and Team Aspirations

This year machine is improved maneuverability and drivability to increase the lateral stiffness of frame and steering to optimize suspension geometry, and lightweight frame. We will aim for the top 10 of the 11th student formula of Japan.

● Team sponsors

HONDA, NTN, NISSIN KOGYO, DAIDO KOGYO, TOYO DENGYO, DENSO, FORUM 8, WEST RACING CARS, SHINDOH, ANSYS, SANDOH, SUZUKI MOTORS, SLASH, Section, Saitama Institute of Technology Support Group



61 Institut Teknologi Bandung

● Members

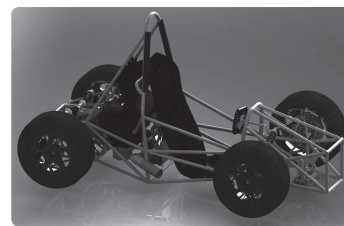
[CP] Muhammad Hasbi Maulana, [FA1] Toto Hardianto, [FA2] Indra Nurhadi, [MBR] Muhammad Isroffi Pramudito, Arief Budi Sanjaya, Ryan Naldo Pratama H., Joko Wisnugroho, Raditya Reksamudra Akbar, Randianto Susilo, Darma Yuda, Hari Golfianto, Faldi Haris, Radian Azhar Gondokaryono, M. Insan, Hanif Satyo Prabowo, M. Rizka Faisal R., Arief Rahman Abdullah, Ryandanu Priwanta, Prihadi Prasetyo, Adri Muhammad Rivai, Arwin Rizqurrahman, Enrico Arnoldy, Syahrial Ramadhan, Raditya Ramadhani

● Car Features and Team Aspirations

Focusing to optimize the 2012 design through handling performance and weight reduction. The target of our team in 2013 is 20th place in overall team ranking

● Team sponsors

PT. Dirgantara Indonesia



62 Aoyama Gakuin University

● Members

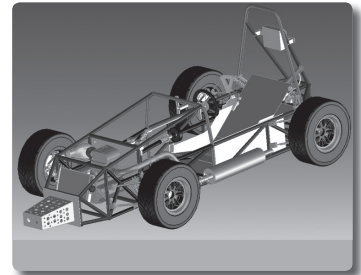
[CP] Takayuki Tomita, [FA1] Koichi Hayashi, [FA2], [MBR] Yuichi Suzuki, Yuuki Kitazawa, Tetsuhiro Kubo, Daiki Fujimori, Kazushi Nogami, Takayuki Saito

● Car Features and Team Aspirations

We worked to aging of the vehicle this year. It put a lot of power into the driving test, and raised the durability of vehicles. Moreover, mind was distributed to the details of vehicles and "beauty" was pursued. We will show off the culmination of four years FR layout challenge!

● Team sponsors

Yamaha Motor, Denso, NTN, PTC Japan, Altech, INTERCAST, QUICK-hanyu, F.C.C., MURATA, WESTRACINGCARS, ANSYS, Cybernet Systems, TAKATA, KUCHIDA GEAR ENGINEERING, SAKAE-KOUKAN, NAGASE TOOL MATEX, Industry association of magnesium in IBARAKI, UPSHIFT, AOYAMA GAKUIN ALUMNI ASSOCIATION, GARUDA



64 Okayama University of Science

● Members

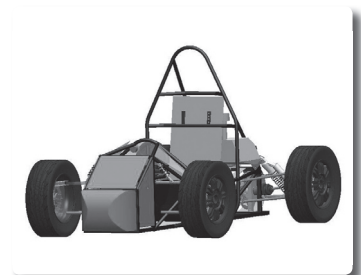
[CP] Masato Hirano, [FA1] Toshiaki Kaneeda, [FA2] Yokomizo Seiichi, [MBR] Takuya Nagahiro, Shinpei Kawano, Kinya Toyao, Shu Manabe, Ryousuke Mihara, Noriaki Shimada, Feripe Almeida, Hirokuni Kojima, Akito Taniguchi

● Car Features and Team Aspirations

Vehicle of this year we made the concept of reliability. We'll try aim to achieve all of the tournament events finish is what this year as a challenge of the third year.

● Team sponsors

Kawasaki, NISIN, THK, SolidWoks, SHIN, NTN, MiSUMI, DAIHATSU, Okayama International Circuit, NIPPON Rent-A-Car, Nissin Kikai, F.C.C, Fuchimoto Heavy Industry, Shirakami Zyuko, RAYS



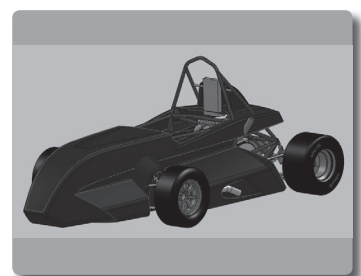
65 Nippon Institute of Technology

● Members

[CP] Shunta Wada, [FA1] Michio Nakano, [FA2] Toshiyuki Yasuhara, [MBR] Ryo Tomata, Hayato Kakizawa, Keigo Kijima, Eita Setoguchi, Shuhei Fujioka, Kota Morimoto, Hayato Watanabe, Motohiro Inage, Kyousuke Gotou, Masaki Kaneko, Kou Kuwabara, Naoyuki Ojima, Shunichi Tsuchiya, Yuki Arai, Seiya Horiguchi, Takanori Miyauchi, Ryo Kurosawa, Masanori Watanabe, Satoru Takazawa, Masanori Fukuda, Yuki Sekiguchi, Tatsuya Sakai, Naoki Taguchi

● Car Features and Team Aspirations

● Team sponsors



66 The University of Tokyo

● Members

[CP] Masahiro Ryomoto, [FA1] Kohei Kusaka, [FA2], [MBR] Matsumoto kousuke, Ito Akira, Yorita Satoshi, Horiguchi Shota, Shimomura Yuuki, Takeuchi Yu, Keita Kanno, Hayto Kobayashi, Tennin Yang, Tatsuya Yamashita

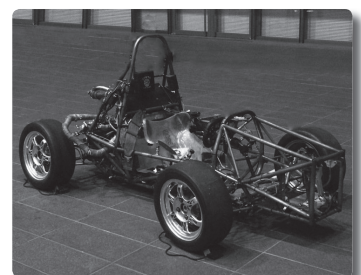
● Car Features and Team Aspirations

UTFF's new model UTFF14 is completely new packaged car in our team history featuring Vtwin-engine, shaft-drive and, aero-devices. As a challenger we'll manage to win the dynamic events.

● Team sponsors

RC JAPAN, IDAJ, IHI, ALTECHNO, Ishikawa Tokushu Tokkyu Seihon, iNOUE BORING, NTN, F. C.C., ENGINEER, ofa, Kato Cam Giken, KANEKO GEAR MFG, Kinokuni Enterprise, Kyowa Kogyo, GRAZ, Kobe Steel, CYBERNET, Sankin, Sankei Kougyou, Sankyo, Showa Aircraft, Silicon Sensing, Suzuki, Suzuki Sports, ZF Japan, Dow Chemical, Diamond Engineering, TAN-EI-SHA WHEEL SUPPLY, CHINO, THK, DKK-TOA, TOKO, NIPPON STEEL & SUMITOMO CHEMICAL, TOYO SOKKI, Toho Tenax, NAOX, Nissin Kogyo, Nitto Boseki, VIEWTEC JAPAN, Eutectic of Japan, HIOKI

E.E., BASF Japan, First Molding, Fuji WPC, Fujikura, FUCHINO, Future Technology, BRITZ, Blenny Giken, Furukawa-Sky Aluminum, BOSCH, MARUICHI STEEL TUBE, MiSUMI, MITOKO GYO, Mim iu, MUTOH Engineering, MEIRA, YAMATE Industry, YAMATO INDUSTRIAL, Yamaha Motor, UD TRUCKS, YOSHIMURA JAPAN, Yodallying, LOCK FASTENER, WAKO CHEMICAL, AVO MoTeC Japan, Original Box, KANTO-KODAI, Technical Pro Shop Tanshaya, Shisaku Kojo, Insutitute of industrial Science, the University of Tokyo



Team Information (Members and Sponsors)

68 The University of Kitakyusyu

● Members

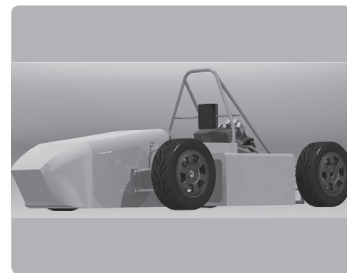
[CP] Tomoyuki Inoue, [FA1] Sadami Yoshiyama, [FA2] Hiroki Cho, [MBR] Tomohiro Kawaoka, Ryota Gondo, Kazuki Uchiyama, Chiaki Tsutsui, Masaya Ohisi, Reo Sagara, Kazuto Kawasoe, Takashi Akamatsu, Yuuya Esaki, Yuuki Takase

● Car Features and Team Aspirations

Our aim is passing all events at 11th JFSAE. Our machine's design follows basic of racing car design. However, we developed light weight, well balanced and creatively parts for good performance.

● Team sponsors

Kawasaki heavy industries. F.C.C. Solid Works Japan. Software Cradle Co. Sumitomo light metal. Sumitomo rubber industries. The Dow Chemical Company. THK. Maeda kiko. The university of kitakyushu. Kitakyushu Foundation for the Advancement of Industry.



69 University of Toyama

● Members

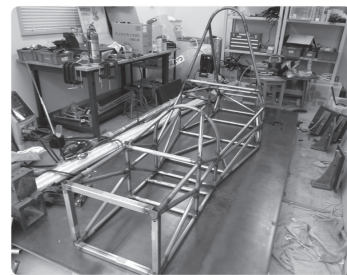
[CP] Kazuyuki Takata, [FA1] Satoshi sunada, [FA2] Tetuo Aida, [MBR] Shuta Takeuchi, Koya Fujita, Tatsuki Atsumi, Kazuki Kuma, Ryo Hoshino, Yohei Nomura, Mei Maeda, Chitose Kanda, Tatuhiro Tokunaga, Takanobu Yasui, Nobuyuki Iwadera

● Car Features and Team Aspirations

Vehicle concept is "fusion". We aim to finish the first race of the team earnest desire with the machine which novel design and performance of the machine is fusion, can taste the joy of running.

● Team sponsors

F.C.C. NTN. Okajima Pipe Work. Tan-ei-sha. Fujikoshi. Honda



70 Waseda University

● Members

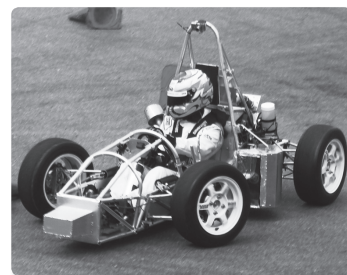
[CP] Hiroataka Sasaki, [FA1] Izumi Ishii, [FA2] Masayoshi Obata, [MBR] Akiko Mitsuhashi, Ryunosuke Kochi, Momoko Okada, Mitsunori Kimura, Yu Okuyama, Dai Sasaki, Hiroto Toyooka, Yuka Hishinuma, Tsuyoshi Hibino, Hirofumi Morooka, Kodai Usuki, Hiroki Asada, Daisuke Arai, Takafumi Imano, Takuto Ueda, Hiroki Kasuga, Keita Kamiirisa, Fumiaki Saito, Marina Suezawa, Kazuya Takane, Takamasa Tabe, Ai Todoh, Seungche Noh

● Car Features and Team Aspirations

Our machine displays bodywork relevant to aerodynamics and portrays a stylish design, and each mechanical system is designed simply in order to make changes easier. These characteristics make our machine special and unique. Our goal this year is to complete all of the events and make Waseda University stand out as much as possible.

● Team sponsors

SUZUKI, West Racing Cars, NTN, F.C.C., SolidWorks Japan, ENVIRO VISION, KINOKUNI Enterprise, KYO-EI Industrial Corporation, KYOWA KOGYO, Quick Hanyu, Class 4, CENT Graphic, Nissin Kogyo, FUKAI MFG, Cars hatano



71 Shizuoka Professional College of Automobile Technology

● Members

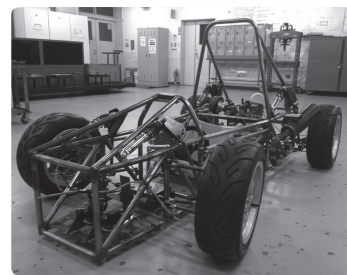
[CP] Namiki Muramatsu, [FA1] Hirofumi Ueda, [FA2] [MBR] Yuma Fujieda, Fumihiro Itou, Taiga Matsuda, Ai Iwamoto, Tomonaga Shirai, Yuuki Watanabe, Hirofumi Watanabe, Shouta Shimura, Takumi Ueda, Rin Shu, Kazunori Suzuki

● Car Features and Team Aspirations

Our target is running the whole distance of Endurance. It made it to making that valued the maintenance only of the school that promoted the mechanic. It is easy for everyone the feature is to control because the vehicle is small and compact. Aim at running the whole distance by a steady running.

● Team sponsors

SUZUKI, Maruyama Kogyo, Uniform-Center, Shizuoka Professional College of Automobile Technology



72

King Mongkut's University of Technology Thonburi

Members

[CP] MR. RATCHANON CHAMNIPAN [FA1] SURACHATE CHUTIMA [MBR] MR. APHICHAJ SUWANNATO, MR. KORAPHIT RUNGSIYANUSIT, MR. SARAN THAMMASIRIKUL, MR. TRI AUTCHIMATORN, MR. WINAI SINGPORN, MR. TANASIT SAIKRASOON, MR. MEEN ANGSUCHOTI, MR. KRITSANA HOMYEN, MR. NIGUY PHAYUNGPHON, MR. KITTICHAJ SAE-UI, MR. WASIN LABJONGPRASERT

Car Features and Team Aspirations

Team sponsors

SoA+D Valvoline, Power Lab, SKF, Alusa, Lenso PTT, Makita, Hemkel, Toyota, COCARE, ..



73

King Mongkut's Institute of Technology Ladkrabang

Members

[CP] Jiramed Boonsakda [FA1] Dr. Chinda Charoenponphanich Dr. Preechar Karin [MBR] Apicha Lertphorncharoen, Withawat Watthanathunyakram, Krisakorn Nuchun, Tanawat Wongmaneeead, Chockchai Jantang, Rattapoom Keskgam, Verayut Wongprechakul, Poonnut Thaeviriyakul, Natthapoom Siritwattanaphokin, Nataporn Kittisophat, Suwat Boonchuchoay, Siwaruj Jirapinyopas, Korakod Jangmanee, Sukkpranhachai Gatesichapakorn, Surawit Klanliang, Kamonthat Nathtaseth, Phitak Narong, Natthaporn Chitanont, Sarayut Duangkaew, Teerapol Jumratklang, Supavan Nanthavet, supalerk mookda, chitsanu noopim, Nicha Kietthanapaibool, Purnyaporn Ukkakimaparn, Thanayot Preecha, Wasitpon Tanhenghoun, Yotsawat Nitinititun, Thanayot Preecha, Thanva Veerajai

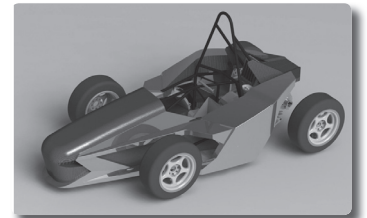
Car Features and Team Aspirations

Our car design with target "200kg and reliable". The advantage of our team is we co-operate with Engineering and stylish, students from Faculty of Engineering and Industrial Design, Faculty of Architecture. We use a lot of knowledge from our classroom to help in our design. We also use CAD/CAM/CAE programs to

help in part optimization. We join in international competition to prove our car and to improve our knowledge.

Team sponsors

Petronas, Cobra, Suzuki, Puma, Mew, Tozzhin, yokohama



74

VIT University Chennai

Members

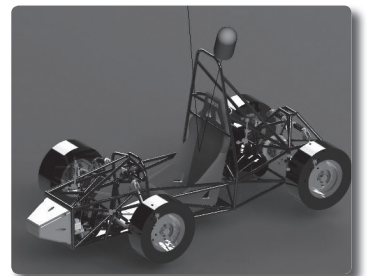
[CP] Sanchit Chhabra [FA1] Prof. Jayasankar E Variyar [MBR] Varun Moorthy, Somil Bhargava, Gautam Merwan Balagopala, Sharma Yashvardhan Yoginder, Emami Vishwanath Sarath Kumar, Sarang Rajendra Surve, Dipankar Behera, Shantanu Chauhan, Nasit Hardik Ramesh, Abhijit Patnaik, Akshay Gadekar, Shivanshu Shrivastava, S. Surotham, Shrikant Giridhar, Devanshu Rana, Ajay Madappat, Pranav Kopargaonkar, Prateeksha R, Sneha Iyer, Nikhil R Bhure, Arun Kumar P, Arihant Jain, Varia Vivek

Car Features and Team Aspirations

Simple elegant outer body over a properly triangulated space frame chassis powered by a 500cc EFI air cooled engine with custom designed hubs and uprights to hold the alloy wheels and, a D shaped steering wheel for a comfortable drive. Being a first year team the main aspiration would be to compete successfully in all the static and dynamic events and to gain a decent position amongst the world teams.

Team sponsors

Defence R&D Organisation, Crossland Health Services, Knorr-Bremse Bharat Petroleum Lube, Willwood, Solidworks, Quaipe, Images



75

Tokyo Technical College Setagaya Campus

Members

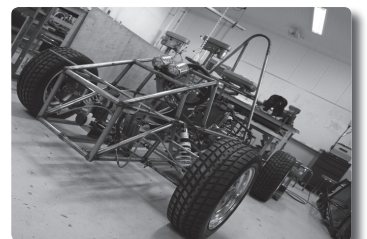
[CP] Yuta Toya, [FA1] Yasuyuki Yamaguchi, [FA2] Motohiro Matsuda, [FA3] Mituru Sugai, [MBR] Hiroumi Matsumoto, Satoru Nakada, Syota Itaba, Motoi Suzuki, Haruto Tomita, Yoshinobu Yamamura, Mii Nihei, Msato Kase, Ryuya Kamogawa, Noritaka Nagase, Yoichi Baba, Daichi Ando, Hyato Inoue, Syohei Konno, Yuichi Sibusawa, Joun Che, Shinsuke Tomita, Hiroki Hirayama, Nakabayashi Kazuki, Koichiro Mizuno, Miyu Haraguchi

Car Features and Team Aspirations

A concept is "can stop", "can run", "can turn". It is the purpose to learn the capability of craftsmanship.

Team sponsors

non



Team Information (Members and Sponsors)

76 Fr. Conceicao Rodrigues College Of Engineering

● Members

[CP] Ashish Menkudale [FA1] Sudhakar D S S [MBR] Akshay Darda, Yogita Gulecha, Tejas Shinde, Prathamesh S Ponskhe, Prasanna G Sawant, Prachitesh R Jadhav, Hardik S Panchal, Narendra Dhoni, Kartik Tripathi, Viral Mehta, Prasad Shavli, Rohan Natu, Akshay Gavandi, Rushikesh Salve, Abhinav Nayak, Ishan Acherekar, Sana Kanvinde, Pranav Bandekar, Prachitesh Jadhav

● Car Features and Team Aspirations

Being Production Engineering students, for us at Team Pravega, the SF Japan 2013 event is going to be our first time ever at an FSAE competition. Keeping that in mind, our first priority was to build a reliable vehicle. Being light in weight, the chassis design also facilitates optimum torsional stiffness. The vehicle design has been reworked a number of times to ensure ease of manufacture and better serviceability.

● Team sponsors

St. Xavier Pillar's charitable trust, Narmada India Pvt. Ltd., Commet Cables pvt. Ltd., Vidyalankar ,



77 Institut Teknologi Sepuluh Nopember

● Members

[CP] Samsul Rizal [FA1] Sutikno, ST., MT., Dr. Eng. [FA2] Ir. Witantyo, M.Eng. Sc. [FA3] Alief Wikarta, ST., M.Sc.Eng., PhD [MBR] Arif Aulia Rahman, Ahmad Fathoni, Alam Eka Putra, Muhammad Fadliil Adhim, Mahendra Sukma Perdhana, Hulfi Mirza Hulam Ahmad, Diaul Vikri Yuliyu, Fahmi Yuni Arista, Rois Adhe Rohmana, Achmadi, Ardi Nugroho, Septian Surya Dani, Muhammad Dwi Hariyanto, Taufan Hasyirurrahman, Deni Rizal Kaunang, Tito Arifianto Prabowo, Heri Luthfianto Satrio Wibowo, Ekak Novianto, Tjahyadi Rizky, Nurul Madinah, Bagus Kusuma Ruswandiri

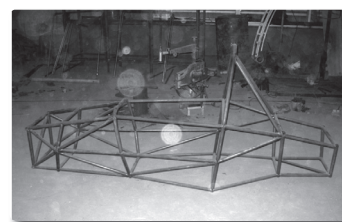
● Car Features and Team Aspirations

Our car was equipped with custom handmade ignitor to increase the performance of the engine. and we are very happy to join this competition because we can learn a lot of thing from technical side or non technical side. in technical side, we learn everything we've got on the college and at the same time applying these sciences into a project. in non-technical side, we also learned a lot of things ranging from working in a team, get in touch with the outside world, and practicing discipline especially technical submission at the time of collection. hope, after we participated

in this competition, we can become a "real engineer".

● Team sponsors

GMF Aero Asia



32 Harbin Institute of Technology at Weihai

● Members

[CP] Fan Xuemei [FA1] Wang Jianfeng [MBR]

63 Kokushikan University

● Members

[CP] [FA1] [MBR]

67 Shonan Institute of Technology

● Members

[CP] Seiya Moriyama, [FA1] Hiroyuki Sato, [FA2], [MBR] Daiki Inomata, Noya Yamada

78 PEC University of Technology, Chandigarh

We appreciate your cooperation for assuring a safe and pleasant event.

[Attention]

- ⚠ You must not enter the Dynamic Events Area ("Dynamic Events Area" on the map) (except team members and examiners in possession of a pass permitting entry to the area).
- ⚠ Please watch the dynamic events and practices from the designated areas. To prevent accidents, do not use flash when taking pictures while vehicles are being driven.
- ⚠ People without permission are not allowed to enter the Team Pit.
- ⚠ Please smoke in the designated smoking areas only. It is prohibited to smoke anywhere other than the designated areas.
- ⚠ Please sort and throw trash into the appropriate bins.
- ⚠ In hot weather, please take sufficient liquids and pay attention to your physical condition. If you feel sick, contact event staff as soon as possible to receive treatment from the nurses and doctors on call at the First Aid Station.
- ⚠ Do not approach hornets and snakes that live in the area around the site. If you are bitten or stung, please contact event staff nearby or the organizer's office.
- ⚠ Please follow instructions given by competition staff members.

[Disclaimer Notice]

- ⚠ The organizers and sponsors, co-sponsors do not take any responsibility for damages or losses.
- ⚠ The organizers are not liable for any changes made to the program.

Team Information of Formula EV 2013

[CP] Team Captain [FA] Faculty Advisor [MBR] Team Member: As of June 1, 2013

E1 Daido University

● Members

[CP] Toru Eshita, [FA1] Kiichi Yamada, [FA2] [MBR] Kousuke Shimozato, Hosokawa Kenichi, Koyo Matsuda, Hiromitsu Ishigure, Jun Takagi, Saitou Yusuke, Yusuke Nagae, Akiyoshi Nagasaka, Yochi Ando

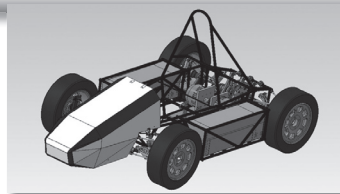
● Car Features and Team Aspirations

Include the AYC along with the twin motors of, were made to improve the turning

performance by the short wheelbase of. We aim to finish all dynamic events.

● Team sponsors

Nagoyasteel, Souzouseisakucenter, RAYS, K-on e, Kyoeitireservice, Nakagawaseiki, Sango, Yazaki sangyo



E2 Shizuoka Institute of Science and Technology [EV]

● Members

[CP] Akihiro Murata, [FA1] Shinji Takabayashi, [FA2] [MBR] Masami Kaihara, Ryuya Sano, Takuya Tokita, Takafumi Oi, Kumiko Miyano, Koji Mihara, Yuto Chizuwa, Yusuke Toyama, Kazufumi Suzuki, Tastuki Sato, Daiki Arai, Haruka Ishi, Takashi Kawai, Naoya Sugiyama, Kazufumi Suzuki, Kazufumi Suzuki, Kyosuke Suzuki, Kenta Takahashi, Hidehito Takahashi, Kenta Takabayashi, Yuma Takeuchi, Takahiro Horie, Hiroshi Maeda, Kazuya Matsumoto, Takuya Mochizuki, Takumi Yamamoto, Shungo Kimura, Yuto Wada, Takuya Ishihara, Yukari Iwasaki, Yuki Umeta, Masato Ikeda

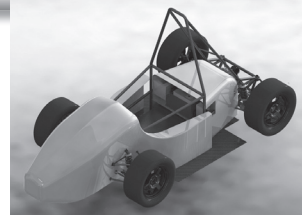
● Car Features and Team Aspirations

Using failure of the last year, I made a better car. I began a design immediately and performed a lot of test runs of the car. And completeness became higher

very much. It is EV competition first commemorative competition this year. I complete all the competitions by all means. And I win the overall victory.

● Team sponsors

ダイキン工業, スズキ, 株式会社, イグス, 富士ゼロックス, 小橋金属工業所, ベルキャリアール, ユニクラフトナグラ, ユニバンス, 東芝, 富士コミュニケーションズ, SHOEL, 鈴与商事, NTN, ソリッドワークス・ジャパン, NSK, ワーナー, 住友電装, 大同工業, 鳥居自動車整備, 深井製作所, 協和工業, 関ものつくり研究所, エヌ・エム・ビー販売, ユタカ技研, プロトラッド, 東洋電機製造, センサー・テクノロジーズ ジャパン, 矢崎総業株式会社, 協永産業



E3 Niigata Institute of Technology

● Members

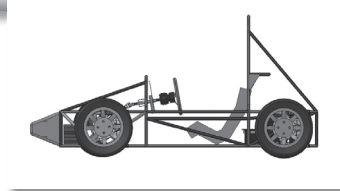
[CP] Masaki Nozawa, [FA1] Koji Kadomatsu, [FA2] Kanesaki Chikara, [MBR] Tomoya Satou, Katsuya Itagaki, Takuya Katano, Kouki Moriyama, Taiki Nagatsuka

● Car Features and Team Aspirations

For high driving force, easy building, light weight, We adopt 4WD system of in-wheel motors. In addition, We change the layout of the batteries, it is made to front and Rear weight distribution best. This time is the first time entry of EV category, but We will do my best to goal on the endurance event.

● Team sponsors

Shinagin iroworks, Limit, HAKUYO KOUKII Co., Ltd., YAZAKI Corporation, PROTRAD, Solid works Japan, Sensata technologies Japan



E6 Yeungnam University

● Members

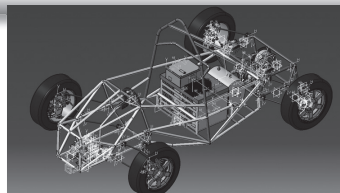
[CP] Shin Tae Yong, [FA1] Dong-Joo Lee, [FA2] [MBR] Jin-Yong Lee, seon woo Jeon, Kim joo hee, Shin Hyun Tae, Young Jin Kim, Gwak ho seok, Jung han young, Jung Bo Won, Gwang-Rok Kim, Ahn Su Kyeong, Ji-Un Lee

● Car Features and Team Aspirations

CMDM is the abbreviation of Chun Ma Dream Maker which means group of the people who make dream. We would like to introduce our team with these words; Challenge, Passion and Dream. We take part in this competition; 2013 JSAE; with our machine E&M-1 which is outcome of our team member's dream and effort. About our car, we would like to express by using these words; Safety, Stability, Speed. Thank you.

● Team sponsors

Bexel, Kumho Tire, THK, Delphi, Henkel, C.L, ENA industry, HJC, TS global, Powertech



Car No	School Name	Color(s)	Frame	Body-work	Suspension ① Front ② Rear	① Overall Length ② Overall Height ③ Wheelbase ④ Front Track ⑤ Rear Track			① Gross Vehicle Mass ② Fr.Rr. Weight Dist. ③ Ground Clearance		
E1	Daido University	White and blue line	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2684 mm ③ 1550 mm ⑤ 1200 mm	② 1200 mm ④ 1200 mm		① 300 kg ② 40:60 ③ 30 mm		
E2	Shizuoka Institute of Science and Technology [EV]	Leyton Blue	steel spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2810mm ③ 1600mm ⑤ 1150mm	② 1500mm ④ 1180mm		① 285kg ② 50:50 ③ 50 mm		
E3	Niigata Institute of Technology	blue	steel spaceframe	Fiber-glass	① Double Wishbone With Push rod ② Double Wishbone With Push rod	① 2610 mm ③ 1660 mm ⑤ 1300 mm	② 1100 mm ④ 1300 mm		① 301kg ② 49:51 ③ 50mm		
E6	Yeungnam University	black & yellow	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2870 mm ③ 1832 mm ⑤ 1380 mm	② 1076 mm ④ 1400 mm		① 350 kg ② 40:60 ③ 70 mm		
E7	Joint team of Nippon Institute of Technology and Sophia University	electro silver/green	steel spaceframe	fiber-glass	① Double unequal length wishbone arms ② Rigid Axle+Trailing arms	① 2400 mm ③ 1750 mm ⑤ 1200 mm	② 1040 mm ④ 1200 mm		① 180 kg ② 55:45 ③ 30 mm		
E8	Tohoku University	White/Purple	steel spaceframe	GFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2500 mm ③ 1550 mm ⑤ 1250 mm	② 1063 mm ④ 1250 mm		① 280 kg ② 50:50 ③ 37.5 mm		

*CarNo.E4 Hokkaido Automotive Engineering College, CarNo.E5 Kanagawa Institute of Technology

E7 Joint team of Nippon Institute of Technology and Sophia University

● Members

[CP] Saori Takami, [FA1] Akihito Okazaki, [FA2] Yasufumi Oguri, [MBR] Kazuhiro Taki, Saori Takami, Zhao Kai, Katsuhisa Kamei, Takuma Onoda, Tatsuya Inamura, Riho Shirai, Yoshiyuki Tsuruga, Ryusuke Masumoto, Akira Tamura

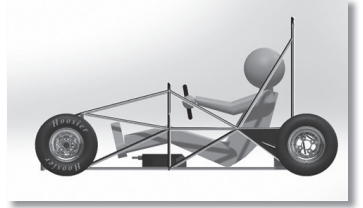
● Car Features and Team Aspirations

The target of our team is lightweight design and energy recovery. We applied FWD system to our car with hope for recovering as much kinetic energy as possible. We will win the competition with our EV racing car which is preliminary step

toward HEV racing car, and prove the ability of high-performance EV racing car.

● Team sponsors

GAT, NTN, PTC, RAC, RS Components, Amphenol Japan, OMRON, SAKAE KOUKAN, Shinobukikou, Sumitomo Wiring Systems, Sensata Technologies, TOSHIBA, Nisshinbo Holdings, Fuji Seimitsu, protrad, Brain and Trust, Yazaki Corporation



E8 Tohoku University

● Members

[CP] Shigenori Hashida, [FA1] Kenji Nakamura, [FA2], [MBR] Hiro Abe, Daiki Kamiya, Sakiko Kitashima, Atsushi Saito, Naoto Sasaki, So Shiozawa, Hiroki Shirahata, Keisuke Sugaya, Takafumi Suda, Kensuke Sumomozawa, Ryutarō Takeuchi, Masaki Tsukuda, Shoya Doguchi, Teruki Nakakura, Yosuke Baba, Shota Hayakawa, Akihisa Harada, Kazumasa Fuse, Shu Hoshino, Kohei Hosono, Daichi Matsubara, Muhammad Shazree, Kenta Muranaka, Takanori Yamada, Takumi Watarai

● Car Features and Team Aspirations

We put the driving position and heavy components very close to the center of the wheelbase for the unity of the car and driver. It can be realized only because of

EV, which has a compact drive train and high degree of freedom for layout. We aim to complete the Endurance and be the top EV without using the words "the first time to participate" as an excuse.

● Team sponsors

Department of Electrical Engineering, Graduate School of Engineering, Tohoku University, MotoGarage WINDS, Boeing, Miyagi Toyota, Sendai Toyota, Toyota Rent a Car Miyagi, Toyota Home Tohoku, Toyota L&F Miyagi, Netz Toyota Miyagi, Miyagi Hino Motors, Toyota Corolla Miyagi, Toyota Miyagi Parts Distributor, Lico Japan, Fukai, Kadan, F-C-C, Sensata Technologies Japan, PROTRAD, YAZAKI Corporation



E4 Hokkaido Automotive Engineering College

● Members

[CP] Tomoya MAEDA, [FA1] Tomomi KANEKO, [FA2], [MBR] Yuito Suzuki, Shinki Hashimoto, Atsushi Yamauchi

E5 Kanagawa Institute of Technology

● Members

[CP] Ishizuka Totaro, [FA1] Hirokazu Hirano, [FA2], [MBR] Takeru Hasegawa, Sho Oyama

Wheels & Tires	① モーター型式、型番、個数 ② 定格出力 (連続) [kW] ③ 最高出力 [kW] ④ 最大トルク [Nm]	① バッテリーの種類 (Li-ion, 鉛酸, など) ② 公称電圧 [V] 大電圧 [V] ③ 公称容量 [kWh / Ah] ※ ②③は組電池の状態	Shifter	Final Drive & Differential	Brakes ① Front ② Rear	Unique Features & Notes
13inch RAYS TE37 165/60R13 Yokohama ADVAN Neova ad07	① 永久磁石型同期モーター (ブラシレス) ② 4.0[kW] ③ 8.0[kW] ④ 26[Nm]	① Li-ion ② 76.8V ③ 7.68kWh/100Ah	N / A	ShaftTorsen	① 2 outboard ② 2 outboard	Twin Motor AYC
13inch RAYS TE 37 20.5/6.0-13 Hoosier	① 永久磁石型同期モーター, ダイキン 工業製オリジナルモーター ② 32[kW] ③ 37.6[kW] ④ 143[Nm]	① Li-ion ② 337[V]/382[V] ③ 4.38kWh/13Ah	1st gear fixing	Chain LSD	① 2 outboard ② 1 inboard Brembo calipers	CFRP Body-work MR Damper Chain Drive
13inch 155/70-13 YOKOHAMA BluEarth	① mitsuba (ブラシレス) ② 1.2kW (= 0.3 × 4 個) ③ 20kW/7500rpm (= 5 × 4 個) ④ 24Nm/7500rpm (= 6 × 4 個)	① Li-ion ② 75V ③ 4.5kWh			① 2 outboard ② 2 outboard Frando	in wheel motor 4WD
13inch Kumho Tire 170/515-13 DUNLOP Bias	① Permanent magnet synchronous (Non brush), PMAC, 1unit ② 20[kW] ③ 40[kW] ④ 200[Nm]	① Li-ion ② 204.8V/238.8V ③ 8.8kWh/50Ah	non	FCC	① 2 outboard wilwood caliper ② 1 inboard S&T Comet front right caliper	Electrical Vehicle
10inch × 7inch 10inch slick (18 × 6.0-10 R25B Hoosier)	① AFPM, YASA-750, 1 ② 55 [kW] ③ 85 [kW] ④ 750 [Nm]	① Combined(Li-ion and EDLC) ② 55.2V/55.2V(昇圧回路付) ③ 2.2kWh/40Ah		CUSCO	① 1 inboard ② 2 outboard Nissin calipers	FWD
13inch RAYS ALAP 175/60R13 Hoosier Radial	① 永久磁石同期モーター (ブラシレス), ME0913, 1 個 ② 12[kW] ③ 30[kW] ④ 90[Nm]	① Li-ion ② 72[V]/84[V] ③ 5.92[kWh]/80[Ah]	1 speed gear-box	chaindrive, mechanical L.S.D	① 2 outboard ② 2 outboard YA-MAHA JOG calipers	Compact EV

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Competition Site



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