



2012 **Monozukuri Design Competition Since 2003**
Student Formula Japan

Sep. 3^{Mon.} - 7^{Fri.}, 2012



Ogasayama Sports Park - ECOPA

Organized by



Society of
Automotive Engineers of Japan, Inc.



Contents



President's Message	1	Organizer/Supports/Committee Members	8
Outline of Events	2	Competition Staff Members	9
Schedule	4	Vehicle Specifications	10~17
Entry Teams	5	Team Members and Sponsors	18~36
Sponsors	6	Formula EV 2012(Trial event)	37
Awards	7	Notices	38



Welcome to 2012 Student Formula Japan



Mitsuhiro Yamashita

*President
Society of Automotive Engineers
of Japan, Inc.*

This year, we are celebrating the tenth Student Formula Japan since its 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 2012 competition has received entries from 82 teams, 69 from inside Japan and 13 from outside Japan. As a result, a total of 524 teams and more than 9,000 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.

As final preparation before its official debut in 2013, we are also holding the 2012 Pre-Competition for EVs alongside the regular Student Formula Japan.

The Student Formula Japan is held following the rules laid out for the Formula SAE® competition in the U.S. However, the JSAE has played an active part in formulating and revising the Formula SAE® rules in preparation for the EV Competition, and we have decided to enter the Formula SAE® Series this year alongside organizations from the U.S., the U.K., Australasia Italy, Brazil, and Germany.

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 all the staff and organization members for their hard work and dedication.

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 Fuel Economy	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. Fuel economy is evaluated in terms of the amount of fuel consumed in the Endurance.*1	300 (Endurance) 100 (Fuel Economy)
Total Points			1000

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

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	SITE
Sep/3 (Mon.) Day 1						Team Registration						Headquarters	
						Tech. Inspection						Tech. Inspection Area	
						<div style="border: 1px solid black; padding: 2px;">Tilt-Noise-Weight</div> <div style="border: 1px solid black; padding: 2px;">Presentation Judging</div> <div style="border: 1px solid black; padding: 2px;">Cost / Design Judging</div>						Tech. Inspection Area Ecopa Stadium Paddock Area	
Sep/4 (Tue.) Day 2						Team Registration						Headquarters	
						Tech. Inspection						Tech. Inspection Area	
						Tilt-Noise-Weight-Brake						Tech. Inspection Area	
						Presentation Judging						Ecopa Stadium	
Sep/5 (Wed.) Day 3						Tech. Inspection						Tech. Inspection Area	
						Tilt-Noise-Weight-Brake						Tech. Inspection Area	
						Acceleration / Skid-pad						Dynamic Events Area	
						Autocross						Dynamic Events Area	
Sep/6 (Thu.) Day 4						Tilt-Noise-Weight-Brake						Tech. Inspection Area	
						Endurance / Fuel Economy						Dynamic Events Area	
						Design Final Judging						Tech. Inspection Area	
Sep/7 (Fri.) Day 5						Endurance / Fuel Economy						Dynamic Events Area	
						<div style="border: 1px solid black; padding: 2px;">Commemorative Photo</div> <div style="border: 1px solid black; padding: 2px;">Awards Ceremony</div>						Dynamic Events Area	
Opening Hours for Public		Mon. <12:00~17:30>		Tue. <7:00~17:30>		Wed. <7:00~17:30>		Thu. <7:00~19:00>		Fri. <7:00~17:30>			
Opening Hours	Headquarters	Mon. <11:30~17:30>		Tue. <7:00~17:30>		Wed. <7:00~17:30>		Thu. <7:00~19:00>		Fri. <7:00~17:30>			
	Tech. Inspection Area	Mon. <11:00~17:30>		Tue. <7:00~17:30>		Wed. <7:00~17:30>		Thu. <7:30~17:30>		Fri. <7:00~17:30>			
	Paddock Area	Mon. <11:00~19:00>		Tue. <6:30~19:00>		Wed. <6:30~19:00>		Thu. <6:30~19:00>		Fri. <6:30~17:30>			
	Spectator Viewing Area					Wed. <7:30~17:30>		Thu. <7:30~17:30>		Fri. <7:30~15:00>			
	Practice Track			Tue. <9:30~17:30>		Wed. <7:30~17:30>		Thu. <7:30~17:00>		Fri. <7:30~12:00>			

Dates, times, programs and events are subject to change due to weather and other unforeseen circumstances.

Entry Teams

Car No.	School Name	Car No.	School Name	Car No.	School Name
1	Sophia University	29	Kogakuin University	57	Aoyama Gakuin University
2	Yokohama National University	30	Hiroshima Institute of Technology	58	Fukui University of Technology
3	Osaka University	31	University of Yamanashi	59	Toyota Technical College Nagoya
4	Utsunomiya University	32	The University of Tokyo	60	Kokushikan University
5	Nagoya University	33	Osaka Sangyo University	61	VNR Vignana Jyothi Institute of Engineering and Technology
6	Ibaraki University	34	Osaka Institute of Technology	62	College of Industrial Technology, Nihon University
7	Chiba University	35	Kanazawa Institute of Technology	63	Reva Institute of Technology and Management
8	Kyushu Institute of Technology	36	Hokkaido University	64	Thai-Nichi Institute of Technology
9	Tokyo City University	37	Okayama University	65	Sojo University
10	Tokai University	38	Meijo University	66	Harbin Institute of Technology at WeiHai
11	Kyoto Institute of Technology	39	Osaka City University	67	Universitas Gadjah Mada
12	Shibaura Institute of Technology	40	Toyohashi University of Technology	68	Tokyo Denki University
13	Nippon Institute of Technology	41	Institute of Technologists	69	Tokyo Metropolitan University
14	College of Science and Technology, Nihon University	42	Shizuoka Institute of Science and Technology	70	Guru Gobind Singh Indraprastha University
15	Keio University	43	Kanazawa University	71	University of Toyama
16	Doshisha University	44	Gifu University	72	Aichi Institute of Technology
17	Siam University	45	Hiroshima University	73	The University of Kitakyushu
18	Niigata University	46	Saitama Institute of Technology	74	Shonan Institute of Technology
19	Kyoto University	47	Honda Technical College Kansai	75	Toyama Prefectural University
20	Kinki University	48	Osaka Prefecture University	76	Tokyo University of Agriculture and Technology
21	Nihon Automobile College	49	Honda Technical College Kanto	77	National Institute of Technology, Jamshedpur
22	Shizuoka University	50	Tottori University	78	Tokyo University of Science, Yamaguchi
23	University of Fukui	51	Meisei University	79	Institut Teknologi Bandung
24	Nagoya Institute of Technology	52	Setsunan University	80	The American University in Cairo
25	Tongji University	53	Aso College of Automotive Engineering and Technology	81	Prince of Songkla University
26	Tokyo University of Science	54	Ritsumeikan University	82	King Mongkut's University of Technology Thonburi, Ratchaburi Campus
27	Kurume Institute of Technology	55	Seikei University		
28	Kobe University	56	Okayama University of Science		

■ S-Class

Toyota Motor Corporation
Nissan Motor Co., Ltd.
Honda Motor Co., Ltd.

■ A-Class

Bosch Corporation
DENSO Corporation
Fuji Heavy Industries Ltd.
Hitachi Automotive Systems, Ltd.
Kawasaki Heavy Industries, Ltd.
Mazda Motor Corporation
SolidWorks Japan K.K.
Suzuki Motor Corporation
VSN Inc.
Yamaha Motor Co., Ltd.

■ B-Class

Aisin AW Co., Ltd.
Aisin Seiki Co., Ltd.
Autech Japan, Inc.
Calsonic Kansei Corporation
Daihatsu Motor Co., Ltd.
ETAS K.K.
EXEDY Corporation
Hino Motors, Ltd.
Isuzu Motors Limited
JATCO Ltd.
Keihin Corporation
MAHLE Filters Systems Japan Corporation
Mitsubishi Motors Corporation
Mitsutoyo Corporation
Nissan Motor Light Truck Co., Ltd.
NOK Corporation
NTN Corporation
Outsourcing Group
Shin Nippon Tokki Co., Ltd.
Sumitomo Wiring Systems Ltd.
UD Trucks Corporation
Yachiyo Industry Co., Ltd.
ZF Japan Co., Ltd.

■ C-Class

ADVICS Co., Ltd.
Aichi Machine Industry Co., Ltd.
AW Engineering Co., Ltd.
Bridgestone Corporation
dSPACE Japan K.K.
Dynatech Corporation
F.C.C. Co., Ltd.
FT Techno Inc.
Hino Hutech Co., Ltd.
H-one Co., Ltd.
Isuzu Advanced Engineering Center Ltd.
JTB Central Japan Corporation
JTEKT Corporation
JX Nippon Oil & Energy Corporation
Meidensha Corporation
Mitsubishi Electric Corporation
Murayama Inc.
Musashi Seimitsu Industry Co., Ltd.
NHK Spring Co., Ltd.
Nifco Inc.
Nihon Michelin Tire Co., Ltd.
Nissan Shatai Co., Ltd.

Nissan Techno Co., Ltd.
Nisshinbo Brake Inc.
Nissin Kogyo Co., Ltd.
NSK Warner K.K.
ONO Sokki Co., Ltd.
Romax Technology Japan Ltd.
SANGO Co., Ltd.
Shinba Iron Works Co., Ltd.
SHOWA Corporation
Siemens PLM Software Inc.
Sumico Lubricant Co., Ltd.
Sumitomo Rubber Industries, Ltd.
Taiseisha Ltd.
TOKAIRIKA Co., Ltd.
Toyo Tire & Rubber Co., Ltd.
Toyoda Gosei Co., Ltd.
Toyota Auto Body Co., Ltd.
Toyota Boshoku Corporation
Toyota Industries Corporation
Toyota Technical Development Corporation
TS Tech Co., Ltd.
UNIPRES Corporation
Yanmar Co., Ltd.
Yutaka Giken Co., Ltd.

■ D-Class

A&D Company, Limited.
Aisan Industry Co., Ltd.
Aisin AI Co., Ltd.
Aisin Comcruise Co., Ltd.
Aisin Takaoka Co., Ltd.
Akebono Brake Industry Co., Ltd.
ASMO Co., Ltd.
Bando Chemical Industries Ltd.
Bonappetit
BRIDE Co., Ltd.
Chuo Spring Co., Ltd.
DAD Co., Ltd.
DENSO TECHNO Co., Ltd.
DEWTRON Japan Co., Ltd.
Daido Metal Co., Ltd.
FORUM8 Co., Ltd.
Fujitsu Ten Limited
Future Technology Co., Ltd.
G-TEKT Corporation
Ishikawa Gasket Co., Ltd.
Isuzu Engineering Co., Ltd.
KIRIU Corporation
JI Accident & Fire Insurance Co., Ltd.
Mathworks Japan G.K.
Matsui Universal Joint Corporation
Mituboshi Belting Ltd.
NGK Spark Plug Co., Ltd.
Nichirin Co., Ltd.
Nishikawa Rubber Co., Ltd.
Nishitetsu M-Tech Co., Ltd.
Pacific Industrial Co., Ltd.
Press Kogyo Co., Ltd.
PSG
Rikei Corporation
Shizuki Electric Co., Inc.
Sumitomo Bakelite Co., Ltd.
Suzuyo & Co., Ltd.
TACHI-S Co., Ltd.
Taiho Kogyo Co., Ltd.
The Yokohama Rubber Co., Ltd.
Tohnichi Manufacturing Co., Ltd.

Tokyo Boeki Techno-System Ltd.
Tokyo Marine & Nichido Fire Insurance Co., Ltd.
Tokyo R&D Co., Ltd.
Toray Industries Inc.
Toyota Technocraft Co., Ltd.
Tsuchiya Co., Ltd.
Tyco Electronics Japan G.K.
Uchiyama Manufacturing Corporation
Usui Kokusai Sangyo Kaisha Ltd.
Vector Japan Co., Ltd.
Yamaha Motor Powered Products Co., Ltd.

■ Award Sponsors

Japan Automobile Manufacturers Association, Inc.
ONO Sokki Co., Ltd.
Autech Japan, Inc.
JSOL Corporation
Sumitomo Rubber Industries, Ltd.
Toyo Tire & Rubber Co., Ltd.
Nihon Michelin Tire Co., Ltd.
Bridgestone Corporation
JI Accident & Fire Insurance Co., Ltd.
DEWTRON Japan Co., Ltd.
The Yokohama Rubber Co., Ltd.
Nicole Racing Japan Co., Ltd.
MOTUL S.A.

■ Supplier Sponsors

HORIBA, Ltd.
MAD-CROC Japan - CC Style
Otsuka Pharmaceutical Co., Ltd.

■ Thanks to

ECOPA

Shizuoka Hospital Association
Shizuoka Nursing Association

Kakegawa Chamber of Commerce & Industry
Fukuroi Chamber of Commerce & Industry

Nihon University
Shizuoka Institute of Science and Technology
Shizuoka University of Art & Culture
The University of Tokyo

Bridgestone Corporation
Dandelion Ltd.
Dome Co., Ltd.
Honda Meister Club
HORIBA, Ltd.
Japan Race Promotion Inc.
Komatsu Ltd.
Mitsubishi FUSO Truck and Bus Corporation
Oiles Corporation
ONO Sokki Co., Ltd.
Sato Press Kogyo Co., Ltd.
SOMOS Co., Ltd.
Suzuki Motor Corporation
Tohnichi Manufacturing Co., Ltd.
Toyota Motor Higashi-Fuji Technical Center
Yamaha Motor Co., Ltd.
Yorozu Corporation

(As of July 1,2012)

Awards

	Award		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, Fuel Economy, 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
	Spirit of Excellence Award	This award recognizes the top 6 finishers overall	①100,000yen ②90,000yen ③80,000yen ④60,000yen ⑤50,000yen ⑥40,000yen	ONO Sokki
	Cost Award	This award recognizes the top 3 teams who receive the best score in Cost and Manufacturing Inspections	①25,000yen ②10,000yen ③5,000yen	DEWETRON Japan
	Design Award	Top 3 teams who receive the best score in Design	①50,000yen ②30,000yen ③20,000yen	Autech Japan
	Presentation Award	Top 3 teams who receive the best score in Presentation	①40,000yen ②30,000yen ③10,000yen	Toyo Tire & Rubber
	Acceleration Award	Top 3 teams who receive the best score in Acceleration	①50,000yen ②30,000yen ③20,000yen	Sumitomo Rubber Industries
	Skid-pad Award	Top 3 teams who receive the best score in Skid-pad	①25,000yen ②10,000yen ③5,000yen	The Yokohama Rubber
	Autocross Award	Top 3 teams who receive the best score in Autocross	①40,000yen ②30,000yen ③10,000yen	Bridgestone
	Endurance Award	Top 3 teams who receive the best score in Endurance	Prize	MOTUL
	Fuel Economy Award	Top 3 teams who receive the best score in Fuel Economy	①50,000yen ②30,000yen ③20,000yen	Nihon Michelin Tire
	Rookie Award	This award recognizes the top 3 rookies – the teams participating in FSAE Competition in Japan or overseas for the first time	—	—
	CAE Award	This award recognizes the most effective application of CAE	①50,000yen ②30,000yen ③20,000yen	JSOL
	Lightweight Engineering Award	This award recognizes the lightest vehicle in the competition*1	40,000yen	JI Accident & Fire Insurance
	Best Improvement Award	This award is intended to reward the top 3 teams whose improvement in score are most outstanding compared to the last competition*2	Prize	Nicole Racing Japan
	Sportsmanship Award	This award recognizes the top 3 teams whose spirit of sportsmanship are deserving of great praise	—	—

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

*2 The team must participate in all events.

Organizer / Supports / Committee Members

2012 Student Formula Japan is

Organized by

Society of Automotive Engineers of Japan, Inc. (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 / 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 Daiichi TV / Shizuoka Telecasting,

In association with

National Institute of Advanced Industrial Science and Technology / National Traffic Safety and Environment Laboratory / Japan Automobile Research Institute / Association of Private Universities of Japan / The Japan Association of Private Colleges and Universities / The Japan Association of Public Universities / Institute of National College of Technology, Japan / The Japan Federation of Engineering Societies / The Japan Rubber Manufacturers Association / The Society of Instrument and Control Engineers / Japan Lubricating Oil Society / The Japan Society of Mechanical Engineers / Japanese Society for Engineering Education / Japan Machine Tool Builders' Association / The Society of Rubber Industry, Japan / The Society of Materials Science, Japan / Japan Automobile Tyre Manufacturers Association / Japan Society for Design Engineering / Japan Land Engine Manufacturers Association / The Japan Welding Society / Japan Auto-Body Industries Association / Japan Automobile Service Promotion Association / Japan Automotive Machinery & Tool Manufacturers' Association / Japan Auto Parts Industries Association / Japan Automobile Federation / Japan Automobile Dealers Association

■ Board of Student Formula Japan

Chairman	Takao Asami	Nissan Motor Co., Ltd.
Vice Chairmen	Takao Kubozuka Hiroyoshi Yoshiki	Society of Automotive Engineers of Japan, Inc. Toyota Motor Corporation
Members	Ichizou Aoyama Naofumi Fujie Hirohide Furutani Shigeru Hashimoto Yasuhiro Honda Yasuhiro Honda Shinsuke Hori Satoshi Iwata Takaaki Kimura Satoshi Maeda Yoshio Shimo Osamu Shimoyama Takahisa Sori Tomiji Sugimoto Takehide Takahashi Jun Takemura Suguru Yamauchi	Suzuki Motor Corporation Aisin Seiki Co., Ltd. National Institute of Advanced Industrial Science and Technology Japan Auto-Body Industries Association Inc. Hitachi Automotive Systems, Ltd. Kokushikan University Daihatsu Motor Co., Ltd. DENSO Corporation Yamaha Motor Co., Ltd. Fuji Heavy Industries Ltd. Hino Motors, Ltd. Nissan Motor Co., Ltd. Mazda Motor Corporation Honda Motor Co., Ltd. Japan Auto Parts Industries Association Mitsubishi Motors Corporation Kawasaki Heavy Industries, Ltd.

■ Student Formula Japan Rules Committee

Chairman	Hirokazu Ito	Tokyo Metropolitan University
Members	Atsushi Honda Yasuhiro Honda Mikio Kato Yasushi Matsumoto Hiroshi Miyake Kouichi Yamagishi	Kawasaki Heavy Industries, Ltd. Kokushikan University — Toyota Motor Corporation UD Trucks Corporation Toyota Motor Corporation
Observer	Osamu Shimoyama	Nissan Motor Co., Ltd.

■ Student Formula Japan Awards & Sponsorships Committee

Chairman	Kouichi Yamagishi	Toyota Motor Corporation
Vice Chairman	Kaichi Hiramoto	Honda R&D Co., Ltd.
Members	Masahiko Katayama Masatomo Kobayashi Osamu Shimoyama	DENSO Corporation Honda R&D Co., Ltd. Nissan Motor Co., Ltd.

■ Student Formula Japan Implementation Committee

Chairman	Osamu Shimoyama	Nissan Motor Co., Ltd.
Vice Chairmen	Hideto Arigaya Atsushi Honda Yasuhiro Honda Masatomo Kobayashi Yasushi Matsumoto	Oiles Corporation Kawasaki Heavy Industries, Ltd. Kokushikan University Honda R&D CO., Ltd. Toyota Motor Corporation
Members	Hiroshi Enomoto Hirokazu Ito Yoshio Kano Masahiko Katayama Yoshihiro Kawabe Kohei Kusaka Yoshihiro Masuda Ryuzaburo Nagata Hisayuki Nozawa Hideki Oka Tadashi Tamasho Takashi Tsuchiya Masakuni Tsuge	Kanazawa University Tokyo Metropolitan University Kanagawa Institute of Technology DENSO Corporation Nissan Techno Co., Ltd. The University of Tokyo SOMOS Co., Ltd. Aisin Seiki Co., Ltd. Yamaha Motor Co., Ltd. Suzuki Motor Corporation Nissan Motor Co., Ltd. Shizuoka Institute of Science and Technology Honda Motor Co., Ltd.
Observers	Masayuki Baba Takuya Higashiura Kaichi Hiramoto Hirohiko Kuroda Kazuyuki Matsutani Makoto Zenno	Honda R&D Co., Ltd. Toyota Motor Corporation Honda R&D Co., Ltd. Fuji Heavy Industries Ltd. Mazda Motor Corporation Daihatsu Motor Co., Ltd.

Competition Staff Members

■ Student Formula Japan Competition Staff Members

Aichi Machine Industry Co., Ltd.

Aisin Seiki Co., Ltd.

Autech Japan, Inc.

Bridgestone Corporation

Bridgestone Plant Engineering Co., Ltd.

Calsonic Kansei Corporation

Daihatsu Motor Co., Ltd.

Dandelion Ltd.

DENSO Corporation

Dome Co., Ltd.

Fuji Heavy Industries Ltd.

Fuji Techno Service Co., Ltd.

Hino Motors, Ltd.

Hitachi Automotive Systems, Ltd.

Honda Motor Co., Ltd.

Honda R&D Co., Ltd.

HORIBA, Ltd.

Isuzu Motors Limited

JATCO Ltd.

Kawasaki Heavy Industries, Ltd.

Komatsu Ltd.

Mazda Motor Corporation

Meister Club, Honda

Mitsubishi FUSO Truck and Bus Corporation

Mitsubishi Motors Corporation

NHK Spring Co., Ltd.

Nissan Motor Co., Ltd.

Nissan Shatai Co., Ltd.

Nissan Techno Co., Ltd.

Nissin Kogyo Co., Ltd.

NSK Warner K.K

Oiles Corporation

ONO Sokki Co., Ltd.

Press Kogyo Co., Ltd.

Sato Press Kogyo Co., Ltd.

SHOWA Corporation

SOMOS Co., Ltd.

Sumitomo Rubber Industries, Ltd.

Suzuki Motor Corporation

The Yokohama Rubber Co., Ltd.

Tokyo R&D Co., Ltd.

Toyo Tire & Rubber Co., Ltd.

Toyota Auto Body Co., Ltd.

Toyota Industries Corporation

Toyota Motor Corporation

Toyota Technical Development Corporation

TSC

UD Trucks Corporation

Yamaha Motor Co., Ltd.

Yorozu Corporation

Aichi Institute of Technology

Fukui University of Technology

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

Vehicle Specifications

Car No.	School Name	Color(s)	Frame	Body-work	Suspension ① Front ② Rear	① Overall Length	② Overall Height	③ Gross Vehicle Mass	Wheels & Tires
						③ Wheelbase	④ Front Track	⑤ Rear Track	
1	Sophia University	spark red	carbon fiber mono-coque	CFRP	①② Double unequal length A-arm Pull rod with Stabilizer	① 3084 mm ③ 1560 mm ⑤ 1150 mm	② 1170 mm ④ 1150 mm	① 220 kg ② 49:51 ③ 25 mm	7 inch wide 1 pc Mag Rim 20.0x7-13 GOODYEAR EAGLE
2	Yokohama National University	black & red	steel spaceframe	CFRP	① Double unequal length rocking A-arm ② Double unequal length rocking A-arm	① 2600 mm ③ 1525 mm ⑤ 1270 mm	② 1040 mm ④ 1270 mm	① 196 kg ② 48:52 ③ 38 mm	Front 7.0 inch wide, 3pc Al, 25.4mm pos. offset Rear 8.0 inch wide, 3pc Al, 25.4mm neg. offset Front 18.0/6.0-10R25B Hoosier Rear 18.0/7.5-10R25B Hoosier
3	Osaka University	black / lime green	steel spaceframe with CFRP - Al. honey-combe sandwich panel	GFRP	①② Double unequal length Aarm Push rod with Stabilizer	① 2590 mm ③ 1530 mm ⑤ 1175 mm	② 1100 mm ④ 1225 mm	① 225 kg ② 48:52 ③ 30 mm	13x7 OZ-Racing, 20.5x7.0-13 (Fr.) 20.0x7.5-13 (Rr.) Hoosier R25B
4	Utsunomiya University	green	steel spaceframe	CFRP	①② Double unequal length A-arm Push rod with stabilizer	① 2780 mm ③ 1560 mm ⑤ 1150 mm	② 1150 mm ④ 1150 mm	① 220 kg ② 47:53 ③ 34 mm	13inch ENKEI 178/520-13 Hoosier Bias
5	Nagoya University	pearl white	steel spaceframe	Fiber - Carbon	① Double wishbone unequal length A-arm Push rod ② Double wishbone unequal length A-arm Push rod	① 2557 mm ③ 1550 mm ⑤ 1200 mm	② 1145 mm ④ 1200 mm	① 220 kg ② 49:51 ③ 30mm	13inch O.Z Racing 205/510 R13 Continental
6	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 2700mm ③ 1580mm ⑤ 1200mm	② 1055mm ④ 1200mm	① 210 kg ② 47:53 ③ 30mm	13inch TWS Al Wheel 20.5 x 7.0 Hoosier R25B
7	Chiba University		steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2800 mm ③ 1600 mm ⑤ 1200 mm	② 1196.3mm ④ 1200 mm	① 330 kg ② 47.5:52.5 ③ 42.7 mm	13inch RAYS TE37 20.5x7.0-13 R25A Hoosier
8	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 2705 mm ③ 1600 mm ⑤ 1200 mm	② 1179 mm ④ 1200 mm	① 225 kg ② 50:50 ③ 50 mm	13inch RS Watanabe 20.5/7.0-13 R25B Hoosier
9	Tokyo City University	blue	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2600 mm ③ 1560 mm ⑤ 1200 mm	② 1013 mm ④ 1200 mm	① 220 kg ② 50:50 ③ 35 mm	13inch Watanabe Mag EIGHT SPOKE 20.5 x 7.0-13 Hoosier
10	Tokai University	blue	steel spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2760 mm ③ 1700 mm ⑤ 1300 mm	② 1230 mm ④ 1300 mm	① 215 kg ② 43:57 ③ 50mm	13inch TWS Mg Wheel 20.0 x 7.0-13 GOODYEAR Bias
11	Kyoto Institute of Technology	bule	steel spaceframe	Fiber carbon and glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2500 mm ③ 1550 mm ⑤ 1150 mm	② 1123 mm ④ 1150 mm	① 165 kg ② 48:52 ③ 35 mm	10inch Hoosier 18.0 x 6.0-10 R25B
12	Shibaura Institute of Technology	yellow & black	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2764mm ③ 1600mm ⑤ 1200mm	② 1044mm ④ 1200mm	① 234 kg ② 48:52 ③ 30 mm	13inch RAYS TE37 20.5 x 6.0-13 Hoosier
13	Nippon Institute of Technology	black	steel space frame	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2510mm ③ 1550mm ⑤ 1250mm	② 1010mm ④ 1250mm	① 180 kg ② 50:50 ③ 35mm	10inch RS Watanabe 19.5 x 6.5-10 HOOSIER
14	College of Science and Technology, Nihon University.	tricolour	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2770mm ③ 1600mm ⑤ 1140mm	② 1164mm ④ 1160mm	① 230 kg ② 47:53 ③ 35 mm	13inch watanabe 8spoke Mg 20.5 x 7.0 R25B
15	Keio University	black	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2570 mm ③ 1530 mm ⑤ 1200 mm	② 997 mm ④ 1250 mm	① 170 kg ② 48:52 ③ 35 mm	13inch RAYS VOLK Racing Wheel TE37 205-510-13 Continental Radial Slick
16	Doshisha University	purple & white	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2740 mm ③ 1590 mm ⑤ 1200 mm	② 1174 mm ④ 1200 mm	① 245 kg ② 50:50 ③ 36 mm	13inch RS Watanabe 180/510-13 20.5*7.0-13 Hoosier
17	Siam University	pink	steel spaceframe	Fiber-glass	① Double unequal length A-Arm. Push rod actuated spring ② Double unequal length A-Arm. Push rod actuated spring	① 2545 mm ③ 1545 mm ⑤ 1080 mm	② 1270 mm ④ 1100 mm	① 250 kg ② 50:50 ③ 100 mm	13inch Hoosier 120.5x7.0 Lenso A539 13x7.5
18	Niigata University	spirited green metallic	steel spaceframe	GFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2641 mm ③ 1570 mm ⑤ 1270 mm	② 1063 mm ④ 1270 mm	① 224 kg ② 44:56 ③ 50 mm	13inch RS Watanabe Magnesium 190/505_13 DUNLOP
19	Kyoto University	white/ blue	aluminum spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2580 mm ③ 1550 mm ⑤ 1230 mm	② 1063 mm ④ 1230 mm	① 160 kg ② 47:53 ③ 25 mm	10inch Douglas ATV Wheel 18.0/6.0-10 Hoosier Bias
20	Kinki University	black	steel spaceframe	GFRP	① Double wishbone unequal length A-arm Pullrod ② Double wishbone unequal length A-arm Pushrod	① 2600mm ③ 1550mm ⑤ 1200mm	② 1135mm ④ 1200mm	① 235 kg ② 47:53 ③ 20mm	13inch RAYS 20.5x7.0-13 Hoosier R25B
21	Nihon Automobile College	green	steel spaceframe	GFRP	① Double unequal length A-Arm Push rod ② Double unequal length A-Arm Push rod	① 2915 mm ③ 1725 mm ⑤ 1200 mm	② 1175 mm ④ 1200 mm	① 280 kg ② 47:53 ③ 50 mm	13inch 20.5 x 7.0-13 Hoosier

① Engine ② Displacement ③ max. Power ④ max.Torque	Induction Type Fuel Tank Volume	Shifter	Final Drive & Differential	Brakes ① Front ② Rear	Unique Features & Notes
① 2008 YAMAHA YZF-R6 2CO ② 599cc ③ 102.3ps/9500rpm ④ 75.3Nm/6500rpm	Super Charged 5.0L	Paddle Shift	FCCTRAC Limited Slip Differential	① 2 outboard ② 2 outboard Willwood Dynapro Single Billet Calipe	Monocoque body with keel, Anti Ackermann geometry, Torsion spring, Undertray, Front wing, Rear wing, Dry sump, Knocking control, Traction & launch control, Equal torsional rigidity drive shaft
① PC37E HONDA CBR600RR ② 599cc ③ 63kw (85PS) /10500rpm ④ 6.2kgf/9500rpm	Naturally aspirated 3.5L	Electric shifter	Shaft & Bevel Gear Drive: 3.09 (34/11) Cam type Limited Slip Differential	① 2 outboard ② 2 outboard Nissin calipers	Unique design finaldrive unit, Unique design coil damper unit
① ZX600P7F Kawasaki ZX-6R ② 599cc ③ 91ps/12500rpm ④ 6.9kgf/7200rpm	Naturally aspirated 5.2L	Pneumatic Shifter	Chain Drive 3.5:1 F.C.C.TRAC	① 2 outboard ② 2 outboard Nissin calipers	Variable Intake Volume System, Hydraulic Clutch, Pneumatic Shifter, Frame Structure, Oilpan Design, CFRP Suspension Arm
① PC40E HONDA CBR600RR ② 599cc ③ 93ps/12000rpm ④ 6.8kgf/8000rpm	Naturally aspirated 5.0L	Electric Shifter & Manual	Chain Drive 3.5:1 F.C.C.TRAC	① 2 outboard ② 2 outboard Nissin calipers	BrakeBalance, Adjuster, DrySump, Diffuser
① PC40E HONDA CBR600RR ② 599cc ③ 100ps/13000rpm ④ 6.9kgf/8500rpm	Naturally aspirated 4.6L	Sequential Manual	Chain Drive Mechanical LSD	① 2 outboard ② 2 outboard Nissin	Front Wing, Rear Wing, Undertray, Intake System with Unsteady CFD, barrel throttle
① GSR600 ② 600cc ③ 78ps/11000rpm ④ 6.1kgf/7500rpm	Naturally aspirated 3.3L	Electric Shifter	Chain Drive & F.C.C TRAC	① 2 outboard Willwood calipers ② 2 outboard Nissin calipers	Carbon Steering Wheel, embrella® IA, Special AI Wheels
① YAMAHA YZF R-6 4 cylinder ② 599cc ③ 97ps/9000rpm ④ 60Nm/7500rpm	Turbocharged	Electric Shifter	Chain Drive FCC TRAC	① 2 outboard ② 2 outboard Nissin calipers	Turbocharger, Under tray, Traction Control System
① Kawasaki ZX600PE ② 599cc ③ 72ps/12000rpm ④ 4.3kgf/11500rpm	Naturally aspirated 5.5L	Electric Shifter with paddle clutch	Chain Drive & FCC TRAC	① 2 outboard ② 2 outboard AJP calipers	Electric Shifter, Shallow Oil Pan
① PC40EHONDA CBR600RR ② 599cc ③ 75ps/11500rpm ④ 5.4kgf/7000rpm	Naturally aspirated 4.3L	Manually actuated paddle/Push and Pull Cable	Chain Drive	① 2 outboard ② 2 outboard Nissin calipers	LSD
① SUZUKI SFV650 B.D ② 605.9cc ③ 78.3ps/9500rpm ④ 6.82kgf/7500rpm	Naturally aspirated 3.5L	Manual	Chain Drive F.C.C TRAC	① 2 outboard ② 1 inboard Nissin calipers	Special Mg Wheels, V-twin Engine, twin Exhaust manifold, 2 pedals, shifter with clutch function, Center Lock
① SUZUKI LT-R450 K6 L404 ② 450cc ③ 40ps/9000rpm ④ 36Nm (3.7kgf) /7000rpm	Naturally aspirated 3.5L	Manual	Differential	① 2 inboard ② 1 outboard Nissin calipers	fastest in technical corner
① PC37E HONDA CBR600RR ② 599cc ③ 72ps/11000rpm ④ 5.8kgf/5900rpm	Naturally aspirated 7.0L	Manual	Chain Drive Mechanical LSD	① 2 outboard Wilwood calipers ② 2 outboard Nissin calipers	Hand clutch, Under panel, Rear wing, Adjustable anti roll bar
① 8GR YAMAHA Venture Multi-purpose ② 500cc ③ 80ps/11250rpm ④ 5.2kgf/9000rpm	Naturally aspirated 4.0L	CVT, Automatic	Chain Drive & F.C.C.TRAC	① 2 outboard ② 2 outboard Nissin calipers	CVT
① 2008 YAMAHA YZF-R6 ② 599cc ③ 80ps/10000rpm ④ 5.5kgf/9000rpm	Naturally aspirated 4.5L	Electric Actuate Shifter	Chain Drive LSD	① 2 outboard ② 1 inboard Brembo calipers	Electric Shifter
① SUZUKI LT-R450 ② 450cc ③ 50ps/8000rpm	Naturally aspirated 4.1L	Manual Paddle shift	Chain Drive Spool	① 2 outboard ② 2 outboard Nissin calipers	Light Weight Vehicle, Spool Diff, Paddle shift, Barrel Throttle
① Kawasaki Ninja ZX-6R ② 599 cc ③ 56ps/10000rpm ④ 4.0kgf/10000rpm	Naturally aspirated 6.5L	Manual	Chain LSD	① 2 outboard ② 2 outboard Nissin calipers	Rear V Keel
① HONDA CBR600RR ② 600cc ③ 70 hp/11,000rpm ④ 43.5 lbs.-ft. @ 10,500 rpm	Naturally aspirated 5.2L	Manual	ShaftTorsen	① 2 outboard ② 1 inboard Nissin calipers	
① SUZUKI GSX-R600 (K8) ② 599cc ③ 72ps/10,000rpm ④ 5.1kgf/8000rpm	Naturally aspirated 5.0L	Manual Paddle Shifter	Chain Drive & F.C.C TRAC	① 2 outboard ② 2 outboard Nissin calipers	
① YAMAHA WR450F J326E ② 478cc ③ 48ps/8500rpm ④ 4.4kgf/7500rpm	Naturally aspirated 3.0L	Manual	Shaft Drive & F.C.C TRAC	① 2 outboard ② 2 outboard Willwood Calipers	
① Kawasaki ZX600PE ② 599cc ③ 97ps/10000rpm ④ 7.2kg-m/8000rpm	Mechanical Super Charged 5.5L	Manual Sequential	Chain Drive F.C.C TRAC LSD	① 2 outboard ② 2 outboard Nissin calipers	Dry Sump, Mechanical Super Charged
① PC40E HONDA CBR600 RR ② 599 cc ③ 74 ps/11400 rpm ④ 4.8 kgf/7000 rpm	Naturally aspirated 5.0L	Manual	F.C.C Trac	① 2 outboard ② 2 outboard Wilwood calipers	Long Wheelbase, and Safety

Vehicle Specifications

Car No.	School Name	Color(s)	Frame	Body-work	Suspension ① Front ② Rear	① Overall Length	② Overall Height	③ Gross Vehicle Mass	Wheels & Tires
						③ Wheelbase	④ Front Track	⑤ Rear Track	
22	Shizuoka University	orange	carbon fiber mono-coque	CFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Pull rod	① 2881mm ③ 1600mm ⑤ 1180mm	② 1040mm ④ 1210mm	① 230 kg ② 48:52 ③ 35mm	13inch OZ 20.5 x 7.0-13 Hoosier R25B
23	University of Fukui	orange/black	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2719mm ③ 1533mm ⑤ 1160mm	② 1465mm ④ 1160mm	① 240 kg ② 50:50 ③ 62mm	13inch RAYS 180/515-13 YOKOHAMA Bias
24	Nagoya Institute of Technology	blue	steel spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2600 mm ③ 1600 mm ⑤ 1100 mm	② 1100 mm ④ 1100 mm	① 150 kg ② 47:53 ③ 30 mm	10inch KEIZER WHEEL Fr. 18.0 x 6.0-10 Rr. 18.0 x 6.0-10 R25B Hoosier
25	Tongji University	red and white	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 3052 mm ③ 1583 mm ⑤ 1149 mm	② 1177 mm ④ 1246 mm	① 240 kg ② 50:50 ③ 33 mm	13inch Continental 205/510
26	Tokyo University of Science	black and pink	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2700 mm ③ 1630 mm ⑤ 1200 mm	② 1149 mm ④ 1200 mm	① 220 kg ② 50:50 ③ 30 mm	13inch RS Watanabe 180-510-13 BRIDGESTONE Bias
27	Kurume Institute of Technology	black/white	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2570mm ③ 1540mm ⑤ 1180mm	② 1145mm ④ 1200mm	① 198 kg ② 48:52 ③ 45mm	13inch RAYS TE37 BRIDGESTONE Bias180/510-13
28	Kobe University	blue metallic	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 3073mm ③ 1590mm ⑤ 1200mm	② 1250mm ④ 1200mm	① ② 48.5:51.5 ③ 30 mm	13inchi BRAID Formrace 2pc 20.5/7.0-13 R25B hoosier
29	Kogakuin University	blue	steel spaceframe	Fiber-carbon	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 3068 mm ③ 1600 mm ⑤ 1180 mm	② 1230 mm ④ 1250 mm	① 220 kg ② 40:60 ③ 50 mm	13inch RAYS 20.5/7.0-13 Hoosier Bias
30	Hiroshima Institute of Technology	signal red	steel space pipe frame	Aluminum Alloy Plate	① Double unequal length A-arm Pull rod with torsionbar ② Double unequal length A-arm Pull rod with torsionbar	① 2250mm ③ 1530mm ⑤ 1050mm	② 1130mm ④ 1100mm	① 180 kg ② 51:49 ③ 26mm	13inch aluminium wheel onepiece 180/510-13 BRIDGESTONE Bias
31	University of Yamanashi	lucky point	steel spaceframe	GFRP CFRP	① Double equal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2900mm ③ 1580mm ⑤ 1220mm	② 1100mm ④ 1220mm	① 240 kg ② 45:55 ③ 50mm	13inch RAYS TE37 180/510-13 BRIDGESTONE Bias
33	Osaka Sangyo University	red black	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 1930 mm ③ 1590 mm ⑤ 1200 mm	② 1148 mm ④ 1200 mm	① 246 kg ② 45:55 ③ 35 mm	13inch RAYS VOLK TE-37 20.5/7.0-13 Hoosier Bias
34	Osaka Institute of Technology	yellow & black	steel spaceframe	Fiber-glass	① Double unequal length A-Arm. Pull rod actuated horizontally oriented spring and damper ② Double unequal length A-Arm. Pull rod actuated horizontally oriented spring and damper	① 3200mm ③ 1700mm ⑤ 1200mm	② 1300mm ④ 1200mm	① 300 kg ② 50:50 ③ 32mm	RAYS WHEELS 13inch 20.0x7.0-13 D2704 Goodyear
35	Kanazawa Institute of Technology	red	steel spaceframe	GFRP	① Aluminum alloy Double unequal length A-arm Pull rod ② Aluminum alloy Double unequal length A-arm Pull rod	① 2730mm ③ 1550mm ⑤ 1200mm	② 1000mm ④ 1200mm	① 220 kg ② 48:52 ③ 45mm	13 inch Magnesium alloy wheel 6.0 offset ± 0 180/510-13 Hoosier
36	Hokkaido University	lime green/black	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod with Stabilizer ② Double unequal length A-arm Pull rod with Stabilizer	① 2540 mm ③ 1600 mm ⑤ 1250 mm	② 1040 mm ④ 1300 mm	① 235 kg ② 50:50 ③ 25 mm	10inch RS Watanabe 18.0/6.0-1.0 Hoosier Bias
37	Okayama University	black and green	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2700mm ③ 1600mm ⑤ 1160mm	② 1090mm ④ 1200mm	① 250 kg ② 50:50 ③ 30mm	13inch RAYS 20.5 x 7.0-13 Hoosier Bias
38	Meijo University	blue	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2500 mm ③ 1550 mm ⑤ 1120 mm	② 1050 mm ④ 1140 mm	① 190 kg ② 49:51 ③ 50 mm	13inch RS Watanabe Mag 8 spokes 20.5 x 7.0-13 Hoosier
39	Osaka City University	orange	steel spaceframe	GFRP	① Double unequal length A-arm Push rod ② Multi link Push rod	① 2500 mm ③ 1600 mm ⑤ 1250 mm	② 1090 mm ④ 1300 mm	① 250 kg ② 46:54 ③ 40 mm	13inch Hayashi Street 180/510-13 BRIDGESTONE
40	Toyohashi University of Technology	black / white	carbon fibre one piece mono-coque	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2792 mm ③ 1550 mm ⑤ 1100 mm	② 1131 mm ④ 1200 mm	① 190 kg ② 50:50 ③ 35 mm	13inch RAYS TE37 180/510-13 Bridgestone Bias
41	Institute of Technologists	navy blue	steel spaceframe	Carbon FRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2685 mm ③ 1630 mm ⑤ 1200 mm	② 1128 mm ④ 1220 mm	① 238 kg ② 48:52 ③ 50 mm	13inch RAYS TE37 20.5/6.0-13 Hoosier Bias
42	Shizuoka Institute of Science and Technology	leyton blue	steel spaceframe	CFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Pull rod	① 2236 mm ③ 1600 mm ⑤ 1150 mm	② 1074 mm ④ 1150 mm	① 190 kg ② 45:55 ③ 36 mm	13inch RAYS TE 37 20.5/6.0-13 Hoosier
43	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 ③ 1525 mm ⑤ 1200 mm	② 1027 mm ④ 1200 mm	① 180 kg ② 49:51 ③ 30 mm	13inch RAYS TE37 180/510-13 Bridgestone Bias

① Engine ② Displacement ③ max. Power ④ max.Torque	Induction Type Fuel Tank Volume	Shifter	Final Drive & Differential	Brakes ① Front ② Rear	Unique Features & Notes
① SUZUKI GSXR ② 599cc ③ 79ps/9750rpm ④ 6.5kgf/8500rpm	Naturally aspirated 3.8L	Electro- pneumatic Shifter	Shaft & F.C.C TRAC	① 2 outboard ② 2 outboard AP calipers	Side-Engine layout, carbon fiber monocoque, Original Differential Gear & Carrier
① SUZUKI GSR-600 K6 ② 599cc ③ 60.8kW/11,000rpm ④ 58.2Nm/7,300rpm	Naturally aspirated 6.5L	Manual	Chain Drive F.C.C.Trac	① 2 outboard ② 2 outboard Nissin calipers	
① YAMAHA WR450F J326E ② 450cc ③ 42.3PS/8000rpm ④ 4.10kgf/7100rpm	Naturally aspirated 3.0L	Manual	Chain Drive & F.C.C Trac	① 2 outboard Willwood calipers ② 1 inboard Nissin caliper	AERODYNAMICS DEBUT!!!
① SUZUKI GSX-R-600 ② 599cc ③ 13000r/s ④ 12500r/s	Naturally aspirated 3.5L	Manual	Torsen University FSAE Special	wilwood PS1 calipers	Multifunction steering wheel
① PC40E HONDA CBR600RR ② 599cc ③ 78ps/12000rpm ④ 5.3kgf/10000rpm	Naturally aspirated 6.3L	Manual	Chain Drive F.C.C Trac	① 2 outboard ② 2 outboard Nissin calipers	
① L404 SUZUKI LT-R450 ② 450cc ③ 48ps/7500rpm ④ 4.6kgf/7200rpm	Turbocharged 3.5L	Manual	Chain Drive Mechanical LSD	① 2 outboard ② 1 inboard Brembo calipers	Turbo Charger, Single Cylinder engine, Twin fuel Injection
① Kawasaki ② 599cc ③ 75ps/12000rpm ④ 6.0kgf/7000rpm	Naturally aspirated 4.8L	Manual	Chain F.C.C Trac	① 2 outboard ② 2 outboard Nissin calipers	Variable Intake System, Aerodynamics, Launch control, Telemetry system
① PC40E HONDA CBR600 ② 600cc ③ ④	Naturally aspirated 6.0L	Manual	Chain Drive & F.C.C Trac	① 2 outboard ② 2 outboard Brembo calipers	
① LX450AE00SS35 K L X 450 R ② 449cc ③ 25ps/7000rpm ④ 3.5kg · m /5000rpm	Naturally aspirated 3.7L	Manual	Chain Drive No diff	① 2 outboard disc brake Nissin calipers ② 1 inboard disc brake Nissin calipers	torsion bar, suspension, Aluminum cowl
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 1 inboard Tokico calipers	Exhaust, CFRP surge tank, Shortened oil pan
① Kawasaki ZX600PE ② 599 cc ③ 78ps/12000rpm ④ 5.5kgf/12000rpm	Naturally aspirated 5.5L	Electric Acuated Shift	FCCTRAC Limited Slip Differential	① 2 Outboard Disk ② 2 Outboard Disk Nissin calipers	Oil pan Design, Cawl
① 2008 SUZUKI / GSX-R600 4cylinder ② 599cc ③ 70ps/13000rpm ④ 7.0kgf/11500rpm	Naturally aspirated 5.5L	Manual	Chain LSD	① 2 outboard ② 2 outboard Nissin calipers	Paddle Shift, 3 Pedal
① N735 SUZUKI GSX-R600 K9 ② 600cc ③ 82ps/9600rpm ④ 6.8kgf/8200rpm	Naturally aspirated 6.0L	Electric Actuated Shifter/ Manual	Chain Drive, Cam & Pawl	① 2 outboard ② 2 outboard Nissin calipers	Aluminum alloy A-arm, Original wheel
① PC40E HONDA CBR600RR ② 599cc ③ 75ps/10000rpm ④ 6.0kgf/8000rpm	Naturally aspirated 6.5L	Manual	Chain Drive/ F.C.C. LSD	① 2 outboard ② 2 outboard Nissin calipers	Paddle shift, Mechanical brake balance, adjuster
① Kawasaki ZX600R9F ② 599cc ③ 82ps/10000rpm ④ 6.1kgf · m/8000rpm	Turbocharged 5.0L	Electric Shifter	Chain Drive Mechanical LSD	① 2 outboard ② 2 outboard Nissin calipers	Turbocharger, Electric shift
① YAMAHA WR450FW J326E ② 450cc ③ 41.19ps/8000rpm ④ 3.97kgf/7000rpm	Naturally aspirated 3.4L	Manual	Chain Drive LSD	① 2 outboard Brembo calipers ② 2 outboard Nissin calipers	Good Mileage, Adjustable brake balance
① Kawasaki ZX600R9F ② 599cc ③ 81ps/11400rpm ④ 5.9kgf/9300rpm	Naturally aspirated 6.0L	Manual	Chain Drive	① 2 outboard ② 2 outboard Nissin calipers	
① PC37EHONDA CBR600RR ② 599cc ③ 80.3ps / 13000rpm ④ 5.3kgf / 9000rpm	Naturally aspirated 6.0L	Manual	SURETRAC Limited Slip Differential	① 2 outboard ② 2 outboard Brembo calipers	One-piece carbon fibre monocoque, Carbon brake rotor
① PC40EHONDA CBR600RR ② 599cc ③ 69ps/11500rpm ④ 5.2kgf/7000rpm	Naturally aspirated 6.0L	Manual Electric Shifter	Chain Drive F.C.C Trac LSD	① 2 outboard ② 2 outboard Brembo calipers	2 unit frame Mono-Shock system
① SUZUKI LT-R450 ② 450cc ③ 40ps/7500rpm ④ 3.8kgf/6000rpm	Super Charged 5.0L	Manual	Chain LSD	① 2 outboard ② 1 inboard Brembo calipers	S/C Engine CFRP Body-work, MR Damper, Special Throttle, Pulley
① SUZUKI LT-R450 ② 450cc ③ 40.5ps/9000rpm ④ 50N · m/6500rpm	Naturally aspirated 3.3L	Electric Shifter	Chain Drive, Mechanical LSD	① 2 outboard ② 2 outboard AP calipers	Student Designed ECUs with CAN, Plastic Intake System, Ignition Angle Control by Cylinder Pressure

Vehicle Specifications

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			Wheels & Tires
						①	②	③	④	⑤	①	②	③	
44	Gifu University	black	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2700mm ② 1150mm ③ 1600mm ④ 1200mm ⑤ 1160mm	① 210 kg ② 45:55 ③ 50mm	13inch RAYS TE37 180/510-13 Hoosier Bias						
45	Hiroshima University	intelligent black & eccentric purple	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2630mm ② 1235mm ③ 1688mm ④ 1200mm ⑤ 1160mm	① 230 kg ② 50:50 ③ 40mm	13inch RS Watanabe 180/520-13 Hoosier						
46	Saitama Institute of Technology	sky blue	steel spaceframe	FRP	① Double wishbone suspension Pull rod ② Double wishbone suspension Pull rod	① 2900 mm ② 1100 mm ③ 1600 mm ④ 1200 mm ⑤ 1100 mm	① 230 kg ② 50:50 ③ 70 mm	13inch Watanabe Mg 20.5 x 7.0-13 R25B Hoosier Bias						
47	Honda Technical College Kansai	blue	steel spaceframe	PET	① Double unequal length A-arm Outboard ② Double unequal length A-arm Outboard	① 2200 mm ② 1160 mm ③ 1530 mm ④ 1210 mm ⑤ 1200 mm	① 180 kg ② 40:60 ③ 40 mm	10inch 1pc Aluminium WATANABE Hoosier 18.1 x 6inch						
48	Osaka Prefecture University	ultra marine blue	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2850mm ② 1110mm ③ 1575mm ④ 1160mm ⑤ 1160mm	① 235 kg ② 48:52 ③ 40mm	13inch Tanabe SPEEDSTAR MK-1 165/60-13 DUNLOP 02G175/60-13 DUNLOP 03G						
49	Honda Technical College Kanto	white	steel spaceframe	PET	① Double unequal length A-arm Direct push ② Double unequal length A-arm Direct push	① 2330 mm ② 1060 mm ③ 1540 mm ④ 1235 mm ⑤ 1195 mm	① 150 kg ② 40:60 ③ 50 mm	10inch Douglas & 18.0 x 6.0-10 Hoosier Bias						
50	Tottori University	black & red	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2700mm ② 1100mm ③ 1600mm ④ 1200mm ⑤ 1200mm	① 250 kg ② 45:55 ③ 70mm	13inch 180/515-13						
51	Meisei University	silver	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2350mm ② 1130mm ③ 1800mm ④ 1200mm ⑤ 1130mm	① 203 kg ② 45:55 ③ 68mm	13inch WATANABE BRIDGESTONE Stick tyre 180/510-R13						
52	Setsunan University	orange	steel spaceframe	Fiber-glass	① Double unequal length a-arm push rod ② Double unequal length a-arm push rod	① 2457.2mm ② 1261.75mm ③ 1718.70mm ④ 1033.59mm ⑤ 1071.57mm	① 290 kg ② 40:60 ③ 100.7mm	13inch RAYS 180/520-13 HOOSIER						
53	Aso College of Automotive Engineering and Technology	black & red	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2894mm ② 1292mm ③ 1800mm ④ 1200mm ⑤ 1200mm	① 300 kg ② 45:55 ③ 80 mm	13inch TE37FJ 180/510-13 BRIDGESTONE Bias						
54	Ritsumeikan University	black	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2580 mm ② 910 mm ③ 1560 mm ④ 1160 mm ⑤ 1160 mm	① 220 kg ② 47:53 ③ 25 mm	13 inch RAYS VOLK 20.5 x 7.0-13 Hoosier						
55	Seikei University	red & black	steel spaceframe	Fiber-Reinforced-Plastics	① Double unequal length non parallel A-arm pull rod ② Double unequal length non parallel A-arm pull rod	① 2660 mm ② 1210 mm ③ 1540 mm ④ 1275 mm ⑤ 1250 mm	① 230 kg ② 49:51 ③ 60 mm	13inch Watanabe Mg 20.5x7.0-13 R25B Hoosier						
56	Okayama University of Science	yellow green	steel spaceframe	Aluminium Alloy Plate	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2270 mm ② 1200 mm ③ 1600 mm ④ 1200 mm ⑤ 1200 mm	① 200 kg ② 40:60 ③ 50.3mm	14inch 165/55R14						
57	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 1043 mm ③ 1550 mm ④ 1200 mm ⑤ 1200 mm	① 220 kg ② 50:50 ③ 55 mm	10inch RS Watanabe Aluminum EIGHT SPOKE 165/70R-10 YOKOHAMA ADVAN A032R						
59	Toyota Technical College Nagoya	blue & white & red	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Pull rod	① 2500mm ② 1260mm ③ 1660mm ④ 1100mm ⑤ 1200mm	① 280 kg ② 40:60 ③ 70mm	13inch 20 x 7.0-13 GOOD YEAR EAGLE RS						
60	Kokushikan University	black	steel spaceframe	FRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2555.05 mm ② 1100 mm ③ 1700 mm ④ 1200 mm ⑤ 1200 mm	① 225 kg ② 48:52 ③ 50 mm	13inch Watanabe RS 180/510-13 Bias						
61	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY	white	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2700 mm ② 1100 mm ③ 1575 mm ④ 1220 mm ⑤ 1220 mm	① 300 kg ② 40:60 ③ 50 mm	20.5X13X6 INCH HOOSIER TYRES 130/430-10 DUNLOP Bias						
62	College of Industrial Technology, Nihon University	black	steel spaceframe	GFRP	① Double unequal length A-Arm Pull rod ② Double unequal length A-Arm Pull rod	① 2670 mm ② 1175 mm ③ 1550 mm ④ 1150 mm ⑤ 1150 mm	① 210 kg ② 45:55 ③ 50 mm	13inch RAYS VOLK 175/60-13 DUNLOP DIREZZA03G						
64	Thai-Nichi Institute of Technology	black - yellow	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2735 mm ② 1250 mm ③ 1600 mm ④ 1212 mm ⑤ 1198 mm	① 270 kg ② 40:60 ③ 90 mm	13inch YOKOHAMA Stick 180/50-13						
65	Sojo University	mat black	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2830 mm ② 1254 mm ③ 1600 mm ④ 1200 mm ⑤ 1200 mm	① 255 kg ② 40:60 ③ 60 mm	13inch RAYS 20.5/6.0-13 Hoosier Bias						
66	Harbin Institute of Technology at Weihai	ocean blue & carbon black	semi-monocoque; front carbon monocoque&rear steel spaceframe	Carbon Fiber Reinforced Polymer	① Double unequal length A-arm, Pull rod ② Double unequal length A-arm Pull rod	① 3106 mm ② 1257mm ③ 1600 mm ④ 1200 mm ⑤ 1175 mm	① 220 kg ② 45:55 ③ 32 mm	Wanfeng 13inch 1pc Aluminium Wheel, 7inch wide, 35.5mm offset Hoosier 20.5*7.0-13 R25B						

① Engine ② Displacement ③ max. Power ④ max.Torque	Induction Type Fuel Tank Volume	Shifter	Final Drive & Differential	Brakes ① Front ② Rear	Unique Features & Notes
① SUZUKI GSR600K6 ② 599cc ③ 90ps/11000rpm ④ 6.0kgf/10000rpm	Naturally aspirated 5.0L	3-Speed Sequential Paddle Shift	Chain Drive F.C.C TRAC	① 2 outboard ② 2 outboard AP calipers	Electrical Shift, Electrical Water Pump, Double Reduction Gear, Carbon Suspension arm, Hollow Drive Shaft
① Kawasaki / Ninja ZX-6R ② 599cc ③ 71ps/10000rpm ④ 5.1kgf/8000rpm	Naturally aspirated 5.0L	Manual	Chain Drive F.C.C. LSD	① 2 outboard ② 2 outboard Nissin calipers	
① PC40E HONDA CBR600RR ② 599cc ③ 69ps/11500rpm ④ 5.2kgf/8500rpm	Naturally aspirated 6.0L	Manual	Chain Drive LSD	① 2 outboard ② 2 outboard Nissin calipers	
① PE06E HONDA CRF450X ② 449cc ③ 30ps/7500rpm ④ 3.1kgf/7000rpm	Naturally aspirated 3.6L	Manual	Chain Drive F.C.C TRAC	① 2 outboard ② 1 inboard Nissin calipers	Side Engine Layout
① Kawasaki ZX600P ② 599cc ③ N/A ④ N/A	Naturally aspirated 7.0L	Manual	Chain Drive F.C.C.TRAC	① 2 outboard ② 2 inboard Nissin calipers	Original silencer, three pedal
① PE06E HONDA CRF450X ② 450 cc ③ 54.4ps/7500 rpm ④ 4.9 kgf/5680 rpm	Naturally aspirated 4.0L	Manual	Belt Drive F.C.C LSD	① 2 outboard ② 2 outboard APJ calipers	
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	
① PE06E HONDA CRF450X ② 449cc ③ 48ps/7500rpm ④ 4.8kgf/7000rpm	Naturally aspirated 7.0L	Manual	Chain Drive FCC TRAC	① 2 outboard ② 1 inboard Brembo calipers	Square Pipe, Frame, Real fomula layout, Engine Free, Chassis
① SUZUKI GSX-R600 K9 ② 600cc ③ 126ps/13500rpm ④ 7.09kg-m/11500rpm	Naturally aspirated 6.96L	Manual	Chain drive FC Design Differential gear	① 2 pod ② 2 pod Brembo calipers	
① SUZUKI LT-R450 ② 450cc ③ 40ps/7000rpm ④ 4.4kgf/6500rpm	Naturally aspirated 7.0L	Manual	Chain Drive	① 2 outboard ② 2 outboard	
① ZX600P Kawasaki ZX-6R ② 599cc ③ 76ps/13000rpm ④ 5.4kgf/7000rpm	Naturally aspirated 7.0L	Manual	Chain LSD	① 2 outboard ② 2 outboard	
① PC40E HONDA CBR600RR ② 599cc ③ 61.2ps/8000rpm ④ 5.8kgf/7000rpm	Naturally aspirated 4.9L	Electric Shifter	Chain Drive & Mechanical LSD	① outboard Nissin calipers ② outboard Nissin calipers	
① KLX450R ② 449cc ③ 25ps/7000rpm ④ 3.5kgf/5000rpm	Naturally aspirated 3.5L	Manual	ShaftTorsen	① 2 outboard ② 1 inboard Nissin calipers	
① YAMAHA WR450F J326E ② 449cc ③ 60ps/9000rpm ④ 5.4kgf/6500rpm	Naturally aspirated 5.0L	Manual	Shaft Drive & FCC- TRAC 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
① 13ST YAMAHA YZF-R6 ② 600cc ③ 48.7ps/8000rpm ④ 4.9kgf/5500rpm	Naturally aspirated 6.0L	Manual	Chain Drive	① 2 outboard ② 2 outboard	Torsion Bar Spring Suspension
① PC37E HONDACBR600RR ② 600cc ③ 84.52ps/7500rpm ④ 8.2kgf/6000rpm	Turbo charged 5.0L	Electric Shifter	Chain Torsen	① 2 outboard ② 2 outboard Tokico calipers	Dual injection System. Turbo charged
① PC35EHONDA CBR600F4i ② 600cc ③ 75ps/11500rpm ④ 5.4kgf/7000rpm	Naturally aspirated 7.5L	Manual	CHAIN DRIVEN LIMITED SLIP	① 2 outboard ② 2 outboard	Variable Intake System
① PE06E HONDA CRF450X ② 450cc ③ 50ps/9000rpm ④ 4.2kgf/5500rpm	Naturally aspirated 4.8L	Manual	ShaftTorsen	① 2 outboard ② 2 outboard Nissin calipers	
① HONDA CBR600rr 2008 ② 600cc ③ 64ps/9500rpm ④ 4.5kgf/8500rpm	Naturally aspirated 5.0L	Manual + Electric	Clutch Type	① 1 inboard Tokico calipers ② 1 inboard Tokico calipers	Electrical Gear
① PC40E HONDACBR600RR ② 599cc ③ 69ps/11500rpm ④ 5.2kgf/8500rpm	Naturally aspirated 8.3L	Manual	Chain Drive F.C.C TRAC	① 2 outboard Brembo calipers ② 2 outboard Brembo calipers	
① Yamaha R6 ② 599cc ③ 83ps/10500rpm ④ 60Nm/8500rpm	Naturally aspirated 5.0L	Electrical & Pneumatic	520 Chain, Final 3.92, CUSCO LSD with student design aluminium house	① ISR 22-048 4 pistons radial caliper ② ISR 22-049 2 pistons radial caliper	Semi-monocoque & Efficiency aero dynamics

Vehicle Specifications

Car No.	School Name	Color(s)	Frame	Body-work	Suspension ① Front ② Rear	① Overall Length	② Overall Height	③ Gross Vehicle Mass	Wheels & Tires
						③ Wheelbase	④ Front Track	⑤ Rear Track	
67	Universitas Gadjah Mada	black-red	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2500 mm ③ 1550 mm ⑤ 1210 mm	② 1200 mm ④ 1210 mm	① 280 kg ② 46:54 ③ 35 mm	15 inch volksrays 195/50 R 15 82 V & Achilles 123 (wet) 19/57 R 15 Achilles R1 (dry)
68	Tokyo Denki University	original blue	steel tubular spaceframe	CFRP	① Double A-arms, Pull rod actuated Original spring/damper unit ② Double A-arms, Push rod actuated Original spring/damper unit	① 2472 mm ③ 1530 mm ⑤ 1120 mm	② 1074 mm ④ 1180 mm	① 164 kg ② 48:52 ③ 35 mm	10inch KAISER Rim with Original Dish 6.0/18.0-10 Hoosier
69	Tokyo Metropolitan University	gold pink black	steel spaceframe	Carbon fiber	① Leaf-spring ② Swing-arm	① 1800mm ③ 1530mm ⑤ 1000mm	② 1200mm ④ 1400mm	① 160 kg ② 45:55 ③ 50 mm	10inch RS-Watanabe Hoosier formula SAE
70	Guru Gobind Singh Indraprastha University	azure blue	steel spaceframe	Fiber-glass	① Double wishbone suspension ② Double unequal length A-arm Push rod	① 2816.098mm ③ 2051.41mm ⑤ 1375 mm	② 1082.147mm ④ 1524mm	① 280 kg ② 40:60 ③ 51 mm	13 inch 185mm
71	Toyama University	wine red	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod	① 2720 mm ③ 1550 mm ⑤ 1300 mm	② 1256 mm ④ 1300 mm	① 300 kg ② 46:54 ③ 136 mm	13inch Tan-ei-sha 180/510-13 Hoosier
72	Aichi Institute of Technology	samon pink	steel spaceframe	CFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2560mm ③ 1600mm ⑤ 1206mm	② 1225mm ④ 1200mm	① 280 kg ② 55:45 ③ 50mm	13inch RAYS VOLK-TE37 160/530-13 Bridgestone
73	The University of Kitakyushu	white and green	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 1250mm	② 1200mm ④ 1250mm	① 300 kg ② 45:55 ③ 100mm	13inch 175/60R13 DUNLOP
76	Touko University of Agriculture and Technology		steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2700 mm ③ 1600 mm ⑤ 1200 mm	② 1130 mm ④ 1200 mm	① 230 kg ② 40:60 ③ 30 mm	13inch RAYS TE37 180/510-13 Bridgestone Bias
77	National Institute of Technology, Jamshedpur	red & black	steel tubular space frame	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2750mm ③ 1800 mm ⑤ 1220 mm	② 1172.5mm ④ 1300 mm	① 290 kg ② 44.14:55.86 ③ 63.5 mm	13inch MARUTI RACING SLICK 20cm x7cm JK TYRES RADIAL
78	Tokyo University of Science Yamagushi	orange	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2859 mm ③ 1670 mm ⑤ 1250 mm	② 1195 mm ④ 1250 mm	① 300 kg ② 45:55 ③ 45 mm	13inch RAYS TE-37 175/60 R13 DUNLOP DIREZZA 03G
79	Institut Teknologi Bandung	white with colours striping	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod	① 2800 mm ③ 1550 mm ⑤ 1168 mm	② 1200 mm ④ 1218 mm	① 250 kg ② 45:55 ③ 50 mm	15 inch inner diameter, pcd 100, offset 38 & Achilles R1
80	The American University in Cairo	red	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2600 mm ③ 1570 mm ⑤ 1200 mm	② 1200 mm	① 235 kg ② 40:60 ③ 80 mm	13inch Keizer Kosmo Magnesium Series 205/533-13 Hoosier Racing Tire
81	Prince of Songkla University	blue (pantone 540 c)	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod	① 2485mm ③ Wheelbase ⑤ Rear Track	② Overall Height ④ Front Track	① 280 kg ② 48:52 ③ 30 mm	13inch lenso vpd & 20/54-13 Michelin

* Car No.32 The University of Tokyo, Car No.58 Fukui University of Technology, Car No.63 Reva Institute of Technology and Management, Car No.74 Shonan Institute of Technology, Car No.75 Toyama Prefectural University, Car No.82 King Mongkut's University of Technology Thonburi, Ratchaburi Campus

① Engine ② Displacement ③ max. Power ④ max.Torque	Induction Type Fuel Tank Volume	Shifter	Final Drive & Differential	Brakes ① Front ② Rear	Unique Features & Notes
① CBR600RR 2011 ② 599cc ③ 76.2 kW @ 12600 rpm ④ 61.3 Nm @ 11210 rpm	Naturally aspirated 5.3L	Electro-pneumatic Shifter	Chain Drive Open Differential	① 2 outboard ② 2 outboard Kitaco calipers	Hydraulic clutch released handle, Pneumatic shifter
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	
① PE064 CRF450X ② 450cc ③ 29ps/7000rpm ④ 3.2kgf/5500rpm	Naturally aspirated 6.9L	Manual	NOTING	① 2-POD ② 1-POD	SIMPLE FRAME STRUCTURE
① PC35EHONDA CBR600F4i ② 600cc ③ 75ps/11500rpm ④ 5.4kgf/7000rpm	Naturally aspirated	Manual	① Chain Drive ② Quaife Limited Slip Differential	① 2 outboard ② 2 outboard Sinnis Apache Caliper	Air brakes (spoiler type)
① PC40EHONDA CBR600RR ② 599cc ③ 69.0ps/11500rpm ④ 5.2kgf/8500rpm	Naturally aspirated 7.0L	Manual	Chain Drive Normal Differential	① 2 outboard ② 2 outboard Nissin calipers	3 pedal, firefly squid body work
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
① Kawasaki ZX-6R ② 600cc ③ Unknown ④ Unknown	Naturally aspirated 7.0L	Manual	Chain Drive	① 2 outboard ② 2 outboard	
① PC40E HONDA CBR600RR ② 599cc ③ 78ps/12000rpm ④ 5.8kgf/8000rpm	Naturally aspirated 6.1L	Electric Semi Automatic Shifter	Chain FCCTRAC	① 2 outboard ② 2 outboard Nissin calipers	
① HONDA CBR 600cc MPFI ② 600cc ③ 80.2ps/10000RPM ④ 7.6kgf/6000RPM	Naturally aspirated 6.0L	Pneumatic Button Actuated	Chain Sprocket Open Differential	① 2 outboard ② 1 inboard Honda CBR 250CC calipers	Resonate ram tuning, Optimized fuel economy and emission rate with RD petrol ECU, Stiff and light suspension system, Wireless data acquisition
① PC37EHONDA CBR600RR ② 600cc ③ 不明 ④ 不明	Naturally aspirated 7.0L	Manual	Suretrac Limited Slip Diff	① 2 outboard ② 2 outboard	
① Honda CBR600 RR ② 600cc	Naturally aspirated 5.0L	Manual	ShaftTorsen	① 2 outboard ② 1 inboard Nissin calipers	
① Honda CBR600RR 2008 ② 600cc ③ 75ps/12500rpm ④ 4.79kgf/8500rpm	Naturally aspirated 6.5L	Sequential Manual Transmission	ShaftTorsen	① 2 outboard ② 2 outboard Nissin calipers	Performance and Fuel Consumption level, Control
① SUZUKI GSX-R 600 ② 599.00 cc ③ 125 bhp @13,500 rpm ④ 67.7Nm @11,500 rpm	Naturally aspirated 5.0L	Manual & Pnuematic Gear Shift	Final Drive 1:3.5 Differential Honda (spoon)	① 2 outboard Tokico caliper ② 2 outboard Tokico caliper	Single lock nut & Pnuematic gear shift

Team Members and Sponsors

*(CP)Team Captain (FA)Faculty Advisor (MBR)Team Member: As of June 1, 2012

1

Sophia University

Team Members

(CP)Tetsuya Fujimoto(FA)Takashi Suzuki(FA2)Yasufumi Oguri(MBR)Yusuke Arai,Taro Inayoshi,Yoshinori Ishikawa,Tomoka Sumikawa,Chihiro Takei,Hiroki Toshitani,Tatsuyoshi Nakafuku,Yoshiki Fukuhara,Yujiro Fujita,Ryusuke Masumoto,Takeru Watanabe,Yusuke Nakano,Ryo Ueda,Ayumu Iguchi,Kaori Arai,Nako Watanabe,Arisa Ikeda,Yuto Nitta,Asami Kawasaki,Koki Okamoto,Aishima Yuuta,Erina Iida,Misaki Ito,Yuki Ito,Masato Kawaguchi,Gen Kimizuka,Kai Saito,Gakuken Jo,Saori Takami,Miku Tsuyuki,Chenyu Zhao,Kai Zhao,Kaori Shiraiishi,Tamaki Aratani,Shiki Izuka,Wataru Miyaji,Naoya Kimata

Car Features and Team Aspirations

"Prove to the world." With this concept, we have been attending the Formula-SAE competitions in US, UK, and Australia since 2000. It greatly enriches our experience and knowledge on engineering and team management. This year, the significance of our vehicle is the full aero devices and layout feature. Both successfully improved the total performance of the vehicle.

Team Sponsors

Yamaha Motor,PTC Japan,UD trucks,BESTEX,MIYAKO HYDRAULIC BRAKE,TOHO TENAX,Nissin Kogyo,ANSYS Japan,NTN,Tohoku Radiator,GAT,F.C.C.,AVO/MoTec Japan,THK,CYBERNET SYSTEMS,Hitachi Maxell,Daiichi Onkyo,Racing Service Watanabe,HOME MathWorks,The Dow Chemical,RCCM,TAGUCHI PATTERN WORKS,VI-grade Japan,WAKO CHEMICAL,OGURA CLUTCH,AVASYS,MISUMI group,ASPECT,CYAN,Musashisakai Driving School,FARO,Tanaka Industrial,Nihon Automobile College,VANTEC,MITOKO GYO,Mobara Twin Circuit,Nicole Group,Nagase Tool Matex,FootWork Garage,ASICS,Magna International,OKITSURASEN,City Kart,IgoW,KAZAKHS,Jyushi rido Moderu,Fuji WPC,WIT



2

Yokohama National University

Team Members

(CP)Kentarō Sone(FA)Yasukazu Sato(FA2)Suguru Matsuzawa(MBR)Takuya Tamura,Hidemasa Nakajima,Takumi Negishi,Ai Murakami,Hiroaki Saito,Yushi Murai,Junya Kamei,Tomoki Tamura,Keita Eto,Kota Akiyama,Azumi Mori,Yuho Omiya,Hiroki Suzuki,Subaru Saito,Kaito Nakagawa,Naoyuki Takase,Koichi Sato,Rina Nakano,Jin Miyazawa,Ryota Otaki,Kouki Okada,Takuya Kinami,Taihei Nakazaki,Syogo Hanawa,Toshiaki Uemura,Yuki Sunohara,Hitoshi Matsuyama,Moeko Koichi,Tomohiro Kano,Keitoku Hayashi,Kanta Fukumoto,Natsuki SASAHARA,Kouhei Takakura,Hiroki Yada,Takumi Matsuzawa

Car Features and Team Aspirations

This year, besides our traditional layout: 10 inch wheel, shaft drive and 4 stroke high power engine, we have striven to trim the weight of our "YNFP-12" in order to boost machine's cornering performance. We have also focused on tyre data and tested long runs to assure machine's reliability. Now, our only aim is to snatch the victory with this fast, upgraded "YNFP-12".

Team Sponsors

Igus,Ibrida Cell,Amon Kogyo,Minebea,Autodesk,Ishii Seiki,Kaimei Mfg,Kinokuni Enterprise,CAMBrain,KOIWAI,Komatsu Mfg,SHOWA,SYNCFOR,DYNATECH,Tashiro,Tohnichi Mfg,Toho Tsushin Systems,NAKANISHI GEAR,Fuji Seimitsu,Brain and Trust,Makita,MISUMI Group,Mitutoyo,IDA,J,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,SHINSEIKO,Sumitomo Light Metal Industries,Sumitomo Wiring Systems,SUPER AUTOBACS YOKOHAMA MINATO MIRAI,ZF Japan,SolidWorks Japan,Tabata Radiator,Trumpf,Niigata,Nissin Kogyo,Nisshinbo Chemical,NSK,Nippon Dry-Chemical,NHK SPRING,Honda Motor,Musashi Holt,Kanagawa Atsuta,Kobayashi Giken Kogyo,Shinko,MECTEC,Yasuhsa-KOKI,Yamasaki Giken Kogyo,Yokohama Koshuwa Kogyo,AZAPA,FC Design,MOTUL,NTN,S-GRID



3

Osaka University

Team Members

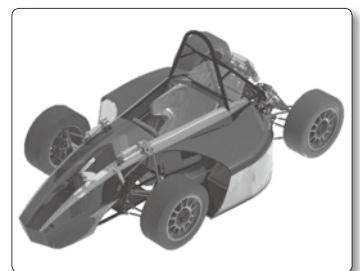
(CP)Akinobu Goto(FA)Kenji Yoshida(FA2)Fumiteru Akamatsu(FA3)Daigo Izumi(FA4)Hiroyuki Okada(MBR)Kyohei Izumi,Takuto Kubori,Toshiaki Sato,Kaname Tatani,Tetsuya Oshio,Takumi Tokinoya,Koji Nagase,Makoto Suminaka,Satoshi Yamamoto,Katsufumi Sugimoto,Ryuichi Hotta,Takuto Ishida,Sing Kouu,Naoya Kaya,Toshiyuki Aoki,Yuya Seta,Yuki Kirimura,Daichi Oura,Tatsuto Takeda,Takeshi Harada,Sungi Han,Wakana Kondo,Daisuke Tatani

Car Features and Team Aspirations

Our team has developed our vehicles for many years with a permanent concept "High Basic Performance Vehicle with which every driver can mark not only fast and but also constant Lap Time" In accordance with it, we set this year's concept "High Controlability at low-speed corner and slalom". To achieve this, almost all parts have been redesigned. Our goal is the design and endurance winner, and overall winner.

Team Sponsors

Altechno,Ibaraki Kogyo,Ueda,NTN,F.C.C,Osaka University,FRC,Oxiso,OZ Japan,Kanae,KHI,Kita Kobe Circuit,KINOKUNI Enterprise,Kyowa UJ,Kubota,Cradle,Keihin,KOBELCO,Kokuyo Aluminum,Cybernet,Sanyo Chemical,Signal,IDA,Showa Aircraft,Sumitomo Metal Industries,Sumitomo Wiring Systems,Sumitomo 3M,Solidworks Japan,Tiger Seisakusyo,Daito Radiator,DAIHATSU,Takeuchi DK,Tenhiko,Tohnichi,Tohgenkyo,Nissin Kogyo,Nihon Welding Rod,VI-grade Japan,NHK,NOP,NGK,FARO Japan,Fuji Seimitsu,Bridgestone,Blenny,HOPEC,Magna International Japan,MISUMI,Minebea,MNB,Mitate Kobo,Mitsubishi Rayon,Minatogawa,MUTOH,MORISHIN,Yokogawa Electric,Rays,WAKO Chemical



4

Utsunomiya University

Team Members

(CP)Ryo Nitta(FA)Hitoshi Sugiyama(FA2)Naoto Kato(MBR)Takaya Saitou,Shunichi Ushiyama,Kazunari Eguchi,Kazuma Kawahata,Kouchirou Maki,Eiji Kida,Kazuma Yusa,Shougo Kawaharada,Yuutsu Kodama,Shoya Ito,Naoya Ueshiro,Shinya Ozeki,Keita Tsuchiya,Kai Nagashima,Jun Hirayama,Yuki Masuda,Kouji Kinjyo

Car Features and Team Aspirations

UF-10, vehicle we made in this year, set up the concept of "The Advancement of merchantability" and comprehensive reformed vehicle design, cost, and the marketing side. In this tournament we aim at overall victory.

Team Sponsors

ASAHI KASEI CONSTRUCTION MATERIALS,ALINCO,Altechno,ANSYS,IGASHIRA MOTOR PARK,ISHIKAWA INK,inFec UESAWA WORKS,ACM 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,Tochig-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 Seisakujo,Watanabe Metal



5

*Nagoya University***Team Members**

(CP)Hiroki Furuta(FA)Shoichiro Takehara(FA2)Chikara Nagai(MBR)Kenta Miyakoshi,Yuiko Ootake,Kentaro Nakayama,Koichi Takashima,Goichi Kobayashi,Tomoki Unou,Naoki Senba,Kanami Hida,Yuuki Nakada,Yuuta Maekawa,Hiroki Yamanouchi,Yuki Ayamura,Kenji Shirono,Yusuke Nishiumi,Yoshiaki Inadome,Takashi Asai,Souma Nakagami,Kenta Yamaguchi,Yoshifumi Yoshida,Shunsuke Nishio,Masatoshi Kanayama,Nao Kamiya,Ryoma Mizuno,Keisuke Nishioka,Naoko Matsushima,Shingo Nakano,Miyauchi Tomohiro,Yusuke Miyazaki,Tetsuro Kobayashi,Kentaro Goto,Naohiro Kusunoki,Kamimura Naoki,Ichise Masahiro

Car Features and Team Aspirations

Aiming for overall win, we developed our machine to get top score of endurance, autocross, acceleration and skidpad. We dramatically improved cornering performance by introducing our first front wing.

Team Sponsors

AISIN AW,Aoyama Seisakusho,ACTIVE,ASAHI KASEI CONSTRUCTION MATERIALS CORPORATION,AZAPA, IWAKURA WELDING INDUSTRY,WEST RACING CARS, UMEOKA,VI-grade,AW ENGINEERING,ATS,Amon Industry,NSwelding,NTN,ENUMA CHAIN MFG,FC Design,Okajima Pipe,Kato Cam Giken,Kato Gear Seisakusyo,KINOKUNI Enterprise,Kimura Industry, CALIO,KYOWA,KYOWA KOGYO,KYOWA ELECTRONIC INSTRUMENTS,KOKEN,KOTA CIRCUIT YRP,KIRIYAMA,KOWA INDUSTRY,KOBELCO,Cybernet Systems,Sasano Shoten,CCI,Showa Aircraft Industry,ZEAL,Swing,Suzusho ,Sumitomo Wiring Systems,ThreeBond,SolidWorks Japan,TAIHOKOHZAI,TAKATA Service,Chuo Spring,Technoil Japan,DEWETRON Japan,DENSO,Tokai Rubber Industries,THONICHI Mtg.,TOHO TENAX,NEXCO Engineering Kansai,Nissin Kogyo,Nittetsu Steel Pipe,NIHON KENSHI,Nippon Light Metal,NIPPON THOMPSON,HI-LEX,HIBIKI SEIKI,BITO R&D,Firstmolding,Fashion Mishimaya,Fuji Seimitsu,Fujita Rashi,Fujimoto Service,Furuto Industrial,Honda Motor,Honda Dream Nagoya Nishi,Makita,MIZUNAMI LAKE WAY,MINARO,Minoru INTERNATIONAL,Moriwaki Engineering,RAMPF Group Japan,Lenovo Japan,World Walk



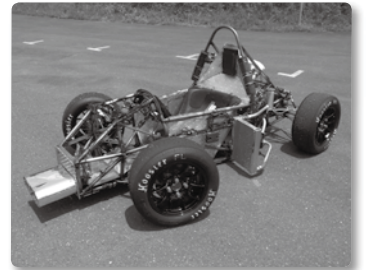
6

*Ibaraki University***Team Members**

(CP)Yuto Kobayashi(FA)Souichiro Nishino(MBR)Tomohiro Hasegawa,Tomomi Tobita,Haruki Ishinabe,Tomonori Kuriyama,Shuhei Kojima,Akihiro Komori,Ryoma Koga,Syuji Iimura,Syunsuke Kanno,Mayumi Hangai,Daiki Kitagima,Masashi Itakura,Akitoshi Kihara,Yoshitaka Suzuki,Satoshi Hamasaki,Yuuya Suzuki,Syuo Gotou,Naoto Shibata

Car Features and Team Aspirations

Machine concept is "the pursuit of turning performance." New machine IUYK08 is more sophisticated than past machines. We will aim of to win with this new machine and teamwork that survived the last year's earthquake and a lot of troubles.



7

*Chiba University***Team Members**

(CP)Hiroyuki Konno(FA)Yasuo Moriyoshi(FA2)Kazuyoshi Kouno(MBR)Takeshi Wada,Akira Suzuki,Kazunori Toida,Koushi Takahashi,Makoto Wada,Takeru Azuma,Yu Kanegae,Kazuki Chiba,Hikari Hirayanagi,Misa Ogasawara,Wataru Sato,Shota Masumoto,Takaya Mori,Satoko Ikuta,Masao Ida,Yuri Inagaki,Ryo Ueno,Kazuhiro Uda,Ryoma Okura,Yuki Katsura,Yuto Kawagoe,Satoru Kirii,Mizusa Takezawa,Kazuaki Hata,Norimitsu Wakui,Mima Igarashi,Masashi Sasaki,Naoki Shigenobu,Yu Tsunoda,Azumi Hirooka,Souma Takeuchi,Kousuke Hirabayashi

Car Features and Team Aspirations

"Car×Fun -Pleasure of the car for all people- " is the product concept of this year's car. Our car embodies our thought about racing car. With new devices, such as the turbo charged engine and aero parts, we will struggle to get the first prize.

Team Sponsors

Altrack,IHI,NTN,SEKI,Aoifudousan,Idemitsu Kosan, F.C.C,KINOKUNI Enterprise,KYOWA KOGYO,KUSAKA MFG,KUWAHARA BIKE WORKS,Keiyo Bend,CYBERNET SYSTEMS,JOUNANKEY,Shinjyuku Radiator,SUMICO LUBRICANT,Sumitomo Wiring Systems,SolidWorks Japan,Dow Chemical,.,TAKATA,DENSO,Tohoku Radiator,TOKIN,TOHNICHI,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 Alumni Association of Faculty of Engineering,CJFP 0B&OG



8

*Kyushu Institute of Technology***Team Members**

(CP)Koji Sasayama(FA)Toru Kawabe(MBR)Takahiro Otsubo,Masashi Konomoto,Hidekazu Kikuchi,Goki Takano,Shoichi Yoshinaga,Hiroataka Hokazono,Akimi Sawata,Masanori Nakamura,Naoto Yamaguchi,Yuki Nagai,Atsushi Matsuda,Shutarou Omata,Garyu Kimura,Keita Koyama,Yukitaka Goto,Yoshiyuki Cho,Tomoya Nakagawa,Takahiro Haraguchi,Hideki Fujii,Masanori Matsui,Yousuke Yamaguchi,Satoshi Koduka,Hibiki Saigyo,Shosei Sakata,Takahiro Shinozaki,Akihiro Shimafuji,Yuya Jinno,Tomoki Tagawa,Mitsunori Miyazaki,Yusaku Morii,Daijiro Takahara,Shusaku Tinen,Takaya Harono,Fumiki Ohno

Car Features and Team Aspirations

Our vehicle's concept of this year is "All for Speed-Challenge to the speed-". We developed the vehicle to improve its performance. We introduced new technologies that were shallow oil pan and paddle shifter and so on. We aim to win top six.

Team Sponsors

Ishihara Radiator,Air Gases Kitakyushu,NTN,F.C.C,Kawasaki, Kinokuni,KYOWA,KUWAHARA BIKEWORKS,Sasakikogyo, SIW,TAKADA,DOW,PRIME Garage,TONE,MACH FC,MISUMI, Meisenkai,yamato,Yamanaka Eng,Watanabe,WAKO'S



Team Members and Sponsors

9

Tokyo City University

Team Members

(CP)Tatsuya Kawahara(FA)Yuji Mihara(FA2)Michiyasu Owashi(MBR)Yuji Kobayashi,Ryuta Sekiguchi,Takazumi Ishimatsu,Toshihiro Inuzuka,Koki Ota,Jun Shiina,Syunpei Hisamitsu,Takaki Morimoto,Tsubasa Amano,Daijiro Ishii,Takumi Ito,Shingo Ono,Masaaki Shibata,Aran Seshita,Satoshi Takahashi,Akihiro Nakada,Kazuya Matsunaga,Yukihide Matsumoto,Toshiya Seki,Hikaru Mamiya,Chiho Mizuno,Yuta Miyashige,Syun Yokoyama,Takuya Yamagata,Shigeiki Kawachi,Yoshihiro Sakai,Koji Ishikawa,Takuya Kanazawa,Hiroaki Kubota,Syun Kondo,Kazuki Shimoyama,Naoko Tagawa,Syota Nakajima,Issei Nomura,Saya Mukai,Haruki Akagi

Car Features and Team Aspirations

We also adopted this year with the packaging of the last fiscal year. The efforts to reduce vehicle weight were made in addition to this.

Team Sponsors

AVO/MoTeC Japan, IDAJ, NTN, MSC Software, UD Trucks Corporation, I.P. LABORATORIES, AOKI-KOGYOSHO, ALTECH, ISHIKAWA INK, IWAMOTO, EIWA KOGYOSHO, F.C.C., Amon Industry, OSCO Industries, KAISEI Motorcycle, KITAMURA KOGYO, KINOKUNI Enterprise, KYOWA, KYOWA KOGYO, KUWAHARA INTERNATIONAL, Keiyo Bend, Kohara Gear Industry, KOYAMA Garage, CYBERNET SYSTEMS, Quick HANYU, SUZUKI MOTOR CORPORATION, SUMICO, Sumitomo Wiring Systems, NISSAN NEJI, Solid Works, TPR, TEITO RUBBER, TERADA MFG, Tokyo R&D, TOYO DENGYO, Nikkeikin Aluminium Core Technology, NIKKEN Manufacturing, NISSAN, Nissin Kogyo, Nippon Light Metal, NHK SPRING, U-PICA, PIOLAX, HI-LEX CORPORATION, Fuji Manufacturing, Fuji Seimitsu, THE FURUKAWA BATTERY, BEAR RACING SERVICE, HONDA, Meister Club, MISUMI Corporation, Minoru INTERNATIONAL, Little Garage, Racing service WATANABE



10

Tokai University

Team Members

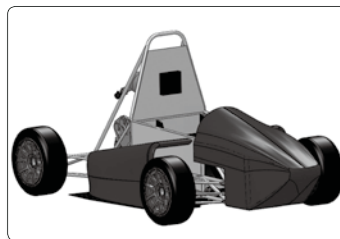
(CP)Rikiya Okada(FA)Tatsuya Morisita(MBR)Shingo Mizota,Hiroki Ogawa,Koh Ohyaichi,Shoudai Koyano,Yuta Shimoda,Keisuke Watanabe,Keita Morimoto,Ryunosuke Furuuchi,Reona Tanaka

Car Features and Team Aspirations

We have been participating in the competition under the team concept of "Manufacturing of from ZERO", since we first joined in 2002. This year, we focused on the course layout and we made our efforts to manufacture the car with the goal of achieving the "innovative acceleration". For that purpose, we chose V-twin engine. With this engine, making the best of its torque characteristics, we aim for a higher rank.

Team Sponsors

Suzuki, F.P.Japan, Inoue bowling, TOM, SolidWorks Japan, Federal-Mogul, Total.Lubricants Japan, Oikawa Works, VIEWTEC Japan, N.e. Japan Goodyear, Suzumura Works, Koivai, Junior Motor Park Quick Hanyu, CD adapco Japan, NTN, AVO / MoTeC Japan, tea garage, ANSYS Cyber net System, industrial Nissin, F.C.C, rent, Goutte rich Japan, MISUMI Group, industrial Tokaibane, KUWAHARA BIKEWORKS JAPAN, east Department Seiki, Sumitomo lubrication, Naps Isehara shop, Hurricane Osaka motorcycle industry, Bright logic, Kotaki, Dynatec, industrial lining Nakayama, Keio tourism, West Racing Cars, Mikuni, TAN-El-SYA WHEEL SUPPLY, Sian, Maruyama radiator work place, Works sandpile,Koyo, Fukuoka rubber tire service, YP system, kiyukai, Nissan Motors, Honda Motors



11

Kyoto Institute of Technology

Team Members

(CP)Kazuya Okamoto(FA)Minoru Ota(FA2)Daisuke Iba(MBR)Yu Hashimoto,Masaaki Shimizu,Ryuta Deno,Yasuhiro Hiraki,Yoh Harano,Shuntaro Imanishi,Yasuhiro Takada,Kazutoshi Yoshioka,Kentaro Abe,Tatsuya Kitahara,Atsushi Nishida,Syo Sunako,Kenta Sato,Ryo Itani,Satoshi Tanaka,Junichi Tashiro,Hiroyuki Inoue,Tetsu Shirai,Yu Hirai,Kotaro Nakatsuji,Akio Hayashi,Kenichi Yanagida,Ryosuke Takayama,Yudai Kouno,Johng,Maeda Yuya,Hashimoto Shunsuke,Shunsuke Akahori,Shingo Kato,Kazuki Sakamoto,Shunsuke Hayashi,Motoya Hasegawa,Shiori Masamoto,Hikaru Matsuyama,Yutaro Nagai,Kazuya Tokunaga,Yuma Tsujimoto,Toshiaki Kasuga,Nobuaki Ikeda,Nobuyuki Miyaoka,Tikara Kawabata,Yutaro Uotani,Kentarou Tanaka,Shunsuke Hayashi

Car Features and Team Aspirations

GDF-07 is a small and lightweight machine with a single-cylinder engine combined with fiber technology, the university's strong field of study. In this March, we conducted a shakedown to

analyze the ability of the machine. We look forward to marking our rank single digit in overall results this year, which we couldn't realize in the last competition.

Team Sponsors

SUZUKI, HillTop, Tango, Umihira, CYBERNET, EXEDY, JFSteel, NTN, NUTECC - JAPAN, Design Apple, D.I.D, Kinoshita, KYOWA, DASSAULT SYSTEMES, HI-LEX Corporation, ITW PP&F Japan, MISUMI, Matsuda, Nissei, TANGO-GIKEN, MatumotoKinzoku, KATO GEAR, DU PONT-TORAY, Takata Corporation, AVO/MoTeC JAPAN, Murakami-Dairy, Tohnicchi Mfg, THK, F.C.C, Global Active Technology, KIKEngineering, Sumitomo Wiring Systems, projectu



12

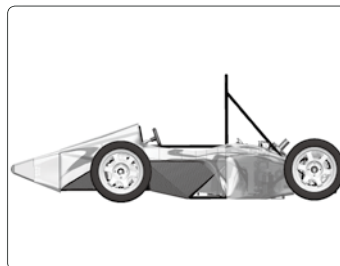
Shibaura Institute of Technology

Team Members

(CP)Yuuki Takami(FA)Hiroyasu Saitoh(MBR)Yoshihiro Yamazaki,Sho Hagiwara,Hiroshi Nishiyama,Kunihiro Kikukawa,Masayuki Noguchi,Shota Fukushima,Yuta Shimizu,Yohei Kokubo,Shotaro Mochizuki,Hiroyuki Hayashi,Koji Akiba,Satoshi Tsuchiya,Yoshino Akihisa,Tatsuya Tomita,Masahiro Aihata,Tomoya Kaneko,Yuki kimura,Horie Kenta,Takeaki Aisaka,Yuya Akiyama,Yu Oishi,kyosuke kobayashi,Yuta Oosawa,Takahiro Tomimasu,Akira Yamauchi,Yuya Oikawa,Satoh Yuya,Jun Yamauchi,Atsushi Watanabe, Tai Ishikawa

Car Features and Team Aspirations

Our new car aims to get stability. We would try to attach a hand clutch, a under panel and more.



14 College of Science and Technology, Nihon University

Team Members

(CP)Takuya Yokota(FA)Michihiko Hoshino(MBR)Tsubasa Takezawa,Hiroyuki Takano,Toshiki Arai,Takayuki Abe,Masashi Sawada,Masahiro Hasegawa,Atsushi Okabe,Tsubasa Suzuki,Hiroki Ohara,Ryota Iijima,Katsuya Misawa,Ryo Shoji,Naoto Ito,Kazuya Kitabayashi,Masanori Ebisawa,Takatoshi Ota,Suzuki Akihiko,Sugaya Takahiro,Ryota Goshi,Anju Komaki,Masayuki Utsunomiya,Takaaki Ookubo,Junichi Sugimoto,Tajima Kota,Suka Ryuichi,Hiroki Uda,Yuuki Komiya,Akane Nakajima,Masashi Ono

Car Features and Team Aspirations

While NU-CST/010 pursued the high movement performance, it designed with emphasis on improvement in maintenance nature, 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 four years.

Team Sponsors

Rsangyomaki,RS-Watanabe,IRS,i-FACTORY,SPS UNBRA KO,NTN,FCC,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,DE CK,Nakanokagaku,NISSAN,MECST,NHK SPRING,VSN,Future Technology ,plus μ,PLOT,HONDA,MISUMI,YAMAHA,WAKO'S



15 Keio University

Team Members

(CP)Yamahata Kuniko(FA)Norimasa Iida(MBR)Natsuki Matsukawa,Sena Kurachi,Takashi Suzuki,Shohta Hotchi,Akihiro Kita,Takahiro Akutsu,Daigo Noguchi,Kazuki Ohkusa,Tomohiro Ishikawa,Tomoyuki Iso,Ken Kawai,Yoshito Saito,Ryo Sato,Shodai Deguchi,Hiromu Fukamachi,Risa Yamauchi,Ayaka Yoshida,Yasufumi Muto,Yuki Kitayama,Yutaro Misimi

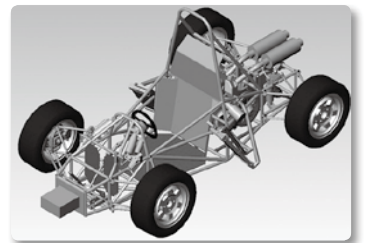
Car Features and Team Aspirations

In KF-10, we focused on "light weight", "low centroid", "enhanced stiffness", "quicker response", "improved maintainability" and "advanced drivability" as our concept of our machine. We are aiming to win a prize by being ranked above 6th place.

Team Sponsors

RK JAPAN Co.,Icom Inc.,Amon Industry Co.,NOK CORPORATION,NTN Corporation,AUTOBACS SEVEN CO.,ONO SOKKI CO.,KINOKUNI

Enterprise co.,KYOWA KOGYO CO.,KUWAHARA BIKE WORKS,Keihin Corporation,KOKUSAN Co.,Gosho works Ltd.,Kohara Gear Industry Co.,Continental AG,XAM JAPAN Inc.,SANKEN KOUGYOU,SIVAX INC.,JFE KOUKEN,quick HANYU,JONAN-KEY,SUZUKI MOTOR CORPORATION ,Sumitomo Wiring Systems,SolidWorks Japan K.K.,DAIHEN Welding and Mechatronics System Corporation,THK CO.,TEIKE,Toyoko Kagaku Co.,TAKAHASHI KOKI Co.,TOPLINE PRODUCTS,Nagase Tool Matex Co.,Nissin Kogyo Co.,Nobe,First Molding Co,Future Technology Co.,PLUS-MYU,Blenny,Plot Inc.,Fuji Seimitsu Co.,CF POSH,NIPPON POP RIVETS AND FASTENERS,Honda Motor Co.,Maxell Siontec,MATSUI SEIMITSU JNC,MISUMI GROUP Inc.,Mitsubishi Materials Corporation,mitoloy Co,Musashi Holt Co.,YASHIMA CORPORATION,YAMATO INDUSTRIAL CO.,Yamaha Manufacturing Co.,UD Trucks Corporation,Yutaka Giken Company,UNI FLEX Co.,YOSHIMURA JAPAN CO.,La Strada,RAYS CORPORATION,Racing Garage ENOMOTO.,Works Bell Co.,WAKO CHEMICAL,Machine system common laboratory Practical room,Keio Univ S.A.E OLD BOYS CLUB



16 Doshisha University

Team Members

(CP)Satoshi Miyata(FA)Jiro Senda(FA2)Shigeo Nakamura(FA3)Tohru Fujii(FA4)Tatsuya Tanaka(MBR)Yasuhiro Maeda,Kyousuke Hirazumi,Ryousuke Shiota,Hideki Matsuoka,Kengo Iwakura,Takao Shimada,Syoma Uno,Daisuke Kubota,Takashi Shuto,Yasuo Shimizu,Takashi Kawanaka,Takeshi Tatsumi,Koichi Kabeyama,Hirokazu Torii,Keisuke Tatsumoto,Hiroto Shinno,Akinobu Saito,Ryuta Tanaka,Kai Aso,Kaito Iwamura,Yoshihito Ikeshita,Kosei Ito,Soya Matsumoto

Car Features and Team Aspirations

Our machine concept is "Good vehicle operability and fast",which is the traditional concept of our team.We designed our vehicle"DF12" based on our machine concept. This year, we aim to single number that we do the goal of our team for a long time.

Team Sponsors

Kawasaki,Horiba,Kitoh Gear,NISSIN,WAKO'S,Kita Kobe Circuit,Solidworks Japan,YANMAR,EXEDY,SUNSTAR ENGINEERING,MISUMI,NTN,YAMATO INDUSTRIAL,THK, F.C.C.,Racing Service Watanabe,T.RAD,Iteno 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-gread,KEIHIN,DAIHATSU,Doshisha Enterprise



17 Siam University

Team Members

(CP)Suttichit Pimchan(FA)Taweesak Piyatuchsananon(MBR)Jiraphat Supthep,Vorached Variphat,Pakpoom Tongtem,Paisan Soundokmai,Santichai Wunwong,Sarawut Tuncheprue,Phitoon Sae-Aung,Wittaya Jitprasert,Jedsada Wedprasert,Sathaporn Manmai,Pawarit Phosri,Somsak Aiemsri,Wanchalerm Srichomngarm,Kritsana Malai,Thiti Buamung,Thanis Baosantea,Ratchakarn Kimareree

Car Features and Team Aspirations

Small Dimension, Maximum Mechanical Grip, Max Power and Light Weight

Team Sponsors

Banking, PTT, Bridgestone,TMB



Team Members and Sponsors

18 Niigata University

Team Members

(CP)Yasuhiro Urata(FA)Takeo Tamura(FA2)Takeji Haneda(FA3)Taku Hatori(MBR)Naoyuki Takahashi,Kei Takahashi,Jun Kageyama,Ryouhei Sugahara,Takeru Watanabe,Masato Ikeura,Takeyuki Okuta,Hidefumi Tsuruta,Yuuki Ogura,Hiroto Suzuki,Akinari Hosaka,Kimiko Hori,Takeshi Yamasuge,Toshihiro Kadowaki,Tatsuya Yoshida,Yoshiaki Aono

Car Features and Team Aspirations

Our car NU-12 was designed to show a good turning and accelerating performance. To show these, we considered weight saving of parts. In addition, we aimed highly aerodynamic and stylish body by use of aerodynamic simulation soft. In the competition, we will do our best to win a higher rank than last year. Furthermore, we want to talk about technical method to other team members in the competition site.

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, Nikkei Niigata, MARUTO HASEGAWA KOSAKUJO, YAMAWA MFG., WATANABE Industrial, The Dow Chemical, RAC, S. T-Link, NANBA Seisakujo, NIPPON TALC, Tabata Radiator, TOP KOGYO, KIJIMA, SUNAYAMASEISAKUSHO, SUNTECH, VSN, Niwa iron works, Department of Mechanical and Production Engineering Niigata University, Alumni association of Niigata University



19 Kyoto University

Team Members

(CP)Takaomi Ogawa(FA)Iwao Yamaji(MBR)Hiroki Mori, Shigeyoshi Okunishi, Takuma Fujii, Tomoyuki Takeda, Kazuki Ohashi, Junichi Izawa, Tadamasa Takahashi, Takuya Yoden, Keisuke Nagata, Atsuki Matsuoka, Yamato Saito, Tomo Tadokoro

Car Features and Team Aspirations

We improved our expertise about our machine including single cylinder engine and gear drive (these introduced as last year's 'innovation') and traditional aluminum spaceframe. We threw all these experiences into our new machine. "KZ-RR10" runs through ECOPA for the top of victory stand.

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, TANAKA FACTORY, Komatsu, Mazda-Aoi-Kai, DOW, Tire Box Evolve, Umihira, ATTRACTIVE SMILE CENTER, VI-grade Japan, Yanmar, MEDICAL KEISHINKAI, Biwako Sports Land, Meihan Sports Land, KAFEEL, Contec Labo, Kakino Technical Labo, Enterprize Y, Tohnichi Mfg, Willier, F. C.C, Daihatsu Motor, Matsumoto Metal Mfg, Keiki-Kai, Kyoto Univ Mechanical Factory



20 Kinki University

Team Members

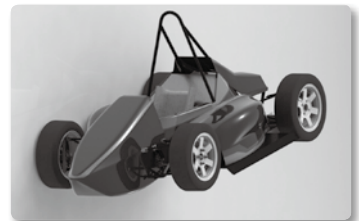
(CP)Shota Kosugi(FA)Shinji Kajiwara(MBR)Keita Nakanishi, Mitsuaki Kouno, Yuki Yabu, Takashi Miyagawa, Keisuke Murata, Yuki Ishitaka, Yuya Yagura, Shugo Kono, Hiroki Takada, Noriyuki Omichi, Yusuke Tada, Masashi Watanabe, Tomofumi Hasegawa, Kazuki Fujimoto, Tadamasu Fukuoka, Naohiro Kuchitsuka, Kazuo Yukioka, Atsushi Horiyama

Car Features and Team Aspirations

Taking over the last year's concept of "low center of gravity", we made our efforts to further improve the engine power and the traction, in order to develop a car that can win the competition. Three years have passed since we changed the engine, but we continue challenging ourselves to adopt new technologies such as a super dry sump and weight savings. we aim for the top.

Team Sponsors

Ishizue, 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, Daihatsu, DAIHEN, Takayasu Sangyo, D.I.D, Tokyo R&D, TOHNICHI, Nikko yozai, Nisshin, Nippori kako, Hardlock, Hikari Slotter, VSN, Misumi, Miyake kogyo, Meihan Sports Land, Yamato kogyo, Yamamoto Kinzoku, Yutaka giken, Wako Chemical



21 Nihon Automobile College

Team Members

(CP)Hiroki Sugawara(FA)Hidenobu Hayashi(FA2)Mitsunori Yabe(FA3)Makoto Kanai(FA4) Yuichi Yamazaki(FA5)Yoshiyuki Shimoniida(FA6)Yuichi Uwai(FA7)Yasuhiro Sato(FA8)Hiroki Ookawa(FA9)Jyunya Ebihara(MBR)Sotaro Yamashita, Naoki Furutaka, Yuta Takiguchi, Kazuki Kawai, Ryutarou Naganuma, Fumiaki Yoshino, Yutarou Nakai, Yasuyuki Miyachi, Tomoya Yamamoto, Yuta Sato, Takahiro Iijima, Manami Yoshii, Masayuki Tsuyuki, Yuki Yaginuma, Tsukasa Saikawa, Joji Yamaguchi, Shu Suzuki, Keita Saito, Washindo Sekiya, Akira Murakami, Yuta Yamada, Fumio Teruya, Yusuke Doi, Syota Kaburagi, Gin Nushima, Ryusuke Matsumoto, Hirotsugu Numayama, Tsubasa Matsumoto, Soshi Sasaki, Takuya Naito

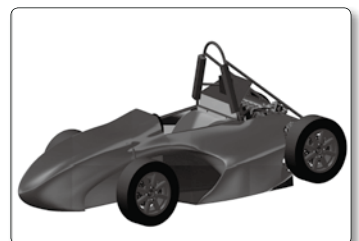
Car Features and Team Aspirations

"The Victory" is our target for this year. As a competitor, we will enter the competition with aiming the first place. Compared with the previous year, the vehicle features its compactness, and adapting the newly designed high rigidity frame, so it is expected that its driving

performance will be improved.

Team Sponsors

Honda Motor, TMC, WAKO CHEMICAL, NISSAN PARTS CHIBA SALES, WFN, R-A, Software Cradle, RS-Watanabe, Moriawaki Engineering, WEST RACING CARS, IRS, KINOKUNI Enterprise, AVO / MoTeC JAPAN, RAC



22 Shizuoka University

Team Members

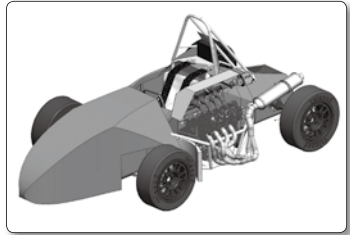
(CP)Junki Sumiyama(FA)Mitsuhiro Fukuta(MBR)Kazuya Masuda,Noritaka Kimura,Hiroto Takayanagi,Daiki Goto,Shohei Sakata,Keita Suzuki,Tomonari Nebashi,Yuki Miyasaka,Motohiro Kawamori,Shohei Takahashi,Sayaka Nishimura,Takuma Tsuchimoto,Masahito Watahiki,Hayato Sakai,Tomosuke Kurita,Naoto Watanabe,Hidetoshi Motoki,Shinji Sano,Takuya Kibune,Yukio Nakazawa,Kazuki Okada,Masahiro Iwao,Yoshiyuki Yamamoto,Megumi Anzai,Mamoru Shibata,Shintaro Hiragi

Car Features and Team Aspirations

With the concept of "improvement of acceleration & turning performance", while continuing the traditional side engine layout, we have developed the machine given a carbon monocoque frame in the second year. We are aiming for the podium with the machine with a difference of other schools.

Team Sponsors

R's RACING SERVICE,AKOYA HIGH TECH,Asahi KASEI,UMEZAWA CHUKOU,NATSUME RACING SERVICE,NMB Mibebea, OMRON,Kato Cam Giken,KANEKO GEAR,cyan,CYBERNET,SHITORO SOGYO,SHIMIZU MATERIAL,SHOWA AIRCRAFT INDUSTRY,SHINBA IRON WORKS,Shin Nippon Tokki,SUZUKI,SUZUKI WORLD HAMAMATSU,SUMITOMO DENSO,Solid Works,Dow,DAYTONA,TOHNICHI,T-CEC,TOYO SOKKI,TOMS,NICOLE MARKETING,NIPPON LOCK,HAMAMATSU DAIICHI TOSOU,Hamamatsu Active Machine Industry Organization,FUKAI,FUJITA,Henkel,MARUICHI,MARUTSU DENPA,MISUMI,Mooncraft,MOTOR PARK Quick,RAVS,WAKO'S,ANSYS,AVO / MoTec JAPAN, Hoosier Racing,Tire Crop,O.Z S.p.A



23 University of Fukui

Team Members

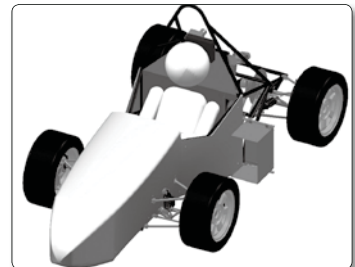
(CP)Kota Takata(FA)Masanori Shintani(MBR)Yutaro Maezima,Akiyoshi Takami,Ryoushuke Kondo,Masataka Odake,Shin Aoyama,Yuhsuke Yamoto,Yuta Suzuki,Syungo Yoshimura,Ryo Takakuta,Syuntaro Fujikawa,Yasuo Fukui,Hirokato Yamamoto

Car Features and Team Aspirations

The vehicle was designed based on the concept of "Pleasure" and we were improved the comprehensive strength of the vehicle in accordance with this concept. Our goal is to make the top finishers in the tournament. Therefore, we aim to acquire a high score in the static events not only to finish in the dynamic events.

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, TECHNOL Japon K.K, Nissan 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



24 Nagoya Institute of Technology

Team Members

(CP)Makoto Kuroyanagi(FA)Kazuhiko Kitamura(FA2)Yoziro Ishino(FA3)Ikuya Hujii(MBR)Kazuya Kawai,Hiroaki Inoue,Akiyoshi Endo,Yusuke Sawaki,Taro Yoshida,Toshihiko Mishima,Yusuke Yamauchi,Omi Sakai,Yasura Dodo,Yuya Yogo,Kazuki Ooura,Ryohei Kanamori,Takaaki Kawakami,Kesuke Yamada,Kimihiro Nagase,Takuya Kataoka,Yutaka Nakamura,Shingo Maeda,Yoshiki Matsumoto

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,Aluminium Craft of Celerity,Idemitsu Kosan,Iwakura Radiator Syokai,NTN Corporation, fc-design,F.C.C.,Ohtsuka Seisakusho,Okajima Pipe,Kato Gear Seisakusyo,Kikuchi Sheet,KYOWA KOGYO,Kyowa Electronic Instruments, Kunimi Commerce,CROWN DRIVING SCHOOL,KURE Engineering,KOTA CIRCUIT YRP KIRIYAMA,Sakura Industries,Shinano,Single Heart,SHINBORI,SUZUKI MOTOR CORPORATION,SUMITOMO LIGHT METAL INDUSTRIES,Sumitomo Wiring Systems,SEKISUI PLASTICS,Software Cradle,Dassault Systems Solidworks,DAIDO METAL,Daihen Welding and Mechatronics Systems,Chuo Spring,Tsuge Bender,THK,Daytona. Tomoe Meeting, NAGOYA KOUGYOUKAI,Nagoya Jushi Industry,NARITA MFG.,NISSHIN Kokan,Nitto Boseki,Blenny Giken,PLOT,Makita,MIKUNI,Mihama Circuit Kunimoto Japan,Gear Manufacture Company,Yamaha Motor



25 Tongji University

Team Members

(CP)Qiqi Miao(FA)Xinfeng Zhang(FA2)Didi Bi(MBR)Shida Liang,Qingyi Wang,Yinglu Wang,Jue Wang,Fangsi Ren,Qiang Shu,Chenlei Han,Zhizhen Zhou,Puzhi Liu,Jiang Bian,Bo Fu,Chuan Yang

Car Features and Team Aspirations

We introduced a variety of new material parts such as carbon fiber seat and aluminum sprocket, succeeding to reduce the weight by 13% to 234kg comparing with the last generation. And we introduced an open source ECU and Information integrated steering wheel to improve the performance of our car. We hope that, these features can help us receiving a better result than last year.

Team Sponsors

JTEK, Continental, Mathworks, ZF, SIC KARTWORLD



Team Members and Sponsors

26 Tokyo University of Science

Team Members

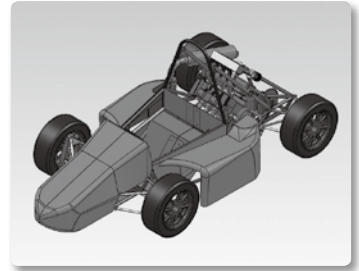
(CP)Hazuki Tomoda(FA)Yasuo Kawaguchi(FA2)Masaaki Motozawa(MBR)Ryohei Araki,Yuma Ichino,Yuji Iwakami,Tatsuya Utahara,Yuta Okubo,Shogo Tsurusaki,Masaki Naito,Hikaru Nagashi,Takahiro Bando,Shunya Kato,Junnosuke Ishida,Shintaro Arai,Hikaru Ando,Takeshi Tachikawa,Taiki Nakamura,Yoko Nakamura,Ryo Aizaki,Tomohiro Ishikawa,Susumu Endo,Ryuki Nohara,Kenta Nomura,Atsushi Makimoto,Koji Sugiyama,Takeshi Dakeshita,Yuki Tanaka,Keita Imazu

Car Features and Team Aspirations

Taking advantage of the reflection last year, it was stronger and strove for making the machine which was excellent in "driveability" this year. Acquisition of the "Automobile Manufacturers Association chairman prize" and the 25th more than place are aimed at this year also.

Team Sponsors

ms-MATUMOTO,KEIHIN,SANKEI giken kogyo,HONDA,TRUE BLUE,WIRUS WIN,SHORITSU,SUGATTI,SAKAEKOUKAN,NTN ,F.C.C,MS.software,Goodridge-Japan,TokyoR&D,Nissanspring,Nissinkogyo,Yutaka giken,NSK,SINSEIKIKO,Sumitomo wiring,Kovax,TAKATSU factory,Hakeya,KOHSHIN chemical,DOW,GH Craft,NISSIN RESIN,Nippo sangyo,Nippon Graphite Fiber,Yuasa Resin,Showa Aircraft Industry,Sports CARS,CYBERNET Systems,SOLID WORKS,NIPPON PAINT,SHOW UP ASAHI,MISUMI,Quick-Hanyu,AUTOLAND TECHNO,Tokyo University of Science workshop,Tokyo University of Science Kouyukai



27 Kurume Institute of Technology

Team Members

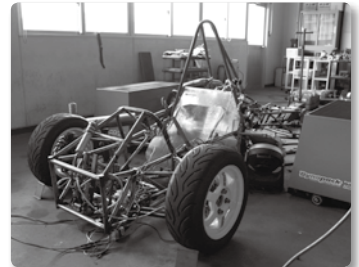
(CP)Syogo Tsuji(FA)Daisuke Azuma(FA2)Shigeru Ikeda(FA3)Kouichi Kajiyama(MBR)Akifumi Goto,Masatoshi Noyori,Shinichi Amano,Toshitora Hosoda,Hirotohi Tsutsumi,Tepei Asano,Motoki Inenaga,Taro Sugino,Kazuki Takayanagi,Takuya Haraguchi,Yuya Yamaguchi,Yutaro Bekki,Takuya Eguchi,Akira Eguchi,Ryohei Iwashita,Toshio Kyuragi,Takuma Maeda,Koji Tanaka

Car Features and Team Aspirations

We will celebrate the sixth year of participation.Vehicle concept is "Pursuit of maneuverability". By adopting the inboard rear brakes, the smaller frame, we realized weight reduction. Finishing all competition,we aim to achieve our best ever result.

Team Sponsors

SUZUKI,NTN,SolidWorksJapan,B-FACTORY,WAKO Chemical,Yasunaga,Nishijima sheet metal industry,Moriwaki Engineering,VSN,DUNLOP,Tokyo R&D,MISUMI,MORITA HOLDINGS,MIYACO HYDRAULIC BRAKE,HURRICANE,KYOWA KOGYO,HI-LEX CORPORATION,FCdesign,BURIAL Service,AVO/MoTeC JAPAN,RAYS,NIFCO,G.R.CRAFT,LEARS,Fuji Seiki,Tsurusaki Factory,Kamitsu Car rental,Nakashimada Iron factory,Sanko tack system,Tahara Body Works,Tatamiya,Ishiyama paint,Fuchigami welding,Kurume Institute of Technology Alumni Association,Kurume Drivers School,Kurume Institute of Technology,Kurume Institute of Technology Creative Factory,Kurume Institute of Technology Formula Project a graduates



28 Kobe University

Team Members

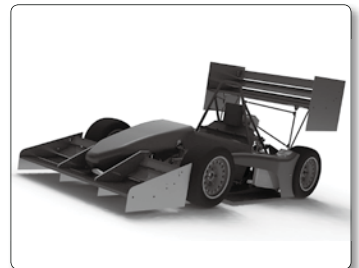
(CP)Tomoki Maeda(FA)Keiichi Shirase(FA2)Yasuyoshi Yokokouji(FA3)Hidenori Nakatsuji(MBR) Ryo Sato,Masaru Miyazaki,Kiyohito Aiba,Hayato Funahashi,Ryouta Nakao,Naoya Masada,Kenta Tabuchi,Souta Okuno,Yasuo Kyuunai,Toshio Kotou,Kenji Nonaka,Yusuke Yamazaki,Yuuya Sano

Car Features and Team Aspirations

This year we have the concept of "Good response" to reproduce the driver's envision of motion. The design target is high performance but also maintainability. So many ideas are in this vehicle. We aim single position at an overall ranking.

Team Sponsors

AMON Industries,Air Liquid Japan,NTN,NMB,NA Protec, F.C.C.,KOBELCO,NICHIRIN,TOHNICHI,MISUMI,WAKO'S, Kawasaki Heavy Industries,Kyowa Industries,KobeTechnic Club,Kobe University Faculty of Engineering Department of Mechanical Engineering,Kobe University Tools and Technology Center.KODAMA Corporation,Japan Air Gases,SUMICO LUBRICANT,Sumitomo Metal Industries,SUMITOMO ELECTRIC Industries,Sumitomo Wiring Systems,Solid Works Japan,DAITOH Radiator, DAHATSU MOTOR,Nishihara-sangyo,NISSIN KOGYO,MOT-DOG



29 Kogakuin university

Team Members

(CP)Yuta Shimizu(FA)Hiromichi Nozaki(FA2)Daigo Misaki(FA3)Takashi Saika(FA4)Takashi Yamamoto(MBR)Takatsugu Ohba,Akihisa Komatani,Namekata Goichi,Shota Murakami,Hitoshi Yoshizawa,Shin Adachi,Takafumi Yamamoto,Takuya Igusa,Naoki Kawabayashi,Shunya Kitsukawa,Takeshi Hanzaka,Taku Nagasawa,Masayuki Sakane,Yuki Nakayama,Kaoru Kimbara,Hajime Takeuchi,Ukyo Abo,Daigo Niinuma,Tomoya Ochiai,Tomohiro Nakajima,Sota Hanabusa,Yusuke Sunawaki,Naoki Yamada

Car Features and Team Aspirations

KRT12 comprises a beautiful cowl. The concept of KRT12 is "improvement of the driveability". We draw the power of the driver to the maximum and aim at within 10 place.

Team Sponsors

Honda , F.C.C , NTN , Igarashi pliers , Umeda , Enuma Chain MFG, Kanae, Kaneko MFG , KYOWA ELECTRONIC INSTRUMENTS , KJRE Engineering , Kobe Steel , KODERA MFG , SATO , SANKYO RADIATOR , SANWA Electric Instrument , SUSA Seisakusho , Stainless shoji , Sports Land YAMANASHI , THREE PEAKS GIKEN , Maxell Sllontec , ELEPHANT CHAIN BLOCK , Dow Chemical , Takamura Shoukai , THK , TOHOKU Rubber , TOOLS INT'N , Tokushu Giken Industries , TOKUNI Industries , TOP KOGYO , Nifco, HI-LEX CORPORATION , HAMMER CASTER , Fuji Seimitsu , VSN , HellermannTyton , MATSUI MEASURE MFG , MARUTO HASEGAWA KOSAKUJO , MISUMI , MITSUBISHI RAYON , RAYS , TAKATA , U-BRAIN , Kogakuin University Machine System Association



30 Hiroshima Institute of Technology

Team Members

(CP)Yuto Ikeuchi(FA)Akio Oti(FA2) isanori Nakane(MBR)Youhei Hanaki,Yukinori Hashimoto,Yuki Hayashi,Hadano Shinpei,Yasumitu Takata,Masato Hibi,Keiwa Tamura,Yoshiaki Aritome

Car Features and Team Aspirations

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

Team Sponsors

Kawasaki Heavy Industries, Dassault Systèmes, SolidWorks, FC Design, Hiroshima Institute of Technology, SPORTS LAND TAMADA, VSN, NTN, Abebe cafeteria, Leaf Garden



31 University of Yamanashi

Team Members

(CP)Takashi Uchiyama(FA)Hiroyuki Tsunoda(FA2)Tsutomu Tanzawa(MBR)Rikiya Matsuno,Naoto Sasaki,Kazuhide Bushimata,Hiroki Hachisuka,Keita Katsumata,Hikomitsu Sunahara,Shouta Nishizawa,Kento Osada,Hiroataka Hashimoto,Kouta Aoki,Kazuki Nakamura,Takahiro Kishi,Taiki Kurobe,Takanori Shirakawa,Mina Kato,Kanako Ando,Miyu Watanabe,Kouhei Oba,Munehiro Fujita

Car Features and Team Aspirations

Shingen 12 was redesigned with the goal of improving its reliability as a whole, in addition to weight reduction and improvement of driveability. By achieving satisfactory results in the dynamic events, we aim for the podium.

Team Sponsors

AZ Yamanashi circuit,Are industry Maki,West Racing Cars,EIKO,F.C.C,Kinokuni Enterprise,KLIF,Kokoku intech,Sankin,Shinba iron works,SUZUKI,SolidWorks Japan,T.RAD,Nakamura factory BigmachineWorks,Nittetsu-steelpipe,JAPAN SUN OIL,HILEX,Future's Craft,Fujikawa industry,Taiyakan Yamanashi,MISUMI,T.M.WORKS,MOTORism,University of Yamanashi Center for Creative Technology



33 Osaka Sangyo University

Team Members

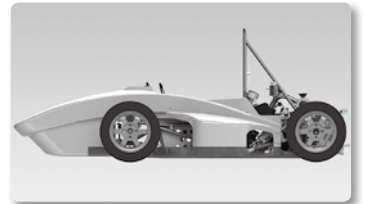
(CP)Yoshikazu Motone(FA)Hiroyuki Ueda(FA2)Takashi Maruyama(MBR)Shohei Yamaguchi,Shin Konishi,Tomoki Sumimoto,Takeshi Otani,Kandai Urayama,Takumi Yoshioka,Naoki Yokoyama,Takuya Matsumoto,Junichi Inoue,Kohei Terachi,Akira Tomogane,Daiki Horiguchi,Kaoru Ota

Car Features and Team Aspirations

This year, under the concept of "normal evolution", we made efforts to improve vehicle performance by optimizing the body strength and rigidity. We aim to achieve the top 10 overall.

Team Sponsors

Kawasaki,RS TAICHI,Ueda,NTN,F.C.C,Kuni Chemical,Sanwa Plating industry,Sunayama plant,Sportsland ikoma,Sumitomo Wiring Systems,SuwaLinks,SolidWorks,Daizo Nichimoly,Daito Radiator industries,Daihatsu Motor,Takata,Tani iron works,Nissin industrial,Matsuda,Misumi,Megatech,Moriyasu iron works,RAYS,Wako Chemical,Osaka Sangyo University



34 Osaka Institute of Technology

Team Members

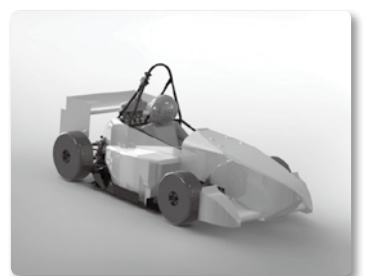
(CP)Shutarō Yamada(FA)Naoki Ogawa(MBR)Ikuya Aotani,Masaki Yamase,Syota Takigawa,Ryo Kashihara,Hiroshi Ikawa,Toru Ueno,Takahiro Ueda,Hiroshi Fukutsuka,Naoshi Imakita,Yuji Mizutani,Masayuki Nagao,Ken Takada,Kenta Takai,Katutarō Mukunoki,Tukahara Hiroaki,Youhei Maeda,Satoshi Ueno,Hirohumi Sugimoto,Akira Sato

Car Features and Team Aspirations

Our machine had accomplished massive evolution in order to revenge for retirement in the endurance contest last year. We aiming for the synthesis 20's by evolved REG05 .

Team Sponsors

SUZUKI,SolidWorks Japan,NTN,NISSIN KOGYOU,MISUMI,BRB,KYOWA KOGYO,RAC,RAYS WHEELS,O.I.T MONOLAB.



Team Members and Sponsors

35 Kanazawa Institute of Technology

Team Members

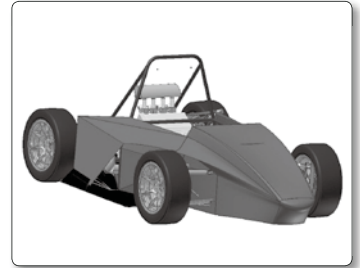
(CP)Kyoichi Yamasaki(FA)Yoshikazu Tsukamoto(MBR)Akamatsu Yuki,Kei Andoh,Miki Kamihashi,Hironichi Tanigawa,Hironori Iino,Keita Sasaki,Masaki Kano,Akihiro Nakajima,Kenya Nishiaki,Shiori Morimatsu,Kyoichi Yamasaki,Masaya Wade,Shota Katada,Atsushi Hayashi,Takuma Nakamura,Yusuke Shigeyoshi,Takuma Chadani,Tatsuya Taniguchi,Shotaro Horibe,Shodai Otsuka,Aya Shintani,Shin Uchida,Tsuyoshi Konno,Masashi Kano,Kota Komuro,Hiroto Sakai,Koichi Saji,Kenichiro Sadahiro,Keito Takeuchi,Ryo Tamada,Akira Nigorisawa,Keiichiro Nahazawa,Takuya Nitta,Yuki Kakinuma,Ryota Taniguchi,Tomohiro Suzuki,Kohei Wakisaka

Car Features and Team Aspirations

The main concept of KIT-12model is "Basic performance upgrading". It is continued from last year, and we pursue the goal of lighter and a low center of gravity. We did not finish endurance in the 9th competition. Therefore we pursue the goal of completing the all-dynamic events.

Team Sponsors

AKIRAX,IMAMURA FRICTION WELDING,S-GRID,NTN, Kusajima Radiator Works,SUZUKI,TAN-El-SYA,DAIDO KOGYO,TOLAP,NAOX,Nissin Kogyo,MISUMI,LA STRADA



36 Hokkaido University

Team Members

(CP)Takuya Kuni(FA)Takemi Chikahisa(FA2)Hideyuki Ogawa(FA3)Gen Shibata(FA4)Yutaka Tabe(MBR)Kazuki Watanabe,Shuichi Miyashita,Shota Watanabe,Ken Terakawa,Shota Kameyama,Masahiro Yasuda,Mitsuhiko Kondo,Yushi Shibaike,Keisuke Kuroda,Kai Yamada,Kenta Toda

Car Features and Team Aspirations

This year's machine concept is "UNITY". The machine has not only the ease of maintenance but also high potential which brings driver a feeling of unity. We aim victory at this competition with this machine.

Team Sponsors

APP,Arakawa Radiator Works,ASSIST,AVO/MoTeC Japan,BOSCH,CUSCO Sapporo,DYNAX,early tech, F.C.C.,GoPro NIPPON,HOKKAIDO SHEARING, Hokkaido University Faculty of Engineering,HONDA,INTERCEPTOR,ISS HOKKAIDO,KYOWA,M-Cubic,Minebea,MISUMI,MOTUL,New Chitose Motor Land,NISSIN,RS Watanabe,SHINBA IRON WORKS,SODA'S FACTORY,SolidWorks Japan,Sugimoto Kinzoku,Taiheiyō Ferry,TE Connectivity,TONE,TOYOTA Rent a Car SAPPORO,YUTAKA,Workshop of Hokkaido University,WORLD YAMAUCHI



37 Okayama University

Team Members

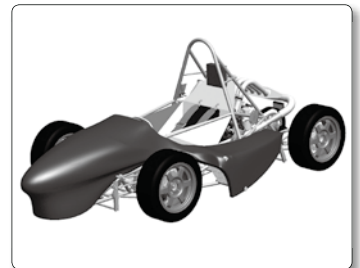
(CP)Tomohiro Takekuni(FA)Nobuyuki Kawahara(FA2)Hiroshi Kinoshita(FA3)Yoshihiko Tamura(FA4)Koji Tabuchi(FA5)Isao Yamane(MBR)Takayuki Kusumi,Kouki Kawai,Shinya Hatakeyama,Masataka Morita,Shota Hashimoto,Ryo Yukimasa,Hiroki Imori,Keisuke Nagata,Yuki Kono

Car Features and Team Aspirations

This year's vehicle was developed aiming to improve not only kinematical performance but also driveability, manufacture and maintainability. This year we finish all the events, we aim to top overall.

Team Sponsors

Uchiyama Manufacturing,Kawasaki Heavy Industries, Okayama International Circuit,Okudaira Pipe Kogyo,NTN,Suzuki,Mitsubishi Motors,Nissin Kogyo, SolidWorks,TECHNOIL JAPAN,Misumi,AVO/MoTeC Japan,Amon Industry,Sumitomo Wiring Systems,Ishihawa Radiator,RAYS,F.C.C.,KYOWA KOGYO,DAIHATSU MOTOR,FC Design,TOHNICHI Manufacturing,SUMICO LUBRICANT,Works BELL,Sanyo Resin Industries,MIKUNI INDUSTRY,Okayama Institute of Science and Technology, K-MAX SPEED,KURASHIKI KAKO,OSG,NIPPON RENT A CAR, La Strada,DENSO,PLOT,PLUS-myu,Antlion,TAKE-OFF,Rideon Okayama,Nissin-Kikai,TOYO CORK MANUFACTURING,Fukushima Kako,FACULTY OF ENGINEERING OKAYAMA UNIVERSITY,Creative engineering tool center OKAYAMA UNIVERSITY



38 Meijo University

Team Members

(CP)Mitunobu Ando(FA)Hidetoshi Hayafuji(MBR)Toshihiro Ichise,Haruyoshi Yamamoto,Shoji Sugiyama,Ryo Teshigawara,Ayumi Wakebe,Takuya Noguchi,Syunsuke Kimata,Takuya Watanabe,Ryosuke Iwasa,Shun Hasegawa,Ryosuke Hirasawa,Hiroki Aoyama,Masahide Ono,Masami Sato,Sayana Adachi,Yuta Inoue,Takafumi Sakuma,Yasuhiro Iwata,Koichi Orino,Yuki Mori,Tatsuya Miyanoue,Rie Kasugai,Toshiaki Kato,Yuichi Inda,Yasuaki Kato,Kazuki Sakurayama,Jukai Naganuma,Hiroya Ukai

Car Features and Team Aspirations

Our Team Vehicle's concept is "standard specification up". So we try to update and adjust to previous vehicle. And our team is aiming at complete all events and working hard.

Team Sponsors

YAMAHA,DAD,CAST,Fcdesign,SANWA PLATING INDUSTRY,NISSIN,YOSHIMURA JAPAN,RS Watanabe,NTN,DID,SANGO,WADA WELDING,AMAKI MACHINERYWORKS,Rainbow Sports Kart Course,CHUHATSU,MINARO,SOFTPREN,YAMATO,NICHIRIN,INOUE BORLING, TESHIMA,Solid Works Japan,MISUMI,Mr.TIREMAN Nissin Store,WAKO'S,KYOWA



39 Osaka City University

Team Members

(CP)Shingo Hayashi(FA)Tadao Kawai(FA2)Atsushi Imazu(MBR)Tomohiro Minami,Hiroki Tanaka,Shuhei Ishida,Tatsuya Yoshikawa,Kazuhiro Iwai,Tomoaki Mitsuhashi,Yuichiro Hashimoto,Akitaka Murai,Yusuke Hatano,Ryuji Ozawa,Tatsuya Wakimura,Masashi Kubota

Car Features and Team Aspirations

We designed our racing car giving importance to driving stability. We make effort to complete our goals and to get 20th rank.

Team Sponsors

Exedy,ABC shokai,F.C.C.,AMON,Kawasaki,KEEPER, KITACO,KINOKUNI Enterprise,KYOSEI,KYOWA KOGYO,KEIHIN,Satsuma Precision,SANSTAR,Shigemi Seisakusho,SHOWA DENKO,SUEKAGE TOOL,Sumitomo Metal Industries,Sumitomo Wiring Systems,SolidWorks Japan,Tiger Seisakusho,Daito Radiator,DID,DAIHATSU, DAIHEN,TUNGALOY,Tokyo Sokki Kenkyujo,TOKUSHIMA CAM,TOYOTA Rental & Lease Osaka,Nakamichi Kosasusho,NISSIN KOGYO,Nittobo,BEET,Merichi Gas,Noguchi Shoukai,Hakuyo Engineering,HAYASHI RACING,Fuji Seimitsu,PLOT,Bosch,MISUMI,Holts,MORIS HIN INDUSTRIES,Yamawaki Sangyo,Lenovo,WAKO'S,GS YUASA,IDAJ,NTN,SPEED SHOP JIRO,THK,Osaka City University Associates



40 Toyohashi University of Technology

Team Members

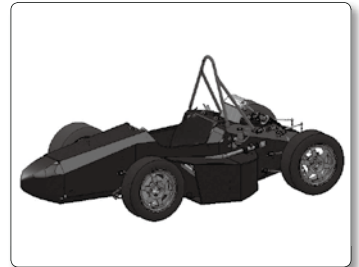
(CP)Shohei Shiraki(FA)Hideki Yanada(FA2)Toshiaki Yasui(MBR)Shinri Yamada,Yosuke Akamatsu,Koki Yachinaka,Naoto Inoue,Ryosuke Tanaka,Kohei Yoshida,Midori Takaoka,Hirokazu Takano,Yusuke Matsui,Yushi Araki,Ryuji Kanaya,Kohei Nishino,Takashi Noro,Shin Kadekawa,Harumo Sasatake,Akifumi Shikano,Daiki Itokazu,Yuya Uchida,Katsura Iwamoto,Kei Kato,Hao Xu,Keisuke Yamada,Yuji Sano,Yuichiro Shimizu,Yoki Yamazaki,Shota Yonemaru

Car Features and Team Aspirations

We have produced a lightweight vehicle by making many parts including monocoque with CFRP. 80 percent of all the parts were made by us. We aim at entering within sixth place in the total score with our vehicle.

Team Sponsors

Musashi Seimitsu Industry,CDS,Mitsubishi Rayon,HONDA,YURAKU CONFECTIONERY,JAPAN INSULATION,Yutaka Giken,Kyoritu Sangyo,Huntsman Japan,Henkel Japan,SHOWA AIRCRAFT INDUSTRY, HOEI Industrial,DAIDO AMISTAR,OFA,WAKO CHEMICAL,NTN,MISUMI,Sumitomo Wiring Systems, SolidWorks Japan,CYBERNET SYSTEMS,ANSYS JAPAN,WINKS,Mitsubishi Materials,OSG,Fuji Seimitsu,SAIMA,TOPY INDUSTRIES,Nippon POP Rivets and Fasteners,Tsugepurasesu,ACROSS,ENUMA CHAIN,Mr-Tireman Toyohashi,YSP South Toyohashi,NEXT,ITO RACING SERVICE,TAMATSUURA PATTERN,RENT,Information and Media Center(on Campus),Cooperative Research Facility Center(on Campus),Research Center for Future Vehicle City



41 Institute of Technologists

Team Members

(CP)Kenta Yamamoto(FA)Kaoru Hara(FA2)Minoru Mitsui(MBR)Soichiro Goto,Tsubasa Katsumoto,Takumi Imano,Syogo Horiguchi,Akihiro Shiochi,Naoki Hayamizu,Toshinori Arai,Akihiko Oyoshi,Keta Yanagisawa,Rina Kiuchi,Yu Takahashi,Eichi Muramatsu,Takuya Sugiura,Tomoaki Kawamura

Car Features and Team Aspirations

We adopted 2 unit-frame of 'MONO Racing MF series' tradition at current year. Considering rate of in-house production and quality, all team members will cooperate with each other and try to win a higher prize.

Team Sponsors

Alpha Bug, NTN, Ehara Oxygen, F.C.C., Motors Okada, Quick Hanyu, SACLAM, Studio GIA, Solid Works Japan, Tire Selection Fukiage, Toyota Rentalease Saitama, Motorcycle staff ARIE, Fuji Seimitsu, Honda Motor, MISUMI



42 Shizuoka Institute of Science and Technology

Team Members

(CP)Hiroataka Nozue(FA)Shinji Takabayashi(MBR)Yuta Ohashi,Kei Sonoda,Ryuya Sano,Akihiro Murata,Takuya Tokita,Takafumi Oi,Masami Kaihara,Junichi Aoki,Koji Mihara,Wataru Suzuki,Kento Yamamoto,Mami Kawada,Kumiko Miyano,Hirohito Oba,Ayako Oki,Yusuke Kato,Yusuke Toyama,Yusuke Yanagida,Kazufumi Suzuki,Tatsuaki Satou,Yuto Chizuwa

Car Features and Team Aspirations

As with the previous year, aimed at the design of the machine with an emphasis on low-speed cornering while. This time, to finish the endurance. Then, top finishers.

Team Sponsors

SUZUKI,SHINBA IRON WORKS,igus,FUJI XEROX,Belle Carriere,OGUSU,UNIVANCE,Torii car factory,UNICRAFT, Suzuyo,TOSHIBA,SolidWorks JAPAN,SHOEI,NSKWaner,NTN, DID,AVO/MoTeC JAPAN,Sumitomo Wiring Systems, OETIKER JAPAN,FUKAI MFG,Seiki-Monozukuri Laboratory



Team Members and Sponsors

43 Kanazawa University

Team Members

(CP)Kazushige Kuroda(FA)Noboru Hieda(MBR)Tsubasa Takagi,Toru Hanagata,Takumi Oku,Masahiro Sasao,Kouhei Mitsushima,Soichiro Murai,Yuta Hayashi,Masaki Inokuchi,Kousuke Nishioka,Koudai Yano,Ryousuke Shimozawa,Shinnosuke Yoneda,Kazuya lwata,Taku Nakajima,Takahiko Ootake,Nozomi Manji,Masato Suzuki

Car Features and Team Aspirations

The vehicle concept is "Basic Formula".Our machine is faithfully designed to the foundations of a formula car and demonstrate power at high efficiency. We'll avenge our loss to them in last year's competition that our machine couldn't run and we'll win a prize of the 10th place of synthesis this year.

Team Sponsors

ALINCO,ALTECHNO, RS.SANSAI, 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



44 Gifu University

Team Members

(CP)Kazuya Takenaka(FA)Tadayosi Ihara(MBR)Takeaki Ohya,Daiju Katayama,Masato Mori,Mineto Sagou,Yuuki Mori,Yuuki Wada,Yuusuke Nakayama,Ayano Tsuruta,Takahumi Tsutumi

Car Features and Team Aspirations

The concept of GFR012 is "reliability". Target performance is Acceleration 4.5 seconds, Skid-Pad 5.3 second.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. We complete a "reliable" machine and aim at 600 synthesis and above the 10th place.

Team Sponsors

SUZUKI,SHINBA IRON WORKS,MISUMI,SolidWorks, Sumitomo Wiring Systems,NTN,OGUMA MFG,EST TECNICA, Out Sourcing Central,IWATA MFG,DAIDO AMISTAR, RYOKI TOOL,TRINITY, Gifu NANKAI BUHIN,tsuge-purasessu, SUGIYAMA,FUKUDASEIKO,Pivot,Nabeya Bi-tech,Amaki Machine Works,UMEOKA,CCI,FURUKAWA BATTERY, Hattori Yousetu,MAKITA,Pacific Industrial,KONDO KAGAKU,ABC,Minaro,Katano



45 Hiroshima University

Team Members

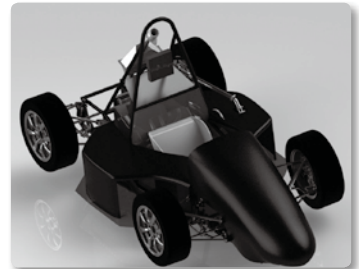
(CP)Kazuki Fujiwara(FA)Keiya Nishida(FA2)Hiroshi Hamasaki(FA3)Tsuneo Morioka(MBR) Naoya Kodama,Yosuke Kawamura,Yuto Kojima,Sachio Watanabe,Ryosuke Miyazaki,Humiaki Tamashiro,Keiji Masuda,Shunsuke Takaya,Asuka Hayashi,Takuya Kokabu,Soichiro Ikeno,Hiroshi Oguni,Ryutarō Matsuda,Koji Ohama,Takahiro Kawamoto

Car Features and Team Aspirations

We intended to manufacture our vehicle early and make it runs certainly by limiting improving points from last year. Last 2 competition, we were not able to accomplish the complete running of all the dynamic events. Therefore, we aim at carrying it through and winning a higher prize this year.

Team Sponsors

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



46 Saitama Institute of Technology

Team Members

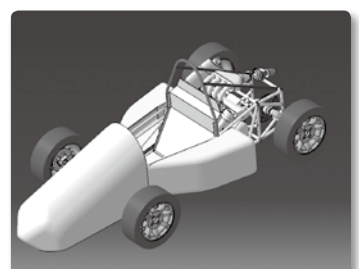
(CP)Shota Shimokata(FA)Alan Hase(FA2)Masaru Enomoto(FA3)Shinsuke Nakajima(MBR)Kazuki Shimizu,Atushi Kurosawa,Suguru Hatanaka,Daichi Tonegawa,Takuya Asaumi,Tomohiro Maruyama,Takuya Okamoto,Hiroki Henmi,Kenzou Hosaka,Ryosuke Furusawa,Kaito Matuzaka

Car Features and Team Aspirations

The concept of vehicle this year is "Function Machine", lost the most useless possible place and planned a weight saving and cost reduction. Moreover, since an automobile inspection was not able to pass smoothly in the last year, we will enable it to pass at once and carry out all the events, aiming at higher rank this year.

Team Sponsors

NTN,Deep Stage,Racing Service Watanabe,Saisan,Yunion, Terada,Nissin Kogyo,Shindoh,Yoshida Seiki,Takami Buhin Syoukai,FCdesign,Saitama Institute of Technology Support Association



47 *Honda Technical College Kansai*

Team Members

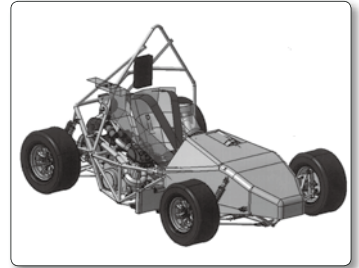
(CP)Kohei Tarukado(FA)Tadayoshi Nakamura(FA2)Kunihiko Jintsu(MBR)Ryo Yoshida,Mizuki Kitayama,Hiroaki Kobayashi,Kazuki Kinoshita,Yuya Kono,Kengo Teshima,Takuya Hanaoka,Yuta Takemoto,Yuya Omichi,Shuuhei Karata,Takahito Nishiguchi,Masato Ide,Yugo Ueda,Youto Ohki

Car Features and Team Aspirations

We are aiming at the machine which is "compact", "stabilization"and "controlable". And we hope the pleasure of motor sports is told to everybody by our machine. We aim at running the race by all competitions and the best result of single cylinder engine machine.

Team Sponsors

Honda Motor, NISSIN KOGYO, SHINEIGIKEN, HI-LEX CORPORATION, FUKAI MFG, F.C.C.



48 *Osaka Prefecture University*

Team Members

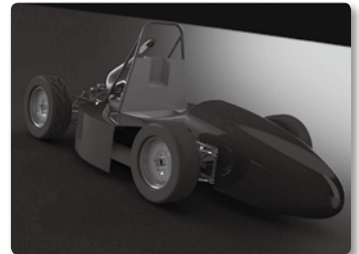
(CP)Hirokazu Saito(FA)Kenichi Kaneko(FA2)Kazunori Watanabe(FA3)Nobuhiro Sugimura(MBR) Aikazu Okamoto,Atsushi Takahashi,Tatsuya Kitahara,Kawaguchi Takashi

Car Features and Team Aspirations

Our new machine concept is the "Reliability". We aim at completing all events and getting low-number!

Team Sponsors

IDASHOTEN, West Racing Cars, S-SHOP Design FCC, FCDdesign, NTN, Oohashi-Tyres, Kawasaki Heavy Industries, Kitaco, Kinokuni Enterprize, Kuwahara International, Keihin, Koizumi Factory, Sanai, Sunstar, Sumitomo Pipe & Tube, Sumitomo Wiring Systems, Solidworks Japan, Daito Radiator, Daihatsu, Tohnicchi, Toyama Motors, Trial, Nissin, Harima , HI-LEX Bisan, Nansei, Misumi , Yamamoto Techno



49 *Honda Technical College Kanto*

Team Members

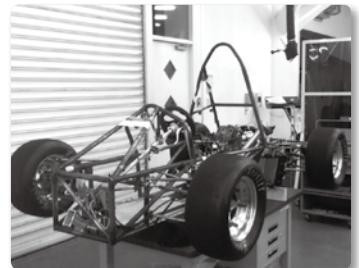
(CP)Mahiru Nishimura(FA)Masashi Sugita(FA2)Atushi Norihara(MBR)Kento Yamamoto,Sachio Miyoshi,Tosiyuki Haneda,Takuya Hosoya,Keiichi Tsukamoto,Takuya Tsukagoshi,Ryo Nakazawa,Takuya Kobayashi,Taiki Mori,Naohiro Takahashi,Kai Sato,Shota Tanaka,Yusuke Suzuki,Yuya Midorikawa,Shogo Maeda,Kazushige Nakazima,Dai Saito,Takuya Watanabe,Yosuke Igarashi,Yoshihiro Kai,Jin Nakasa

Car Features and Team Aspirations

Our team uses a CRF450 engine from generation, and has produced a lightweight machine. Takes over the making of seniors this year, we aim Top10 and the lightest machine tournament staff work together. Thank you.

Team Sponsors

Takata,FUKAI Manufacturing,NISSIN Kogyo,F.C.C,THK,DAIDO METAL,GS Yuasa Battery,Solidworks Japan



50 *Tottori University*

Team Members

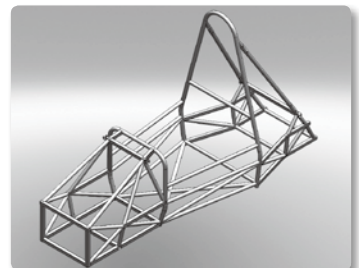
(CP)Ryutaro Hata(FA)Naoki Kawamura(MBR)Yusuke Noda,Yusuke Ogasawara,Taichi Kanazawa,Kiyomi Ishioka,Tatsuya Teshima,Nakamura Kousuke,Daiki Takeuchi,Ryoutarou Higashi,Kouki Nakatsukasa,Yuki Ishii,Taishi Haraguchi,Kenta Niinai

Car Features and Team Aspirations

We have hit the production aims to improve vehicle driveability and improved turning performance. This year we will do our best to improve ranking by finishing all the events.

Team Sponsors

KAWASAKI,F.C.C,NTN,NISSIN,SolidWorks Japan,THK, MISUMI,TIRESHOPT2,Limparts



Team Members and Sponsors

51 Meisei University

Team Members

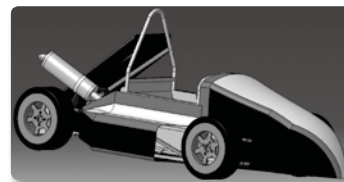
(CP)Yuki Shiroshita(FA)Nobuaki Kamei(FA2)Takahito Kawahara(FA3)Tomoyuki Ishii(FA4)Tsuneo Egawa(FA5)Masayuki Miyamoto(MBR)Yuya Ooyagi,Yukihiro Kato,Tatsuya Kawamura,Ryouhei Satou,Ryouyusuke Hiroe,Ippeii Manabe,Daiki Goto,Kenta Tomiya,Manabu Matunaga,Daiki Yamada,Masahiro Yamano,Yuya Ishii,Yasuhiro Tsutsui,Kousuke Akiyama,Kazunori Inoue

Car Features and Team Aspirations

The key concept of this year is "first driver". The vehicle was produced in a slightly larger size to improve the driveability and maintainability. We aim at higher than 15th place that we were not able to achieve last year.

Team Sponsors

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



52 Setsunan University

Team Members

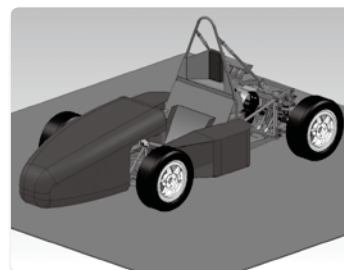
(CP)Takuma Sato(FA)Masaaki Horie(FA2)Toshiki Kuwata(MBR)Tomohiro Sakamoto,Ryouta Ono,Kazutaka Fujine,Kohei Kitagawa,Shohei Kitano,Kouki Akiyama,Naoki Ihira,Ryo Fujioka,Naoki Tsujita,Takahiro Ito,Noriyuki Kawabata,Shun Asano,Naruto Igarashi,Yuta Tokumasu,Yoshishige Takenaka,Taiga Bamba,Ryuji Takahasi,Syota Sato,Takahiko Sano

Car Features and Team Aspirations

The body of this year, the production was aimed at the body made of a very high maintainability. This year we are aiming to finish all the events.

Team Sponsors

Suzuki,Solid Works,NTN,Rays,West Racing Cars,FC Design,Cooling Door,VSN,Support Group Setsunan University,Department of Mechanical OB Setsunan University



53 Aso College of Automotive Engineering and Technology

Team Members

(CP)Hiroki Yamasaki(FA)Takahito Nagae(FA2)Junichi Sakurai(MBR)Kenta Tsuji,Teramoto Kenta,Tatsuhiro Fukuchi,Masuo Onizuka,Daichi Hashimoto,Murayama Tomoki,Yoshitaka Sato,Masaya Higuchi

Car Features and Team Aspirations

Theme of this year's vehicle is a car easy to drive. Our goal is to finish all the events.

Team Sponsors

SUZUKI, YOU.1 DESIGN,Wako-Chemical,TEAM MACH ,Solidworks,Nankaibuhin,TONE Tool,RAYS,TOYOTA KYUSHU,KARRSPORT Bravo!,Nikkenjusi-Kakou,Mizukami-Seisakujyo,DYNOJET Kyushu WEST,KIWAHARA,kinokuni,F. C.C.,NTN,MARUICHI,Minebea,TAKATA,SEIWA,ASO COLLEGE OF AUTOMOTIVE ENGINEERING AND TECHNOLOGY



55 Seikei University

Team Members

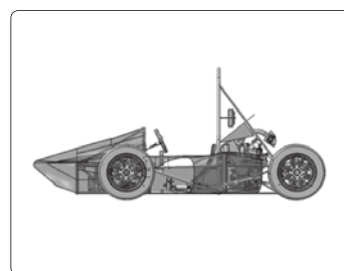
(CP)Keisuke Honda(FA)Junji Horiguchi(FA2)Michinori Sato(MBR)Asako Yasui,Shintaro Sekine,Shogo Usuda,Kazunori Shinoda,Kousuke Suzuki,Shohei Fukao,Akihide Shigihara,Hiroki Akahane,Ryo Inoue,Kazuki Hiratsuka,Chihiro Kobayashi,Kohei Osono, Ryo Hasegawa, Mamoru Noguchi,Yoshihiko Asano,Yuya Furukawa,Shusuke Okita,Makoto Matsuda,Taiga Kawaguchi,Kenta Takahashi,Masatoshi Izu,Kota Suzumura,Fuminori Ashikawa,Yudai Zakouji,Takako Kai,Rei Kitano,Suguru Negishi,Shun Nakamura

Car Features and Team Aspirations

Concept of the vehicle this year is "normal evolution". We have tried to improve reliability in the design, driving performance, usability of the driver. We also challenged to design an electricshifter.

Team Sponsors

Isseinsatsu, Ebizuka orthopedic clinic, F.C.C., Kazuma Sports, Kinokuni Enterprise, Kyowa, Showa Highpolymer, SWS, Zero One, Dow Chemical, Honpo Connection, Radiator Northeast, Total Lubricants, Japan, Mitaka Naps, Nissin Kogyo, Honda Motor, Nittobo, Niitaka Gear, Niifo, Formula Land La-Hanno, Bridgestone, Maekawa Testing Machine, Morishin, Misumi, Musashisakai Driving School, Murakami, Moriya shoten, Yutakagiken, Watanabe, Auto Parts Service, KAMIYA HAIR CLINIC, NTN, RPM, THK, Faculty of Engineering Alumni Association SEIKEIKAI, Seikei University, Faculty of Science and Technology



56 Okayama University of Science

Team Members

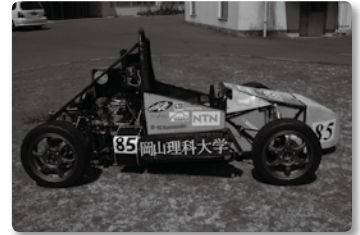
(CP)Takumi Sawai(FA)Toshiaki Kaneda(MBR)Ryousei Sugata,Takuya Nagahiro,Masato Hirano,Fujiwara Shun

Car Features and Team Aspirations

The team of us which become two year of race entry into the competition this year tackled for this one year, aiming at completing the all events which wasn't accomplished in the previous race. This year machine is lightened to meet our concept and we are aiming at a higher rank.

Team Sponsors

Kawasaki,NISSIN,THK,SolidWorks,SHIN,NTN,MISUMI,DAIHATSU,Okayama International Circuit,NIPPON Rent-A-Car,NissinKikai



57 Aoyama Gakuin University

Team Members

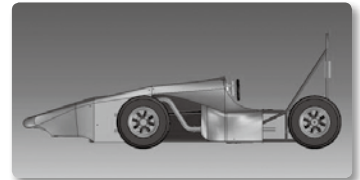
(CP)Takayuki Tomita(FA)Koichi Hayashi(FA2)Hiroshi Sakuta(MBR)Kensaku Shibasaki,Yuichi Suzuki,Keisuke Kouga,Wataru Ishikawa,Hayate Sugiyama,Yuki Toguchi,Sho Matsuo

Car Features and Team Aspirations

Our new machine for our third challenge, "AGF-03/12" took over FR layout for when the team started and was made with emphases on miniaturization and weight reduction. Our target is to complete all events with this machine.

Team Sponsors

Yamaha Motor,Denso, NTN, PTCJapan, ALTEC, INTERCAST,QUICK-hanyu,F.C.C.,MURATA, WESTRACINGCARS, ANSYS,TAKATA,KUCHIDA GEAR ENGINEERING,SAKAE-KOUKAN,NAGASE TOOL MATEX,Industry Association of Magnesium in IBARAKI,UPSHIFT,AOYAMA GAKUIN ALUMNI ASSOCIATION,GARUDA



59 Toyota Technical College Nagoya

Team Members

(CP)Takahiro Harada(FA)Tetuya Hayakawa(MBR)Toru Ando,Shingo Nishida,Masashi Yamashita,Yoshinori Sugiura,Takatosi Itou,Ryo Ito,Hidemasa Koumo,Tatsuya Furuta,Miho Ooki,Shuhei Morita,Rui Nishikawa,Haruyuki Kawai,Daichi Kashiyama,Kazuya Sugiyama,Ryou Yomura,Kentaro Iwasaki

Car Features and Team Aspirations

This year formula car concept is durability. We could not complete last year, so we complete absolutely and aim jump-up prize this year.

Team Sponsors

YAMAHA,NTN,FCC,GOOD YEAR,DAD,Aichi,Kyoyuu, IWATA FUKUSOU



60 Kokushikan University

Team Members

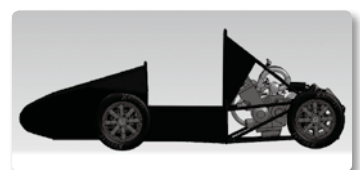
(CP)Toshitada Motoki(FA)Tomoaki Kodama(MBR)Yuuto Imai,Yoshiki Nakayama,Tomoya Kanda,Naohiro Nojima,Masahiro Suganuma,Toshiki Yamashita,Kazunori Kaisee, Lee Kwang ho, Takuto Hayashi

Car Features and Team Aspirations

We call our new machine "KU-011". The concept of this machine is "Easy Drive" and "Fabricated Speed".

Team Sponsors

HONDA,SUZUKI,ANSYS,river steel,YAGISHITA,Cals onickansei,Bridgestone,VSN,HITACHI Automotive Systems,Toyo element,M's Factory,Watanabe,TTS,MSC Software,Solid Works,Nippatsu Seimitsu Kogyo,T-RAD, DAYTONA, GOOD RIDGE,KEIHIN,AVO, City cart,WM,SARD,WAKO's,MISUMI,Mito Kogyo,Takeuchi Kasei,Yamato Kogyo,Minoru International,RK Japan,SASC,Takaishi Sekizaiten,



Team Members and Sponsors

61 VNR Vignana Jyothi Institute of Engineering and Technology

Team Members

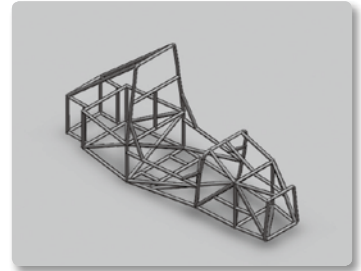
(CP)Narra Dharanidhar(FA)Mandala Venkata Ramana(MBR)Yashwanth Sri Sekhar T,B Sanjay Reddy,Surya Phani Krishna Nukala,Arumilli Abhishek,Mukul Varma P,D Ajay Kumar,K Vinay Kumar,Chejarla Bharath Avinash Reddy,M.Akhilesh,Sushant Thotakura,Vijai Chinamilli,Dorbala Krishna Sachin,Chandrakiran M,K Rakesh Sai Prashanth,M Harsha Satya Sai Ram,Dandamudi SreeHarsha,Sai Krishna Pushpala,R Sahit Reddy,Roney Mathew,Yarlagadda Shanmuka Aditya,Tella Meghana,V Sowmya,V Vikas,A V Ashish,K Raghu,A Shravan Reddy,C Bhargav K P Varma,K Amarnath,G Ashok,G Sri Charan,Magam Srikar Reddy

Car Features and Team Aspirations

1.Our car features less weight, good driveability features. 2. Engine : Honda cbr 600cc f4i, 3. Differential: Limited slip chain driven differential 4. Our main aspirations for the event is to win Acceleration, Braking events.

Team Sponsors

VNR VJIEET, SATYAM VENTURES, X DESIGN VENTURES,



62 College of Industrial Technology, Nihon University

Team Members

(CP)Katsuhide Terasawa(FA)Takahasi Susumu(FA2)Ichiro Kageyama(FA3)Yasushige Ujiie(MBR)Yuki Furuya,Tomohiko Hino,Takashi Hirayama,Motoyasu Maie,Yohei Tomono,Kenji Hirozane,Kento Iwasawa,Yuto Umemoto,Kentaro Iida,Taisei Tatara,Shota Aso,Masami Kunou,Masato Watanabe,Noguchi Takenori,Kento Matsumura,Kei Fukasawa,Asuka Naoi

Car Features and Team Aspirations

We fabricated to emphasis that the motor sports could be enjoyed more easily on the concept of "More Fun". We aim to finish all the events and the top finishers.

Team Sponsors

HONDA,GruppeM,SolidWorks,NISSIN,JUNIOR MOTOR PARK Quick HANYU,TECHNO AUTO SERVICE, Vi grade,CRADLE,F.C.C.,KIKUCHI SEISAKUSHO,NTN



64 Thai-Nichi Institute of Technology

Team Members

(CP)THANAKRIT ARIYABUNYOTHAI(FA)MANOP CHOOMPHUDAEW(MBR)PREEYANUJ CHAEMSIRIWAT,SUPAPORN HUSAKIN,JARAY SRISAWAKAAN,TEERAPAN UTTARANAGARA, NATTAWAT HENGRUANGSIRI,NATTAPONG SAENG SUTHA,AVIRUT KULPRAVIDH,PANYAWAT AMPUNANDANA,PATSAWUT SORNPRASIT,KODCHAKORN CHAODEE,KARANIK METTAMITPONG,PRATET CHINDAROM,TANAKORN KONGSIRI,KONRAPEE TAGRAIRACH,SASANE WATTANASARINGKARN,SIRIWAT KRUAUWATE,NITIPAT INPEN, NATTAPHONG PHRAPRASERT

Car Features and Team Aspirations

CarreraZ Racing - CZR, we have inspiration from Hanuman that he is character in Thai literature. He is playful, rapid, endure. And we use black-yellow color. We hope to achieve more experience from this competition. Thank you.

Team Sponsors

Toyota, Enkei, TRD, YOKOHAMA, J.N. transos, Lenso, Asahi Tec, YSS, SAB, Denso, NSK, Pacific Pipe



65 Sojo University

Team Members

(CP)Masamichi Miyajima(FA)Hironori Saito(FA2)Kouji Uchida(MBR)Akihito Moriyama,Daiki Mizumoto,Yuudai Fujita,Yoshinori Takeshita,Kazuma Deguchi,Yuta Kubo,Araki Shogo,Ryouta Kamiaka,Masahito Kuroda,Masaki Kotani,Ryouta Kanao,Shinnosuke Nakamura,Yui Furue

Car Features and Team Aspirations

Our team's car concept is "Pursuit of Easy": Easy control (drive), Easy maintenance and Easy vehicle settings. Based on these car concepts, we designed and manufactured our car with the improvements of driver's comfort and vehicle motion stability. Our team's goal of this year is to participate all the dynamic events to get points.

Team Sponsors

HONDA.RAYS.Solid Works Japan.KYOWA.VSN.NTN. F.C.C.



66 Harbin Institute of Technology at Weihai

Team Members

(CP)Lu Yuan(FA)Wang Jianfeng(FA2)Liu Qinghe(MBR)Yang Changlong,Li Yang,Yu Yi,Guo Dapeng,Fan Xuemei,Ding Wenfeng,Jian Hongyu,Cai Kun,Yi Pengyao,Xie Mingze,Lin Maowei,Chen Yongjie,Xu Zhengwu,Chen Yechao,Lin Yu,Duan Chaoran,Yuan Haoyu,Wei Renju,Guo Xiang,Hu Xuanyang,Wang Kuitian,Fan Linlin,Huang Yumei,Huang Danqing,Gu Xuejie,Zhu Lin,Liu Weihua,Yang Linfeng,Wang Tao,Zhong Cheng,Yan Xiaolei,Zheng Enze,Ma Chao,Chen Jiahao,Zhao Dufeng,Wang Guanfeng,Jiang Qiang,Ye Lingkai,Yang Chenlei,Li Bo,Ma Chunxue,Zhang Xinjun,Zhang Yingjie,Fan Dewei,Tao Yuhang,Huang Nan,Liu Yue,Liu Na

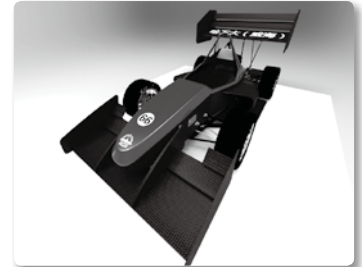
Car Features and Team Aspirations

Our team will take our monocoque racing car which is made of carbon fiber and has high level of adjustability and stability to this international competition. We are always striving to achieve the goal that our distinctive car can demonstrate high performance during the race and achieve satisfactory results. We expect to show Chinese youngsters' talents and enthusiasms

in racing car's design and manufacture to the world.

Team Sponsors

Weihai Wanfeng Magnesium S&T development, Guangwei Group, Trangle Group, CUSCO Progressive Equipment



67 Universitas Gadjah Mada

Team Members

(CP)Akmal Irfan Majid(FA)Fauzun(FA2)I Gusti Bagus Budi Dharma(FA3)Muhammad Agung Bramantya(MBR)Binda Anissa,Ahmad Khozi Arijudin,Bagas Estu Widyawan,Budi Santoso,Fajar Muhamad Gustav,Hamzah Assaduddin,Intan Tiara Dewi,Jiwandono Agung Sari Putro,Satria Adi Nugroho,Supriyono,Bagus Basuki

Car Features and Team Aspirations

Team Bimasakti's 2012 Formula SAE car features adopted high performance, low cost, futuristic and good at maneuver with CBR600RR engine. 'Bimasakti' comes from Indonesia's traditional puppet figures that means respected figure, tough, brave yet remain wise and humble. We are the first Indonesian team that participated in Student Formula Event. The team represents talent of Indonesian young engineers. We use hydraulic clutch released handle and pneumatic shifter as our unique features. We hope to bring success spirit to FSAE-J.

Team Sponsors

Federal Oil, Achilles Radial, GDP Venture, Cargo Garuda Indonesia



68 Tokyo Denki University

Team Members

(CP)Yuusuke Takanohashi(FA)Kazunori Kodaira(MBR)Takeshi Kato,Junichi Hamanaka,Yuki Uda,Ryo Takahashi,Daiki Fujii,Tatsuki Ishii,Kento Taguchi,Teruhisa Arai

Car Features and Team Aspirations

We focus on getting our vehicle smallness and lightness for improve maneuverability. We aim at victory in the competition of Japan.

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, Kunimi Commerce, Maruichi Rubber Industry, MISUMI, MITSUBA, MIYAKI, MORIWAKI Engineering, Nabetech, NAGASE ELEX, NAGATA Industry, NAKAJIMA KOGYO, NAKAMURA, NAKAZATO Gear, NDK-kakou-center, Nihon Parkerizing, Nippon Carbon, NIPPON EXPRESS, NIPPON POP RIVETS AND FASTENERS, OGG KABUTO, 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,



69 Tokyo Metropolitan University

Team Members

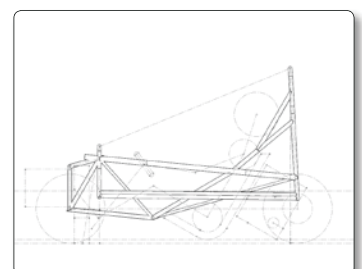
(CP)Masahiro Tomite(FA)Takuya Yoshimura(MBR)Yuta Katori,Yuji Suzuki,Wataru Yamamoto

Car Features and Team Aspirations

We aggressively thought through the concept "Simple & Light" on space-frame. With suspension, we chose a leaf suspension in front and imitated a swing arm in rear because double wish bone is too complicated in Formula SAE machine. With frame, we design to concentrate all load on one member for simplifying and to be applied only tensile load on the other member for saving weight. Then we could reduce the number of frame member by more than 30% of the past. We break through the blank and challenge to the rules.

Team Sponsors

Honda, RS-Watanabe



Team Members and Sponsors

70 Guru Gobind Singh Indraprastha University

Team Members

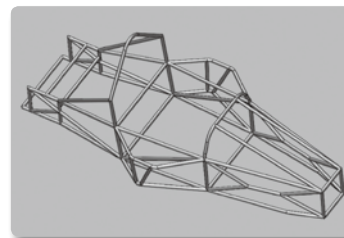
(CP)Vipul Tyagi(FA)O.P. Grover(MBR)Prateek Gupta,Chetan Chawla,Nishant Katyal,Gaurav Kalra,Varun Kumar,Tejas Tilak,Uday Mehra,Deep Dayal Gupta,Harsh Tiwari,Vineet Sethi,Kamal Kant,Priyank Sharma,Ankit Shroff,Yogesh Dua,Rishabh Bhugra

Car Features and Team Aspirations

Car features a powerful 75bhp engine mounted on light spaceframe with sporty suspension. Car also ensure efficient dynamics and efficiency. It manages both efficiency along with high level of sport stream. Car also features an airbrakes mechanism.

Team Sponsors

Woodland,Mait



72 Aichi Institute of Technology

Team Members

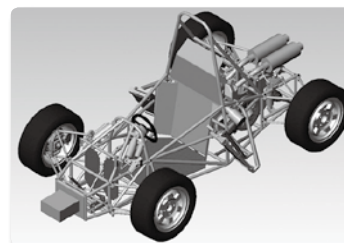
(CP)Takahiro Mizuno(FA)Toshio Fujimura(MBR)Yuki Morikawa,Tomoaki Yamada,Uemura Tomoyuki,Motoshi Asai,Taisuke Futagami,Yuya Itoh,Daisuke Yamada,Daiki Uemura,Jun Fukudome,Yuki Horikawa,Shota Narumi,Toru Naganuma,Daisuke Tanaka,Motoki Serizawa,Yoshitaka Furukawa,Daichi Ishinabe,Takaya Kawazu,Yuta Yabuzaki,Hiroki Ito,Kazuaki Ikeda,Yukihisa Sugimura,Keisuke Wakasugi

Car Features and Team Aspirations

We aimed at the establishment and improvement in braking and drive / revolution nature which are the basic concepts of a car, a frame and for the purpose of optimization of a chassis. In this competition, we do our best aiming at completing Endurance and winning a prize.

Team Sponsors

Yamaha Motor,FT TECHNO,NISSIN KOGYO,MAEDA SHELL SERVICE,nakadaCraft,Sumitomo Wiring Systems,OKAJIMA-PIPE,THK,WATANABE industrial,The Dow Chemical,AXELL,SolidWorks Japan,Mitsui-kiko,FCC,NAGOYA DAIHATSU Takenoyama-ten,NKN,SARD,NISHIOKA MALLEABLE IRON,MAEDA SHELL SERVICE,Mitutoyo



73 The University of Kitakyusyu

Team Members

(CP)Shuhei Takizawa(FA)Sadami Yoshiyama(FA2)Ryoichi Matsunaga(FA3)Sadao Mizuno(MBR) Taishi Oka,Ryota Nakajima,Keisuke Kamiya,Keizo Konishi,Tomoyuki Inoue,Atsushi Kanda,Naoki Honda,Tomohiro Kawaoka,Ryota Gondo,Reo Sagara,Kazuki Uchiyama,Tsutomu Nishiyama,Hiroki Sakaguchi,Naoto Tsuruta,Shinya Oishi,Chiaki Tsutsui

Car Features and Team Aspirations

We participate in the 10th JSAE competition to complete all events. We make a point of safety and toughness because this year is our first time to participate it. So our machine is designed strong and carryover parts are partly used to complete all events.

Team Sponsors

Kawasaki Heavy Industries,F.C.C.,SolidWorks Japan,Software Cradle,SUMITOMO LIGHT METAL INDUSTRIES,ORIO IRON WORKS,Sumitomo Rubber Industries



76 Tokyo University of Agriculture and Technology

Team Members

(CP)Yoshida Hiroshi(FA)Kamada Takayoshi(MBR)Hiroki Nakaie,Takatsugu Sato,Masayuki sato,Yuki Shinzo,Yu Tozawa,Takuya Suzuki,Yuki Tani,Shungo Aoki,Yuya Tsuneoka,Takumi Natori,Yuri Mochizuki,Shinhou Wang,Naohiro Watanabe,Shoki Yamaguchi,Yuhei Saito

Car Features and Team Aspirations

Last year, we couldn't participate in the competition and were deeply regret. We will make a concerted effort to make our machine and improve the reliability of it. We target within 15th.

Team Sponsors

WEST RACING CARS,NOK,NTN,F.C.C.,FC Design,OSCO Industries,Nihon Automobile College,KYOWA KOGYO,Keiyo Bend,Sumitomo Wiring Systems,SolidWorks Japan,Nissin Kogyo,Niitaka-gear,NICHIRIN,Pronto hi-1000.com,Honda Motor,Yutaka Giken,RAYS,WAKO CHEMICAL,TUAT Mechanical System Engineering,TUAT MSE Kiyukai



77**National Institute of Technology, Jamshedpur****Team Members**

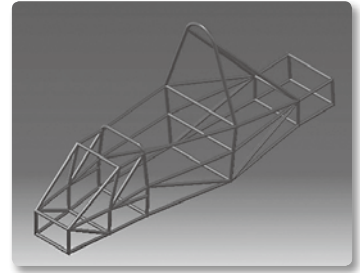
(CP)Pavanesh Kumar Dwivedi(FA)Shalendra Kumar(MBR)Patti Venkata Akash Gupta,Sourabh Kumar Rana,Nishant Gaurav,Sauradeep Samanta,Susmriti Das Mahapatra,Sudhir Kumar Agrawal,Anurag Mehta,Sourav Gorain,Yuvraj Singh,Sumit Kumar Tiwari,Saurabh Kumar,Nitesh Kumar,Murari Lal Murari,Vibhuti Bhushan,Abhinav Jha,Abhishek Kumar,Shubham Tiwari

Car Features and Team Aspirations

Stiff and light vehicle, easily manufactured components, widened low-end powerband with optimized fuel economy and emission rate. The team aspires to design & build a high performance, cost effective, fuel economic car which could give instant confidence to driver in terms of acceleration, cornering and braking on an autocross track condition. Besides technical knowledge, we also aim to learn team management and various other personal skills from this project.

Team Sponsors

Tata Motors,TNT,KROSS,JUSCO Alumni,SKF,JK Tyres,Race Dynamics,RSB,Tata Steel,NITJSR Alumni,Hardrock,PEBCO,EATON

**78****Tokyo University of Science, Yamaguchi****Team Members**

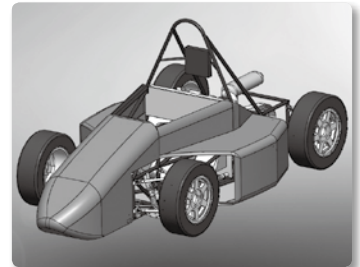
(CP)Takahiro Mizoue(FA)Takao Kijima(FA2)Akihiro Takemura(MBR)Shuji Aramaki,Hayato Ueda,Takahiro Mori,Sanshiro Kato,Kimihiro Isogai,Minato Ohgi,Kazukiyo Ishimoto,Kengo Furutani,Kousuke Shinoki,Yasuaki Suzuki,Masaya Sono,Masaharu Tanoue,Osamu Haraga,Nobuto Watase,Naoyuki Kirita,Rintaro Tsutsui,Kunihiko Kiyotou

Car Features and Team Aspirations

We, the TUSY Formula team, have designed and produced a machine with the concept in mind of linear drivability. This is our first entry into this type of competition, but even though we are not as experienced as other teams, we have all done our very best and will strive to make a strong challenge at each screening.

Team Sponsors

F.C.C, FC Design, NTN, WAKO'S, IRS, KUWAHARA, NISSIN, RAYS, SolidWorksJapan, West racing cars, AllexEngineering, DIRT FREAK, DEEPSTAGE, sunright, Dow, KOEIDO, HATSUTA, Kinokuni, ENDURANCE, AMON, Sumitomo Wiring Systems

**79****Institut Teknologi Bandung****Team Members**

(CP)Tri Aghna Satriya(FA)Indra Nurhadi(MBR)Andreas,Sanat Ariyakumara, Muhammad Hasbi Maulana,Fauzan Muhammad Malik,I Gusti Putu Firman Hadi,Muhammad Isroffi Pramudito,I Made Yoga Widnyana,Jonathan Ricky Maraden Sibarani,Ketut Bagus Priambada,Arwin Taruna Rizqurrahman,Bernardus Arvin Rinaldi,Adri Muhammad Rivai

Car Features and Team Aspirations

Be the champion is our top goals. For the first time joining the competition, our objective is to create new record as best rookie. Our design focus on the handling and maneuverability. We want to prove our design to the world and broadening our mind on engineering and team management.

Team Sponsors

PT Coca cola amatil, Ikatan Alumni Mesin ITB,PT Kayaba Indonesia,PT Indonesian Steel Tube Works,PT Astra Honda Motor,PT Kramayudha Ratu Motor, Pertamina

**80****The American University in Cairo****Team Members**

(CP)Omar Rifaat El Far(FA)Mohamed Fawzy Aly(FA2)Mahmoud Sabry(MBR)Rami Tanius,Nadine Eskaros,Assem El Dessouky,Omar Azab,Omar Sherif Seddik,Nadim Garas,Ramy Rizk Akhnouk,Mostafa Tarek,Fady Adel Haleem,Ahmad El Qadi,Ramy Rashed,Karim Mohsen Nasr,Ahmed Zaky,Ahmed El Hadidi,Alhussein Youssef,Ahmed Adel Abdel Razeq,Hossam Essam,Mina Nashaat,Omar El Azhary,Youssef Fakhr,Abdelrahman Allam,Aly Mohsen

Car Features and Team Aspirations

AUC Racing 2012 vehicle combines an aerodynamic design with a powerful engine on a close ratio six speed transmission. The independent suspension and strong braking system gives the driver the feeling of sport, comfort and safety. AUC Racing is the first AUC FS team and the first Egyptian team to participate in Japan Competition which challenges the team to achieve a remarkable position among the top 20 to prove competence.

Team Sponsors

Car Tech Engineer, AUC Parents Association, Alaa Mousa Est. Wheels and Tires



Team Members and Sponsors

81 Prince of Songkla University

Team Members

(CP)NATSARUN RASITANON(FA)WACHARIN KAEWAPICHAI(MBR)ATSADAWOOT GEAWDDEE,SUPAKORN YUENYONGSAWAD,KANTAPIT MEETAM,NATTHAPAT SONGSANGRAT,DAVIT RUANGRONG,CHATCHAI MANAWATTANAKIJ,THAMMANOON PHONIN,MONGKON SUWUNNAPUK,JIRAYUT JISAI,WATCHARA MUSIKA,YUTTANA SENGTHAWORN,PATSAPON BINROHIM,CHANIT PHETTONG,KAMONNAWIN INTANUCHIT,KITTIPHUME SRITHONG,PIYAWUT TONGSAWAT

Car Features and Team Aspirations

In this year, new car have a new innovation about pneumatic gear shift and single lock nut, that is new technology of our car.

Team Sponsors

Krating daeng, TOYOTA, BOSCH, JN Transos, PTT Lubricants, SKF, UNIQUE pro detailing shop, Makita, raiden, GoPro, NITTO, SONAX, Henkel, WD-40, Beltenick, 3M,



13 Nippon Institute of Technology

Team Members

(CP)Ryo Tohmata(FA)Akihito Okazaki(MBR)Takeshi Okada,Mikami Shogo,Kazuhiro Taki,Shohei Fukuda,Ryo Tohmata,Kota Morimoto,Kijima Keigo,Takumi Kurihara,Hidekazu Suzuki,Eita Setoguchi,Sotarou Tamura,Tomoya Hamada,Shuhei Fujioka,Hayato Watanabe,Babi Iwasa,Riho Shirai,Shun Nakajima,Ibuki Kouno,Masaki Kaneko,Tatsuya Inamura,Takuma Oyada,Masao Kamei,Yuta Watanabe,Yuki Arai,Syuichi Tsuchiya,Motohiro Inage,Daichi Hoshino,Naoyuki Ojima,Kou Kuwabara,Takahiro Ohira

32 The University of Tokyo

Team Members

(CP)Ryomoto Masahiro(FA)Nakao Masayuki(MBR)Ta Kentaro,Matsumoto Kousuke,Ito Akira,Matsui Hirokazu,Kanno Keita,Yorita Satoshi,Takeuchi Yu,Shimomura Yuki,Miyoshi Kotaro,Tamura Tomoyuki,Shiraishi Sho,Horiguchi Shota

54 Ritsumeikan University

Team Members

(CP)Nakayama Syo(FA)Gotouda Hiroshi(MBR)Ryuutarou Iwaki,Masaki Ueda,Yuri Okada,Keishi Shiomi,Takashi Nakanishi,Shou Yoshida,Kana Mimura,Hirokazu Uebayashi,Seigo Ohnishi,Takahumi Kuboyama,Naotaka Sugita,Tomohiro Kuroda,Yoichi Ishikawa,Kento Kobashi,Takahiro Nishida,Kouhei Sugiyama,Arai Keisuke,Uehara Naoya,Fukada Naoki,Fuzita,Miyawaki Naoto,Maeda Satoshi,Miyake Shota,Matsuyama Naoki

58 Fukui University of Technology

Team Members

(CP)Daishi Oguri(FA)Akira Oguri(MBR)

63 Reva Institute of Technology and Management

Team Members

(CP)PRATEEK M NAIK(FA)R JAGADEESH(MBR)SHASHANK U MORO,GANGADHAR R, PRADEEP KUMAR S,SAMEER A K

71 University of Toyama

Team Members

(CP)Kazuyuki Takata(FA)Satoshi Sunada(MBR)Nobuyuki Iwadera,Shuuta Takeuti,Kouya Fujita

74 Shonan Institute of Technology

Team Members

(CP)Hirotohi Tsujioka(FA)Hiroyuki Sato(MBR)

75 Toyama Prefectural University

Team Members

(CP)Atsushi Shijima(FA)Haruki Yashiro(MBR)Minoru Kasai,Daisei Uchikoshi,Hayato Ikezaki,Hayato Kamiya,Ryota Watanabe

82 King Mongkut's University of Technology Thonburi, Ratchaburi Campus

Team Members

(CP)Mr. Yot Boonchu(FA)Manon Sooklamai(MBR)Pichet Tangpontaweesub

Formula EV 2012 (Trial Event)

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	SITE	
Sep/3 (Mon.) Day 1			Team Registration			Lunch Break							Headquarters	
			Tech. Inspection				Tech. Inspection							Paddock Area
											Tilt-Noise-Rain Test			Tech. Inspection Area
Sep/4 (Tue.) Day 2	Team Registration													Headquarters
		Tech. Inspection												Tech. Inspection Area
		Tilt-Noise-Weight-Brake-Rain Test												Tech. Inspection Area
				Practice								Acceleration/Skid-pad		Dynamic Events Area
											Practice		Tech. Inspection Area	
Sep/5 (Wed.) Day 3			Tech. Inspection										Tech. Inspection Area	
			Tilt-Noise-Weight-Brake-Rain Test										Tech. Inspection Area	
												Autocross	Dynamic Events Area	
										Practice			Tech. Inspection Area	
Sep/6 (Thu.) Day 4			Presentation Judging										Paddock Area	
			Cost / Design Judging											
Sep/7 (Fri.) Day 5							Endurance / Efficiency						Dynamic Events Area	
		Practice											Tech. Inspection Area	
									Commemorative Photo		Awards Ceremony		Tech. Inspection Area	

Dates, times, programs and events are subject to change due to weather and other unforeseen circumstances.

Entry Teams

Car No.	School Name	2012 Student Formula Japan Entrants	Notes
E01	Shizuoka Institute of Science and Technology	C/N 42	Demonstrated in 2011's EV Event
E02	Hokkaido Automotive Engineering College		Entrant of Combustion Engine Event Until 2011
E03	Shizuoka University	C/N 22	Demonstrated in 2011's EV Event
E04	Saitama Institute of Technology	C/N 46	
E05	Niigata Institute of Technology		NEW Entrant
E06	Daido University		Entrant of Combustion Engine Event Until 2011
E07	Kanazawa University	C/N 43	Demonstrated in 2011' EV Event

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

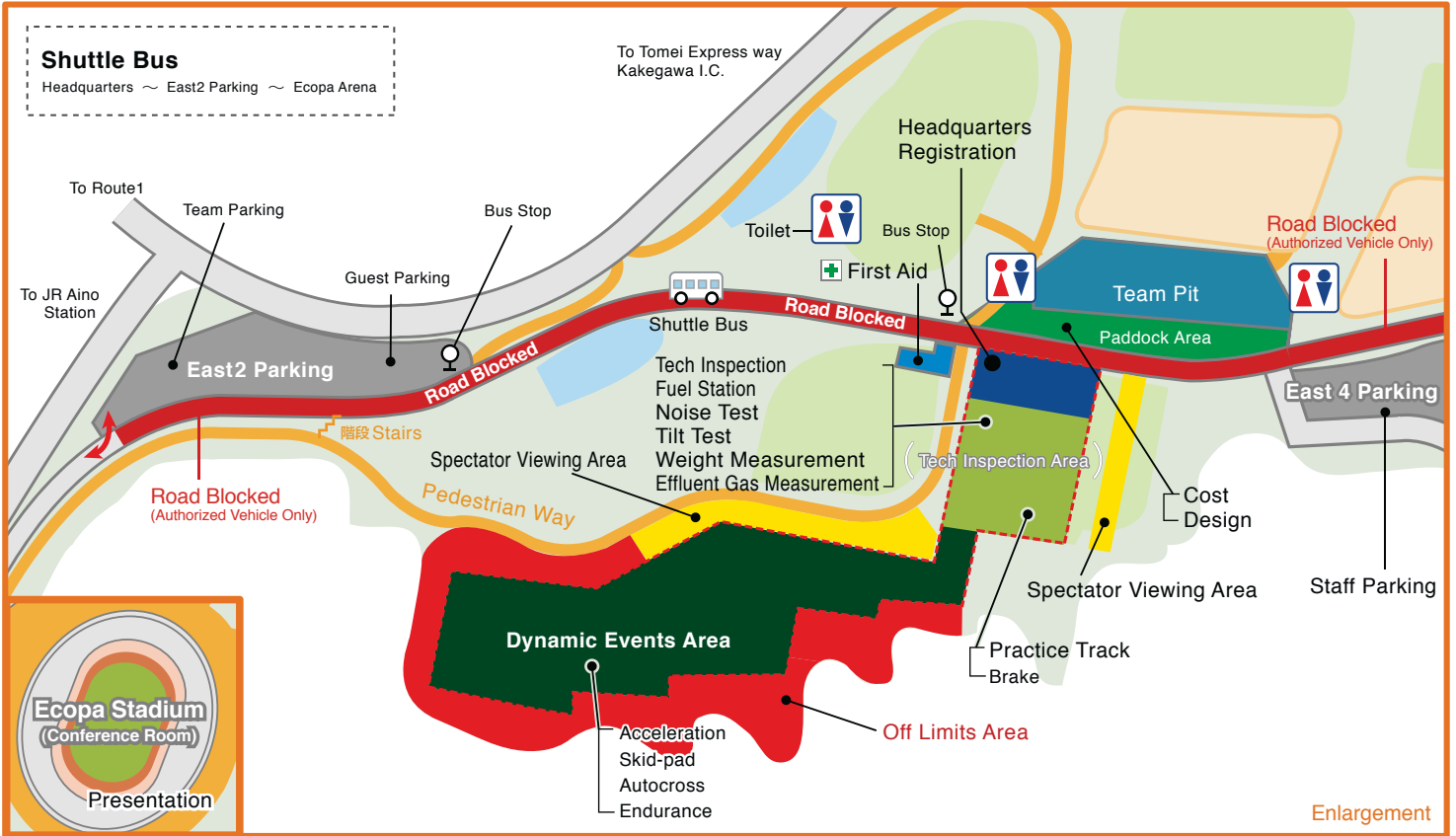
[Attention]

- ⚠ 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.

Competition Site



ECOPA Guide Map

