

Official Program

9th Student Formula SAE Competition of JAPAN



9th

Student Formula SAE Competition of JAPAN

Monozukuri Design Competition



2011 9.5 MON. - 9 FRI.

Organizer



JSAE

(JSAE) Society of Automotive Engineers of Japan, Inc.

Ogasayama Sports Park (ECOPA)



Contents



Congratulatory Message/President's Message	1
Outline of Events	2
Schedule of Events	4
Entry Teams	5
Sponsors	6
Awards	7

Organizer/Support/Committee Members	8
Competition Staffs	9
Team Information(Vehicle Specifications)	10~17
Team Information(Members and Sponsors) ..	18~38
Event Safety	39



Congratulatory Message / President's Message

Congratulations on the 9th Student Formula SAE Competition of Japan

Please allow me to take this opportunity to offer my warmest congratulations on the holding of the 9th Student Formula SAE Competition of Japan.

The Great East Japan Earthquake that occurred on March 11 caused unprecedented damage to this country. I would like to express my deepest sympathies for the people who lost their lives in this tragedy and to offer my sincere condolences to their families and everyone else who was affected. The Japanese government is devoting all of its resources to the restoration and reconstruction efforts in the disaster-stricken areas, but many people are still facing a variety of difficulties in their daily lives.

The entire world is now focused on Japan and watching to see how we overcome this devastating crisis. The underlying strength and resolve of the Japanese nation are now being tested. I believe that the key to our recovery lies in our high-technology capabilities. Currently, our technological creativity is deepening its connections to a variety of social issues such as the environment, energy, disaster prevention, health, and welfare. Originality and ingenuity must be promoted constantly so that we can continue to produce innovative new technologies to help solve these complicated and intricately intertwined issues, restore people's faith in science and technology, and promote even greater development of our society. The development of engineers with tremendous motivation to take on these new challenges is absolutely essential in order to continue to take on these many untouched issues and problems.

The Student Formula SAE Competition of Japan is an extremely meaningful event that provides the participants with an unparalleled opportunity to develop comprehensive *monozukuri* skills. During the course of this competition the participating students undertake the planning, design, and construction of an actual vehicle in an effort to pass rigorous inspections that evaluate the vehicle from a variety of different standpoints, such as handling, concept, design, and cost management.

In the competition, engineering students from Japan and around the world form teams and undertake the planning, design, and construction of a racing car. Through these efforts, the students take on the same issues faced by actual engineers and discover the enjoyment and challenge of *monozukuri*, as well as the pleasure and importance of working with teammates toward a common goal. Furthermore, the competition also creates the opportunity to improve practical problem solving skills, leadership abilities, and management skills in ways that exceed the knowledge learned in the course of daily engineering studies. In this way, the competition participants gain valuable experience not otherwise obtainable from regular classes.

It is my sincere hope that the students will actively participate in the competition with the knowledge that they will become the leaders of the next generation of engineers in Japan and around the world.

This will be the 9th Student Formula SAE Competition of Japan and I am delighted to report that the number of participating schools has continued to increase each year. This year, a total of 87 teams from inside and outside Japan will take part, which demonstrates the high regard in which the competition is held both within Japan and around the world.

I would like to wish the best of luck to all the participating teams, academic advisors, and related university personnel. I would also like to express my sincere gratitude to the Society of Automotive Engineers of Japan and everyone responsible for helping to plan and organize this competition.



Yoshiaki Takaki

*Minister of Education,
Culture, Sports,
Science and Technology*

Welcome to the 9th Student Formula SAE Competition of Japan

I would like to offer my deepest sympathies to everyone who was affected by the recent Great East Japan Earthquake and it is my sincere hope that reconstruction will be completed as soon as possible.

Although the automotive industry was greatly affected by this unprecedented disaster, we are delighted to announce that the Student Formula SAE Competition of Japan, which aims to develop and train the next generation of engineers, will be held according to schedule.

This competition has been held since 2003 with the support of government, industry, and academia. Its purpose is to develop human resources that will contribute to the development and promotion of both automotive technology and the automotive industry. This is accomplished by allowing students to play the main role in planning, designing, and constructing a racing car in a competition of comprehensive *monozukuri* skills. Up until now, a total of 405 teams and approximately 7,000 students have participated in the Student Formula SAE Competition. After graduation, many of these students have gone on to play an active role in the automotive industry.

This year, a record total of 87 teams have entered the competition (73 teams from inside Japan and 14 teams from outside Japan), which clearly demonstrates that the competition is attracting a high level of interest from inside Japan and around the world.

Due to the increase in the number of teams that submitted entries to the competition, the teams were required to submit a Shakedown Certificate in the same way as last year in addition to the usual entry document screening. This was done to help ensure safety, facilitate smoother operation of the competition, and to improve the degree of completion and quality of the vehicles entered into the competition. Furthermore, as in previous years, those teams that were unfortunately unable to pass the document screening stage were asked to participate in a follow-up program held during the competition. This program provides these teams with support and helps them improve their entry for next year's competition.

In addition, thanks to the cooperation of the participating teams, we will also hold a demonstration competition featuring EVs. We have dedicated a part of the main competition schedule to simulated vehicle inspections and simulated dynamic and static tests of the EVs. The popularization of electric vehicles in the marketplace is already well underway and in the future we fully expect that students will be educated and trained to be proficient in both the mechanical and electronics fields of engineering.

Finally, I would like to express my sincere appreciation to all the representatives of industry, government, and academia from both Shizuoka Prefecture and around Japan for their support, cooperation, and sponsorship in these continuing tough economic conditions that have been made worse by the aftereffects of the earthquake and tsunami. We are also extremely grateful to everyone on the event staff who helps support this competition and allows it to run so smoothly.



Akio Hamada

*Chairman of the Society of
Automotive Engineers of
Japan*

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.

Competition Category		Outline of Competition	Awarded 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 table 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 for a weekend car race for amateur drivers, 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 20 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 test.	300 (Endurance) 100 (Fuel Economy)
Total Points			1000

※ The course length may be changed.

※※ Besides the event mentioned above, we carry out a weight measurement and the effluent gas measurement.

Schedule of Events

※There is a case of the cancellation by the situation.

		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				
9 / 5 (Mon.) Day 1							Team Registration							Head Quarter				
							Tech. Inspection							Paddock Area				
							Presentation Judging							Ecopa Stadium				
							Cost/Design Judging							Paddock Area				
9 / 6 (Tue.) Day 2							Lunch Break	Team Registration							Head Quarter			
	Tech. Inspection														Paddock Area			
	Tilt-Noise-Weight-Brake							※Practice Area							Dynamic Events Area			
	Presentation Judging														Ecopa Stadium			
Cost/Design Judging													Paddock Area					
9 / 7 (Wed.) Day 3								Lunch Break	Tech. Inspection							Paddock Area		
	Tilt-Noise-Weight-Brake								※Practice Area							Dynamic Events Area		
	Acceleration/Skid-pad								Autocross							Dynamic Events Area		
9 / 8 (Thu.) Day 4									Lunch Break	Tilt-Noise-Weight-Brake						※Practice Area	Dynamic Events Area	
	Endurance / Fuel Economy																	
										Design Final Judging / Awards Ceremony / Exchange Opportunities								
										※Practice Area								
9 / 9 (Fri.) Day 5										Lunch Break	Endurance / Fuel Economy							Dynamic Events Area
							Commemorative Photo						Awards Ceremony					
							※Practice Area						※Practice Area					
Opening hour for Public		9/5 <12:00~17:30>		9/6 <7:00~17:30>		9/7 <7:00~17:30>					9/8 <7:00~19:00>		9/9 <7:00~16:00>					
Opening hour	Head Quarter	9/5 <11:30~17:30>		9/6 <7:00~17:30>		9/7 <7:00~17:30>					9/8 <7:00~19:00>		9/9 <7:00~16:00>					
	Paddock Area	9/5 <11:00~19:00>		9/6 <6:30~19:00>		9/7 <6:30~19:00>		9/8 <6:30~19:00>			9/9 <6:30~17:00>							
	Spectator Viewing Area					9/7 <7:30~17:30>		9/8 <7:30~17:30>			9/9 <7:30~11:00>							
	Practice Track	9/6 <9:30~17:30>			9/7 <7:30~17:30>		9/8 <7:30~16:45>				9/9 <7:30~10:30>							

Entry Teams

Car No.	school name	Car No.	school name	Car No.	school name
1	Osaka University	30	Kyoto Institute of Technology	59	Chiba Institute of Technology
2	Sophia University	31	Ritsumeikan University	60	Aoyama Gakuin University
3	Yokohama National University	32	Toyota Technical College Nagoya	61	Shonan Institute of Technology
4	Tokyo City University	33	Kokushikan University	62	Aso College of Automotive Engineering and Technology
5	Tokai University	34	Shibaura Institute of Technology	63	Meisei University
6	Shizuoka University	35	Chulalongkorn University	64	Honda Technical College Kanto
7	Nagoya Institute of Technology	36	Honda Technical College Kansai	65	Tottori University
8	Kanazawa University	37	Meijo University	66	Kanagawa Institute of Technology
9	Kyoto University	38	Kinki University	67	Kanazawa Institute of Technology
10	Ibaraki University	39	Kurume Institute of Technology	68	Waseda University
11	Hokkaido University	40	Okayama University	69	Saitama Institute of Technology
12	Utsunomiya University	41	International College of Information and Technology	70	Tokyo Metropolitan University
13	Keio University	42	Toyohashi University of Technology	71	Fukui University of Technology
14	Kobe University	43	Tokyo University of Agriculture and Technology	72	Kyushu Sangyo University
15	Osaka Sangyo University	44	Shizuoka Institute of Science and Technology	73	Hokkaido Automotive Engineering College
16	Seikei University	45	Nihon Automobile College	74	Toyama Prefectural University
17	Kogakuin University	46	Osaka Institute of Technology	75	VNR Vignana Jyothi Institute of Engineering and Technology
18	Institute of Technologists	47	Gifu University	76	The University of Kitakyushu
19	Kyushu Institute of Technology	48	Daido University	77	Maharaja Agrasen Institute of Technology
20	Chiba University	49	Osaka City University	78	Reva Institute of Technology and Management
21	College of Science and Technology, Nihon University	50	Tokyo University of Science	79	Amrita School of Engineering
22	Thai-Nichi Institute of Technology	51	Tongji University	80	Beijing Institute of Technology
23	King Mongkut's University of Technology Thonburi	52	University of Fukui	81	Harbin Institute of Technology at WeiHai
24	Doshisha University	53	Niigata University	82	Siam University
25	University of Yamanashi	54	Setsunan University	83	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology
26	College of Industrial Technology, Nihon University	55	Hiroshima Institute of Technology	84	Swinburne University of Technology
27	Nippon Institute of Technology	56	Osaka Prefecture University	85	Okayama University of Science
28	Nagoya University	57	Yamagata University	86	University of Toyama
29	The University of Tokyo	58	Hiroshima University	87	Universitas Gadjah Mada

■ S-Class

Toyota Motor
Nissan Motor
Honda Motor

■ A-Class

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

■ B-Class

AISIN AW
AISIN SEIKI
Isuzu Motors
EXEDY
NTN
Autech Japan
Keihin
JATCO
Shin Nippon Tokki
Sumitomo Wiring Systems
ZF Japan
Daihatsu Motor
Nissan Motor Light Truck
Hino Motors
FORUM8
MAHLE Filter Systems Japan
Mitutoyo
Mitsubishi Motors
Mitsubishi Fuso Truck and Bus
YACHIYO INDUSTRY
UD Trucks

■ C-Class

Toyota Technical Development
H-one
Calsonic Kansei
TAISEISHA
Toyota Industries
Mitsubishi Electric
NOK
Aichi Machine Industry
ASMO
ADVICS
ISUZU ENGINEERING
ISUZU ADVANCED ENGINEERING CENTER
AW ENGINEERING
NSK-Warner
F.C.C.
ONO SOKKI
SANGO

Siemens PLM Software
Nippon Oil
JTB CHUBU
JTEKT
SHOWA
SHINBA IRON WORKS
SUMICO LUBRICANT
Sumitomo Rubber Industries
SEKISO
DYNATECH
TS TECH
dSPACE Japan
TOKAIRIKA
Toyo Tire & Rubber
TOYOTA AUTO BODY
Toyota Boshoku
TOYODA GOSEI
Nissan Shatai
NISSAN TECHNO
NISSIN KOGYO
Nifco
NHK SPRING
Nihon Michelin Tire
Bridgestone
MathWorks Japan
Musashi Seimitsu Industry
Yutaka Giken
UNIPRES
Romax Technology Japan
other one company

■ D-Class

AISAN INDUSTRY
AISIN AI
AISIN TAKAOKA
Akebono Brake Industry
Ishikawa Gasket
USUI KOKUSAI SANGYO KAISYA
UCHIYAMA MANUFACTURING
A&D Company
KIRIU
JI Accident & Fire Insurance
SHIZUKI ERECTRIC
Suzuyo & Co.,Ltd
Sumitomo Bakelite
DAIICHI SYSTEM ENGINEERING
Tyco Electronics AMP
DAIDO METAL
Pacific Industrial
Taiho Kogyo
TACHI-S
DAD
CHUO PRECISION INDUSTRIAL
Chuo Spring
DEWETRON Japan
DENSOTECHNO
Tokyo R&D
Tokio Marine & Nichido Fire Insurance
TOKYO BOEKI TECNO-SYSTEM

TOHNICHI Mfg
Toray Industries
TOYOTA TECHNOCRAFT
NICHIRIN
NGK SPARK PLUG
Nihon Parkerizing
Bando Chemical Industries
PSG
FUJITSU TEN
Future Technology
BRIDE
PRESS KOGYO
Vector Japan
Matsui Universal Joint
MITSUBA
MITSUBOSHI BELTING
YAMAHA MOTOR POWERED PRODUCTS

■ Award Sponsors

JAMA
ONO SOKKI
FISITA
Autech Japan
JSOL
Sumitomo Rubber Industries
TOYO TIRE & RUBBER
Nihon Michelin Tire
Bridgestone
THE YOKOHAMA RUBBER
JI Accident & Fire Insurance
DEWETRON Japan
Nicole Racing Japan
MOTUL

■ Supplier Sponsors

HORIBA
Otsuka Pharmaceutical

■ Others

ECOPA
Oiles
ONO SOKKI
SATO PRESS
Shizuoka Institute of Science and Technology
SUZUKI
TOHNICHI Mfg
DOME
Toyota Motor Higashi-Fuji Technical Center
Nihon University
Japan Race Promotion
FORUM8
Bridgestone
HORIBA
HONDA Mister Club
Yamaha Motor
Yorozu

(As of July 11,2011)

	Award Name	Summary	Supplementary Prize	Sponsored by
Outstanding Performance Awards	FISITA Award for Engineering Excellence	Best overall in Static Events	500€	FISITA
	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	total60	JAMA
Evaluation & Judgment Awards	Spirit of Excellence Award	This award recognizes the top 6 finishers overall	1st: 10, 2nd: 9, 3rd: 8, 4th: 6, 5th: 5, 6th: 4	ONO SOKKI
	Cost Award	This award recognizes the top 3 teams who receive the best score in Cost and Manufacturing Inspections	1st: 2.5 ,2nd: 1, 3rd: 0.5	DEWETRON Japan
	Design Award	Top 3 teams who receive the best score in Design	1st: 5, 2nd: 3, 3rd: 2	Autech Japan
	Presentation Award	Top 3 teams who receive the best score in Presentation	1st: 4, 2nd: 3, 3rd: 1	TOYO TIRE & RUBBER
	Acceleration Award	Top 3 teams who receive the best score in Acceleration	1st: 5, 2nd: 3, 3rd: 2	Sumitomo Rubber Industries
	Skid-pad Award	Top 3 teams who receive the best score in Skid-pad	1st: 4, 2nd: 3, 3rd: 1	THE YOKOHAMA RUBBER
	Autocross Award	Top 3 teams who receive the best score in Autocross	1st: 4, 2nd: 3, 3rd: 1	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	1st: 5, 2nd: 3, 3rd: 2	Nihon Michelin Tire
Special Awards	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	1st: 5, 2nd: 3, 3rd: 2	JSOL
	Lightweight Engineering Award	This award recognizes the lightest vehicle in the competition*1	4	JI Accident & Fire Insurance
	Best Improvement Award	This award is intended to reward the team whose improvement in score is most outstanding compared to the last competition*2	Prize	Nicole Racing Japan
	Sportsmanship Award	This award recognizes the team whose spirit of sportsmanship is deserving of great praise	—	—

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

*2) The team must participate in all events.

Note) The figures shown above represent units of tens of thousands of yen.

Organizer/Support/Committee Members

Organizer	JSAE (Society of Automotive Engineers of Japan)
Sponsorship (provisional)	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; Japan Automobile Manufacturers Association; NHK; Nippon Television Network Corporation; Tokyo Broadcasting System; Fuji Television Network; 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; The International Federation of Automotive Engineering Societies (FISITA)
Support (provisional)	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

■ Student Formula SAE Competition of Japan Board

Chairperson:	Tomiji Sugimoto	Honda Motor
Vicechairman:	Takao Asami	Nissan Motor
	Takao Kubozuka	JSAE
Committee:	Ichizo Aoyama	SUZUKI MOTOR
	Satoshi Iwata	DENSO
	Yasuharu Ohyama	Honda R&D
	Hirofuka Kanazawa	Mazda Motor
	Takaaki Kimura	Yamaha Motor
	Makoto Shimonari	Hino Motors
	Osamu Shimoyama	Nissan Motor
	Takehide Takahashi	Japan Auto Parts Industries Association
	Shigeru Hashimoto	Japan Auto-Body Industries Association
	Kaichi Hiramoto	Honda R&D
	Takitaro Fukuda	DAIHATSU MOTORS
	Masahiro Fukutsuka	DAIHATSU MOTOR
	Naofumi Fujie	AISIN SEIKI
	Hirohide Furutani	Advanced Industrial Science and Technology
	Yuji Horiuchi	Kawasaki Heavy Industries
	Yasuhiko Honda	Hitachi Automotive Systems
	Yoshihiko Masuda	Toyota Motor
	Akira Mabuchi	Fuji Heavy Industries
	Kouichi Yamagishi	Toyota Motor

■ Student Formula SAE Competition of Japan Rules Committee

Chairperson:	Hirokazu Ito	Tokyo Metropolitan University
Committee:	Mikio Kato	
	Osamu Shimoyama	Nissan Motor
	Atsushi Honda	Kawasaki Heavy Industries
	Yasuhiro Honda	Kokushikan University
	Yasushi Matsumoto	Toyota Motor
	Kouichi Yamagishi	Toyota Motor

■ Student Formula SAE Competition of Japan Awards & Sponsorship Committee

Chairperson:	Kouichi Yamagishi	Toyota Motor
Vicechairman:	Kaichi Hiramoto	Honda R&D
Committee:	Masahiko Katayama	DENSO
	Masatomo Kobayashi	Honda R&D
	Osamu Shimoyama	Nissan Motor

■ Student Formula SAE Competition of Japan Implementation Committee

Chairperson:	Osamu Shimoyama	Nissan Motor
Vicechairman:	Hideto Arigaya	Oiles
	Masatomo Kobayashi	Honda R&D
	Atsushi Honda	Kawasaki Heavy Industries
	Yasuhiro Honda	Kokushikan University
	Yasushi Matsumoto	Toyota Motor
Committee:	Hirokazu Ito	Tokyo Metropolitan University
	Hideki Oka	SUZUKI MOTOR
	Masahiko Katayama	DENSO
	Yoshio Kano	Kanagawa Institute of Technology
	Tamotsu Kamiya	Toyota Motor
	Hirohiko Kuroda	Fuji Heavy Industries
	Ken Suzuki	Nissan Motor
	Taro Sekine	Nihon University
	Makoto Zenno	DAIHATSU MOTOR
	Masakuni Tsuge	Honda R&D
	Takashi Tsuchiya	Shizuoka Institute of Science and Technology
	Ryuzaburo Nagata	AISIN SEIKI
	Hisayuki Nozawa	Yamaha Motor
	Masayuki Baba	Honda R&D
	Yoshihiro Masuda	SOMOS
	Kazuyuki Matsutani	Mazda
Adviser:	Kouichi Yamagishi	Toyota Motor
	Kaichi Hiramoto	Honda R&D

■ Student Formula SAE Competition of Japan Preparatory committee for EV

Chairperson:	Yasuhiro Honda	Kokushikan University
Vicechairman:	Takashi Tsuchiya	Shizuoka Institute of Science and Technology
	Jyoji Nakamura	DENSO
Committee:	Hideto Arigaya	Oiles
	Hirokazu Ito	Tokyo Metropolitan University
	Kazunobu Ohyama	Daikin
	Kouhei Kusaka	The University of Tokyo
	Masatomo Kobayashi	Honda R&D
	Osamu Shimoyama	Nissan Motor
	Tadashi Tamamasa	Nissan Motor
	Masanori Nakamura	Toyo Denki Seizo
	Atsushi Honda	Kawasaki Heavy Industries
	Yoshihiro Masuda	SOMOS
	Michinori Matsuzaki	Tokyo Electric Power
	Minoru Yuki	Fuji Heavy Industries
Observer:	Takafumi Anegawa	Tokyo Electric Power
	Kaichi Hiramoto	Honda R&D
	Shoji Watanabe	Ministry of Economy, Trade and Industry

(As of July 11, 2011)

Events

〈Technical Inspections〉

* Atsushi Honda [Kawasaki Heavy Industries]

[Bridgestone] Tomohiro Hiraishi, Takahiko Yamamoto, [Calsonic Kansei] Masahiro Kamikawa, Fumichika Nakashima, [Daihatsu Motor] Yutaka Nakano, Ryuta Uotani, [Fuji Heavy Industries] Kouji Sawayama, [FUJI TECNO-SERVICE] Kazuo Nakazato, [Honda Motor] Osamu Takano, Toshimi Miyata, Hisao Mori, Miyata Takahide, Tatsuo Kurosawa, Motoi Nagataki, Kazuhiko Ikura, Shigetaka Hada, Masakuni Sekiguchi, Fujio Kuno, Yoichi Maehara, [Honda R&D] Ryuichi Takahashi, [HORIZON] Takanari Matsuura, Shigenori Ryu, Toshihide Horita, Nobutaka Kihara, Satoshi Kutsuna, [Isuzu Motors] Toshiaki Shimizu, [Mazda Motor] Hideyuki Nishi, Masaru Asaumi, [Mitsubishi Fuso Truck and Bus] Takuya Honjo, [Mitsubishi Motors] Yasuyuki Yamaguchi, Takashi Ohi, [Nihon University] Taro Sekine, Akira Iijima, Naoki Sekiya, Kouji Yoshida, Akifumi Okabe, [Nissan Motor] Toshihiro Mizoguchi, Kiyoshi Ikegaya, Toshiaki Kawai, [ONO SOKKI] Akihiko Hisamoto, Shintaro Hisao, Yasuyuki Karino, [Shizuoka Institute of Science and Technology] Minoru Doi, Yoshihito Shikanai, [Sophia University] Yasuhiko Hamaguchi, [SUZUKI MOTOR] Hidetoshi Arakawa, [The University of Tokyo] Kohei Kusaka, Takeo Eda, [The Yokohama Rubber] Shinichi Mori, [Toyota Motor] Yasushi Matsumoto, Tetsu Mitsuo, Toru Yoshida, Toshiya Komiya, Shinichi Arima, Mikio Suzuki, [UD Trucks] Hiroshi Miyake, Masaaki Higuchi, [Volunteer] Kazuo Wakamatsu, [Yamaha Motor] Satoshi Kinowaki, Yasunobu Harazono

〈Static Events〉

* Hideto Arigaya [Oiles]

[Aichi Machine Industry] Kiichiro Takai, [AISIN SEIKI] Ryuzaburo Nagata, [Autech Japan] Tatsuo Morita, [Bridgestone] Hirohide Hamashima, [Daihatsu Motor] Makoto Zenno, Kohei Wakutani, Masaki Kondou, [DENSO] Mamoru Sawada, Yasuji Inobe, [DOME] Shogo Eida, [Fuji Heavy Industries] Hirohiko Kuroda, Osamu Ishikawa, Kazuya Hashizume, [Hino Motors] Kohei Hamano, Yasunari Sakurai, [Hitachi Automotive Systems] Takashi Kondo, [Honda R&D] Masayuki Baba, Hideaki Ohara, Takashi Ogino, Tomoyuki Tokisato, [Isuzu Advanced Engineering Center] Kenji Fujii, [Isuzu Motors] Michihiro Yabuno, Yutaka Okuno, [JATCO] Yasuhiko Utsumi, [Kawasaki Heavy Industries] Satoaki Ichi, [Mazda Motor] Hironori Shimono, Mitsuo Iwano, [Mitsubishi Motors] Keisuke Ishikawa, Taro Tsukamoto, [NHK SPRING] Takafumi Hirata, [Nissan Motor] Yusuke Harukawa, Masaki Okamoto, Hiroki Nagayama, Minoru Tamura, Ken Suzuki, Mitsuhiro Ito, Toru Kimura, Kenichi Kouno, Yoshihiro Kawabe [Nissan Shatai] Wataru Takeo, [NSK-Warner] Tomoyuki Miyazaki, [SATO PRESS] Munetaka Toda, [SHOWA] Haruhiko Moroizumi, [Sumitomo Rubber Industries] Mitsuhiro Satou, [SUZUKI MOTOR] Nobuhiro Yasui, Naoki Sakakibara, Yasuomi Suzuki, [The Yokohama Rubber] Kazuyoshi Sanetou, [Tokyo R&D] Masao Ono, [TOYOTA AUTO BODY] Takashi Fujisawa, [Toyota Industries] Hirohito Hayashi, [Toyota Motor] Yoshiaki Chiba, Junichi Hasegawa, [Volunteer] Kunie Kageyama, Hiroshi Miyasaka, Hiromitsu Mochizuki, [Yamaha Motor] Junichi Kaku, Tetsuya Hirano

〈Dynamic Events〉

* Masatomo Kobayashi [Honda R&D]

[AISIN SEIKI] Akihiro Murata, [Daihatsu Motor] Takashi Tomoda, Takaya Hayashi, Yoshihiro Asakura, [DENSO] Shingo Harada, [Fuji Heavy Industries] Hiroki Suzuki, Yuusuke Andou, [Fukui University of Technology] Haruyoshi Ida, [Hino Motors] Toru Takahashi, [Honda Motor] Hideki Kaseyama, [Honda R&D] Dota Yamamoto, Yuki Kunisawa, Yasuharu Ichikohara, Yasuaki Tezuka, Masahiko Nakamura, [JATCO] Kenji Ishikawa, Kouji Matsumoto, [Kanagawa Institute of Technology] Yoshio Kano, Tatsuro Kobune, [Kawasaki Heavy Industries] Naoki Arino, [Mazda Motor] Yuki Itagaki, Keiko Otake, Hirofumi Miyamoto, [Mitsubishi Motors] Wataru Sueyoshi, Tomoyuki Enokida, [Nihon University] Shigeru Tominaga, [Nissan Motor] Tomohiro Yano, Naoki Hoshino, Yosuke Fukunaga, Takayuki Ogura, Hiroshi Nishimura, Satoshi Takemoto, Kazuya Kumagai, Tomonori Ikezawa, Kazuya Itoh, Akihide Sadamitsu, [Nissan Shatai] Keita Abe, Yosuke Chiku, [NISSIN KOGYO] Taketo Honzawa, [PRESS KOGYO] Fumitaka Tajima, [Shizuoka Institute of Science and Technology] Masashi Yoshida, [Shizuoka University] Mitsuhiro Fukuta, [SOMOS] Yoshihiro Masuda, Shinya Akiyama, Shigeaki Mochizuki, Yasuhito Tsuruta, Kazuhiko Yokoyama, Shinichi Oda, Akio Ito, Yasuyuki Sasaki [SUZUKI MOTOR] Hideki Oka, Takuya Matsumoto, Yuya Murayama, Daisuke Maeda, Keisuke Otake, Ryosuke Asai, [TOYO TIRE & RUBBER] Kota Ishibashi, [TOYOTA AUTO BODY] Ryuichi Tanimoto, [Toyota Motor] Hironori Adachi, Kimihiko Naruse, Tomiyasu Hasegawa, Masaya Shimizu, Gou Yukiya, Kouzi Iitsuka, Hiroshi Uchida, Masakazu Deai, [Toyota Technical Development] Daisuke Suzuki, Tatsuya Negami, [Yamaha Motor] Kouji Kobayashi, Ryosuke Haraki, Muneyuki Yamada, Michinao Hiramatsu, Daisuke Kohzu, Tomotsugu Okada, Kenji Aoyagi, [Yokohama National University] Hiroshi Kuwabara, [Yorozu] Shuuhei Ohoka, Katsuya Narui

*Event Captain

Competition Administration Office

* Osamu Shimoyama [NISSAN MOTOR]

[DENSO] Masahiko Katayama, Kana Ohhashi, Yuko Takasu, Atsushi Hashikawa, [FUJI TECNO-SERVICE] Sumie Niboshi, [Honda Motor] Masakuni Tsuge, Noriaki Osao, [Honda R&D] Kaichi Hiramoto, Toru Furuhashi, Erika Iida, Tomohiro Miyazaki, Kentaro Yamaguchi, Kanako Komuro, [Kanazawa University] Hiroshi Enomoto, [Kokushikan University] Yasuhiro Honda, [Mazda Motor] Kazuyuki Matsutani, Hiroto Kawai, [NHK SPRING] Yoshinobu Mino, [Nissan Motor] Erina Ueno, Hideo Takagi, Kenji Izumi, Hiroshi Mitsui, Kosuke Takeuchi, Kouji Nishimoto, Hirotaka Akamatsu, Kouichi Nakayama, [NISSAN TECNO] Yurie Haba, [Shizuoka Institute of Science and Technology] Takashi Tsuchiya, [SUZUKI MOTOR] Kazuyuki Ishida, Mitsuhiro Tokuda, Kazuhiro Yamamoto, Shinya Tanaka, [The University of Tokyo] Hiroki Nakamura, [Tokyo Metropolitan University] Hirokazu Ito, [Toyota Motor] Koichi Yamagishi, Tamotsu Kamiya, Masahiro Tsukamoto, Go Inoue, [Volunteer] Hiroshi Akino, Mikio Kato, Hiroshi Nakamura, Mariko Matsuura, [Yamaha Motor] Hisayuki Nozawa, Hiroshi Kikuchi, Tetsuya Ueda, Takaya Koitabashi

*Chairperson

(As of July 11, 2011)

Team Information (Vehicle Specifications)

Car No.	School Name	Country	Frame	Body-work	Suspension		① Overall Length ② Overall Height ③ Wheelbase ④ Front Track ⑤ Rear Track			① Gross Vehicle Mass ② Fr.Rr. Weight Dist. ③ Ground Clearance		Wheels & Tires
					① Front	② Rear						
1	Osaka University	Japan	steel spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2630mm ③ 1600mm ⑤ 1200mm	② 1140mm ④ 1200mm		① 200kg ② 47:53 ③ 30mm		13inch RAYS 180/510-13 BRIDGESTONE Bias
2	Sophia University	Japan	Carbon fiber mono-coque	CFRP	Front & Rear: Double unequal length A-arm Push rod with stabilizer		① 2830mm ③ 1560mm ⑤ 1150mm	② 1009mm ④ 1150mm		① 220kg ② 49:51 ③ 29mm		7 inch wide 1 pc Mag Rim 180/510-13 DR8 Bridgestone
3	Yokohama National University	Japan	Tubular space frame STKM13A steel round tubing	GFRP	① Double unequal length A-Arm. Pull rod actuated vertical oriented spring and damper ② Double unequal length A-Arm. Push rod actuated horizontally oriented spring and damper		① 2533mm ③ 1530mm ⑤ 1150mm	② 1200mm ④ 1150mm		① 200kg ② 48:52 ③ 30mm		7.0 inch wide, 3pc Al, 16.15 mm pos.offset 18.0/6.0-10R25B Hoosier
4	Tokyo City University	Japan	steel spaceframe	GFRP	① Double unequal length A-Arm- Push rod ② Double unequal length A-arm Push rod		① 2647mm ③ 1560mm ⑤ 1200mm	② 1039mm ④ 1200mm		① 233kg ② 48:52 ③ 35mm		13inch Watanabe Mag EIGHT SPOKE 20.5 x 7.0-13 Hoosier
5	Tokai University	Japan	steel spaceframe	CFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Pull rod		① 2770mm ③ 1700mm ⑤ 1200mm	② 1250mm ④ 1200mm		① 195kg ② 45:55 ③ 50mm		13inch TWS Mg Wheel 20.0 x 7.0-13 GOODYEAR Bias
6	Shizuoka University	Japan	Two-piece carbon fiber monocoque	CFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2500mm ③ 1600mm ⑤ 1200mm	② 1153mm ④ 1200mm		① 220kg ② 48:52 ③ 40mm		13inch OZ 20.5 x 7.0-13 Hoosier R25B
7	Nagoya Institute of Technology	Japan	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2600mm ③ 1600mm ⑤ 1100mm	② 1100mm ④ 1100mm		① 160kg ② 43:57 ③ 30mm		10inch KEIZER WHEEL Fr. 18.0 x 6.0-10 Rr. 18.0 x 7.5-10 R25B Hoosier
8	Kanazawa University	Japan	steel spaceframe	Wet lay-up GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2700mm ③ 1530mm ⑤ 1230mm	② 1080mm ④ 1230mm		① 180kg ② 49:51 ③ 30mm		13inch RAYS TE37 180/510-13 Bridgestone Bias
9	Kyoto University	Japan	Aluminum spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2967mm ③ 1550mm ⑤ 1200mm	② 1050mm ④ 1200mm		① 160kg ② 45:55 ③ 30mm		10inch Douglas ATV Wheel 18.0/6.0-10 Hoosier
10	Ibaraki University	Japan	steel spaceframe	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2843mm ③ 1600mm ⑤ 1150mm	② 1150mm ④ 1150mm		① 210kg ② 47:53 ③ 35mm		13inch Watanabe Mg Wheel & 20.5 x 7.0 Hoosier R25B
11	Hokkaido University	Japan	Steel Spaceframe	GFRP	① Double unequal length A-arm Pull rod with Stabilizer ② Double unequal length A-arm Pull rod with Stabilizer		① 2815mm ③ 1600mm ⑤ 1250mm	② 1030mm ④ 1300mm		① 290kg ② 47:53 ③ 50mm		10inch RS Watanabe 18.0/6.0-1.0 Hoosier Bias
12	Utsunomiya University	Japan	steel spaceframe	CFRP	① & ② Double unequal length A-arm Pull rod with stabilizer		① 2790mm ③ 1600mm ⑤ 1190mm	② 1110mm ④ 1200mm		① 210kg ② 46:54 ③ 34mm		13inch ENKEI 178/520-13 Hoosier Bias
13	Keio University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2570mm ③ 1530mm ⑤ 1200mm	② 1067mm ④ 1250mm		① 165kg ② 48:52 ③ 35mm		13inch RAYS VOLK Racing Wheel TE37 205-510-13 Continental Radial Slick
14	Kobe University	Japan	steel spaceframe with aluminium structural panel	Fiber-glass	① Double unequal length A-arm Push rod ② Upper A-arm Lower parallel link with radius rod Push rod		① 2650mm ③ 1590mm ⑤ 1200mm	② 1070mm ④ 1200mm		① 220kg ② 48:52 ③ 27mm		7.5inch wide BRAID Formrace 2pc 20.5/7.0-13 R25B hoosier
15	Osaka Sangyo University	Japan	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 1930mm ③ 1590mm ⑤ 1200mm	② 1148mm ④ 1200mm		① 240kg ② 45:55 ③ 35mm		13inch RAYS VOLK TE-37 20.5/7.0-13 Hoosier Bias
16	Seikei University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2600mm ③ 1600mm ⑤ 1200mm	② 1112mm ④ 1200mm		① 230kg ② 45:55 ③ 50mm		13inch Watanabe Mg 180/510-13 BRIDGESTONE Bias
17	Kogakuin University	Japan	steel spaceframe	Fiber-carbon	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2835mm ③ 1600mm ⑤ 1180mm	② 1260mm ④ 1250mm		① 200kg ② 40:60 ③ 50mm		13inch RAYS 180/510-13 Bridgestone Bias
18	Institute of Technologists	Japan	steel spaceframe	Carbon FRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2685mm ③ 1630mm ⑤ 1200mm	② 1008mm ④ 1220mm		① 232kg ② 48:52 ③ 50mm		13inch RAYS TE37 20.5/6.0-13 Hoosier Bias
19	Kyushu Institute of Technology	Japan	Steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2582mm ③ 1600mm ⑤ 1180mm	② 1200mm ④ 1220mm		① 240kg ② 48:52 ③ 50mm		13inch RS Watanabe 180/510-13 BRIDGESTONE Bias
20	Chiba University	Japan	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2516mm ③ 1600mm ⑤ 1200mm	② 1196mm ④ 1200mm		① 220kg ② 49:51 ③ 36mm		13inch RAYS TE37 20.5 x 7-13 Hoosier radial
21	College of Science and Technology, Nihon University	Japan	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2732mm ③ 1590mm ⑤ 1190mm	② 1174mm ④ 1180mm		① 225kg ② 47:53 ③ 35mm		Front 13inch RAYS TE37 Rear 13inch watanabe 8spoke Mg 20.5 x 7.0 R25B Hoosier

① Engine ③ max. power	② Displacement ④ max.torque	Induction Type Fuel Tank Volume	Shifter	Final Drive & Differential	Brakes		Unique Features & Notes
					① Front	② Rear	
① ZX600P Kawasaki ZX-6R ② 599cc ③ 91ps/12500rpm ④ 6.9kgf/7000rpm		Naturally aspirated 4.0L	Manual paddle shifter	Chain drive F.C.C TRAC	① 2 outboard ② 1 outboard Nissin calipers		• Variable Intake System • Dry Sump • Rotary Valve Throttle • CFRP Suspension • CFRP Steering
① 2008 YAMAHA YZF-R6 2C0 ② 600cc ③ 93.1ps/9000rpm ④ 76.3Nm/7600rpm		Super Charged 7.0L	paddle shift	FCCTRAC limited slip differential	① 2 outboard ② 2 outboard Willwood Dynapro Single Billet Caliper		• 3rd damper • Dry sump • Undertray • Carbon steering wheels • SC Engine • monocoque body
① PC37E HONDA CBR600RR ② 599cc ③ 80ps/10800rpm ④ 6.0kgf/8500rpm		Naturally aspirated 5.5L	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 PC40EHONDA CBR600RR ② 599cc ③ 80ps/9900rpm ④ 5.4kgf/8100rpm		Naturally aspirated 4.8L	Manually actuated paddle/Push and Pull Cable.	Chain Drive LSD	① 2 outboard ② 2 outboard Nissin calipers		Removable Main Hoop Brace, Paddle Shift, Steering Adjustment, Seat Adjustment, 3 Pedal Adjustment
① SUZUKI SFV650 B.D ② 605.9cc ③ 62.8ps/9000rpm ④ 5.5kgf/7500rpm		Naturally aspirated 3.9L	Manual	Chain Drive F.C.C TRACK	① 2 outboard ② 1inboard Nissin calipers		• Mono-Shock System • Special Mg Wheels • Sproket Brake Disk • V-twin Engine
① SUZUKI GSX-R600 K4 ② 599cc ③ 77.4 ps/9900rpm ④ 6.1 kgf/8900 rpm		Naturally aspirated 4.0L	Electro- pneumatic shifter	Shaft & FCC TRAC	① 2 outboard ② 2 outboard AP calipers		Side-Engine layout / Two-piece carbon fiber monocoque / Dry sump / Original Differential Gear&Carrier
① YAMAHA WR450F J326E ② 450cc ③ 42.3PS/8000rpm ④ 4.10kgf/7100rpm		Naturally aspirated 3.7L	Manual	Chain drive & F.C.C Track	① 2 outboard Willwood calipers ② 1inboard Nissin caliper		Light Weight Vehicle
① SUZUKI LT-R450 ② 450cc ③ 40ps/10500rpm ④ 35N · m/3500rpm		Naturally aspirated 3.3L	Electric Shifter	Chain Drive, Mechanical LSD	① 2 outboard ② 2outboard AP calipers		• Student Designed ECUs with CAN • Plastic Intake System • Ignition Angle Control by Cylinder Pressure
① YAMAHA WR450F J326E ② 449cc ③ 45ps/8500rpm ④ 4.2kgf/7500rpm		Naturally aspirated 3.3L	Manual	Shaft Drive & F.C.C. TRAC	① 2 outboard ② 2 outboard Willwood calipers		
① GSR600 ② 600cc ③ 78ps/11000rpm ④ 6.1kgf/7500rpm		Naturally aspirated 3.6L	Electric Shifter	Chain & FC- CTAC	① 2 outboard ② 2 outboard Nissin calipers		• Carbon Steering Wheel • Aluminum Honeycomb Emboss IA
① HONDA PC40E ② 599cc ③ - ps/11500rpm ④ - kgf/7000rpm		Naturally aspirated 6.8L	Manual	F.C.C. LSD	① 2 outboard ② 2 outboard Nissin calipers		Paddle Shift
① PC40E HONDA CBR600RR ② 599cc ③ 94ps/12000rpm ④ 6.8kgf/8000rpm		Naturally aspirated 6.5L	Electric Shifter with paddle clutch	ChainDrive/ F.C.C. TRAC	① 2 outboard ② 2 outboard Nissin calipers		• BrakeBalance Adjuster • DrySump
① SUZUKI LT-R450 ② 450 cc ③ 50ps/8000rpm		Naturally aspirated 4.1L	Electric Shifter	Chain Drive Spool	① 2 outboard ② 2 outboard Nissin calipers		Barrel Throttle Electric Shifter Light Weight Vehicle Paddlle Shift Spool Diff
① Kawasaki ZX600R9F ② 599cc ③ 80ps/12000rpm ④ 6.0kgf/7000rpm		Naturally aspirated 4.8L	Manual	Chain F.C.C.TRAC	① 2 outboard ② 2outboard Nissin calipers		Variable Intake System Rear Multi Link Suspension Undertray Aluminium Structural Panel
① KAWASAKI ZX600PE ② 599 cc ③ 78ps/12000rpm ④ 5.5kgf/12000rpm		Naturally aspirated 5.5L	Electric acuated shift	FCC TRAC limited slip differential	① 2 Outboard Disk ② 2 Outboard Disk Nissin Calipers		Full Cawl Oil pan Design
① PC40E HONDA CBR600RR ② 599cc ③ 69ps/11500rpm ④ 5.2kgf/7500rpm		Naturally aspirated 6.0L	Manual	Differential Lock	① 2 outboard ② 2 outboard Nissin calipers		Variable Exhaust System, Adjustable steering
① PC40E HONDA CBR600 ② 600cc ③ 62kw/6000rpm ④		Naturally aspirated 6L	Manual	ChainDrive & FCC TRAC	① 2 outboard ② 2 outboard brembro calipers		
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 Willwood calipers		2 unit frame Mono-Shock system
① 2009 KAWASAKI ZX-6R ② 599cc ③ 84ps/12500rpm ④ 5.1kgf/12000rpm		Naturally aspirated 5.5L	Manual	Chain Drive & FCC TRAC	① 2 outboard ② 2 outboard AJP calipers		2-Pedal, Light Weight 4 Pod Caliper
① PC37EHONDA CBR600 ② 600cc ③ 85ps/10500rpm ④ 5.7kgf/9000rpm		Naturally aspirated 4.8L	Electric Shifter	Chain Drive FCC TRAC	① 2 outboard ② 2 outboard Nissin calipers		Electric Shifter Traction Control System
① 2008 YAMAHA YZF-R6 ② 599cc ③ 80ps/10000rpm ④ 5.5kgf/9000rpm		Naturally aspirated 4.5L	Electric Actuate Shifter	Chain LSD	① 2 outboard brembro calipers ② 1inboard brembro calipers		

Because these specifications are data as of June, 2011, there is a case unlike a real participation vehicle.

Team Information (Vehicle Specifications)

Car No.	School Name	Country	Frame	Body-work	Suspension		① Overall Length ② Overall Height ③ Wheelbase ④ Front Track ⑤ Rear Track				① Gross Vehicle Mass ② Fr.Rr. Weight Dist. ③ Ground Clearance		Wheels & Tires
					① Front	② Rear							
22	Thai-Nichi Institute of Technology	Thailand	Steel Spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2850mm ③ 1600mm ⑤ 1180mm	② 1215mm ④ 1210mm			① 225kg ② 47:53 ③ 60mm		13 inch Yokohama A005, 13"-160/55
23	King Mongkut's University of Technology Thonburi	Thailand	steel spaceframe	Carbon Fiber	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2650mm ③ 1570mm ⑤ 1250mm	② 1065mm ④ 1250mm			① 240kg ② 50:50 ③ 51mm		6.5 inch wide Magnesium Rim 20.0x6.5 R25B hoosier
24	Doshisha University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2815mm ③ 1590mm ⑤ 1260mm	② 1195mm ④ 1260mm			① 240kg ② 40:60 ③ 60mm		13inch RS Watanabe 160/515-13 BRIDGESTONE Bias
25	University of Yamanashi	Japan	steel spaceframe	GFRP CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2900mm ③ 1685mm ⑤ 1200mm	② 1022mm ④ 1200mm			① 250kg ② 45:55 ③ 50mm		13inch RAYS TE37 180/510-13 BRIDGESTONE Bias
26	College of Industrial Technology, Nihon University	Japan	Steel Spaceframe	G-FRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2680mm ③ 1550mm ⑤ 1140mm	② 1100mm ④ 1180mm			① 190kg ② 50:50 ③ 40mm		13inch RAYS 165/60-13 YOKOHAMA NEOVA AD07
27	Nippon Institute of Technology	Japan	steel spaceframe	Fiber-carbon	① Double unequal length rocking arm A-arm ② Double unequal length rocking arm A-arm		① 2500mm ③ 1555mm ⑤ 1200mm	② 1300mm ④ 1200mm			① 200kg ② 45:55 ③ 40mm		Front:13inch 6.0J RAYS wheel TE37, 20.5/6.0-13 R25A Hoosier Rear:13inch 6.5J RS Watanabe Mg wheel, 20.5/7.0-13 R25A Hoosier
28	Nagoya University	Japan	steel spaceframe	Fiber - Carbon	① Double wishbone unequal length A-arm Pull rod ② Double wishbone unequal length A-arm Push rod		① 2790mm ③ 1535mm ⑤ 1200mm	② 1135mm ④ 1200mm			① 280[kg](GVM) ② 49:51 ③ 30[mm]		13inch RAYS Engineering TE37
29	The University of Tokyo	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2710mm ③ 1600mm ⑤ 1200mm	② 1145mm ④ 1200mm			① 219kg ② 50:50 ③ 30mm		13inch RAYS 180/510 -13 Bridgestone Bias
30	Kyoto Institute of Technology	Japan	steel spaceframe	Glass and Carbon FRP	① Double unequal length and unparallel A-arm Pull rod ② Double unequal length and unparallel A-arm Push rod		① 2450mm ③ 1550mm ⑤ 1150mm	② 1130mm ④ 1150mm			① 170kg ② 48:52 ③ 25mm		10inch 3pc Aluminum Rim 18x6.0-10 R25B Hoosier
31	Ritsumeikan University	Japan	steel spaceframe	Fiber-glass	① Single unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2650mm ③ 1550mm ⑤ 1160mm	② 980mm ④ 1200mm			① 240kg ② 48:52 ③ 15mm		13inch RAYS VOLK racing 1801510-13 Bridge Stone
32	Toyota Technical College Nagoya	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2500mm ③ 1600mm ⑤ 980mm	② 1000mm ④ 1000mm			① 280kg ② 40:60 ③ 50mm		WORK Equip 13-8J, GOODYEAR Formula Eagle RS 20.0 7.0-13
33	Kokushikan University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2610mm ③ 1700mm ⑤ 1200mm	② 1190mm ④ 1200mm			① 224kg ② 48:52 ③ 50mm		13inch RS.Watanabe Mag EIGHT SPOKE 180/510-13 BRIDGESTONE
34	Shibaura Institute of Technology	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2700mm ③ 1600mm ⑤ 1200mm	② 1160mm ④ 1200mm			① 218kg ② 47:53 ③ 35mm		13inch RAYS TE37 20.5 × 6.0-13 Hoosier
35	Chulalongkorn University	Thailand	Steel Spaceframe	Carbon-Fiber	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2600mm ③ 1650mm ⑤ 1250mm	② 1260mm ④ 1300mm			① 280kg ② 45:55 ③ 40mm		Wheels 13inch Lenso Tires ADVAN A005 180/50VR13 YOKOHAMA
36	Honda Technical College Kansai	Japan	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2850mm ③ 1600mm ⑤ 1300mm	② 990mm ④ 1300mm			① 220kg ② 45:55 ③ 30mm		10inch WATANABE Mag 8 spokes 18 × 6.0-10 Hoosier Bias
37	Meijo University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2500mm ③ 1550mm ⑤ 1120mm	② 1050mm ④ 1120mm			① 180kg ② 48:52 ③ 50mm		13inch RS WATANABE 180/510-13 BRIGESTONE Bias
38	Kinki University	Japan	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2582mm ③ 1560mm ⑤ 1200mm	② 1165mm ④ 1200mm			① 230kg ② 47:53 ③ 35mm		13inch RAYS 175/60-13 DUNLOP DIREZZA 03G
39	Kurume Institute of Technology	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2750mm ③ 1600mm ⑤ 1180mm	② 1105mm ④ 1200mm			① 215kg ② 48:52 ③ 30mm		16inch RAYS VOLK Raicing TE37 180/510-13 BRIDGESTONE Bias
40	Okayama University	Japan	steel spaceframe	GFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2700mm ③ 1600mm ⑤ 1160mm	② 1130mm ④ 1200mm			① 240kg ② 50:50 ③ 30mm		13inch RAYS 20.5 × 7.0-13 Hoosier Bias
41	International College of Information and Technology	Japan	steel spaceframe	GFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Pull rod		① 2880mm ③ 1650mm ⑤ 1250mm	② 1250mm ④ 1265mm			① 250kg ② 40:60 ③ 50mm		13inch ADVAN A050 175/60R13
42	Toyohashi University of Technology	Japan	Carbon fibre one piece monocoque	CFRP	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2792mm ③ 1550mm ⑤ 1100mm	② 1131mm ④ 1200mm			① 185kg ② 50:50 ③ 35mm		13inch student-built carbon wheel Front 20.5 x 6.0 Rear 20.5 x 6.0 BRIDGESTONE Bias

① Engine ③ max. power	② Displacement ④ max.torque	Induction Type Fuel Tank Volume	Shifter	Final Drive & Differential	Brakes		Unique Features & Notes
					① Front	② Rear	
① CBR600RR ② 600cc ③ 80ps/11500rpm ④ 5.5kgf/7000rpm		Naturally aspirated 7.5L	Electric Shifter	Chain LSD	① 2 outboard ② 2 outboard		Fiber-glass Intake Manifold
① HONDA CBR 600 RR year 2003 ② 599 cc ③ 107.2 hp /13,500 rpm ④ 45.4 ft-lb / 11,000 rpm		Naturally aspirated 7L	Manual	Shaft Torsen	① 2 outboard Nissin calipers ② 2 outboard Nissin calipers		
① Kasasaki Ninja ZX-6R ② 599cc ③ 75ps/11500rpm ④ 5.4kgf/7000rpm		Naturally aspirated 6.5L	Manual	Chain LSD	① 2 outboard ② 2inboard Nissin calipers		Recycled Carbon Fiber
① N730 SUZUKI GSR600 ② 600cc ③ 72ps/9000rpm ④ 5.2kgf/7500rpm		Naturally aspirated 6.0L	Manual	Chain LSD	① 2 outboard ② 1inboard Nissin calipers		Exhaust catalyst
① PE06EHONDA CRF450X ② 449cc ③ 48.2ps/7500rpm ④ 4.8kgf/7000rpm		Naturally aspirated 5.0L	Manual	Chain Drive F.C.C TRAC	① 2 outboard ② 2 outboard Nissin calipers		2 pedal shifter with clutch function
① 8GR YAMAHA Venture Multi-Purpose ② 500cc ③ 80ps/11250rpm ④ 5.2kgf/9000rpm		Naturally aspirated 5.0L	CVT, Automatic	Chain Drive&F. C.C.TRAC	① 2 outboard ② 2 outboard Nissin calipers		CVT,Short wheel-base
① PC40E HONDA CBR600RR ② 599cc ③ 100ps/11000rpm ④ 7kgf/8000rpm		Naturally aspirated 5.5L	Sequential Manual	Chain Drive Mechanical LSD	① 2 outboard ② 2 outboard Nissin		Intake System with Unsteady CFD Undertray 3-pedal adjustment Paddle Shift Designed Wheel
① L404 SUZUKI LT-R450 ② 450cc ③ 55ps/7000rpm ④ 5.6kgf/5000rpm		Turbocharged 7.0L	CVT	Chain LSD	① 2 outboard ② 2 outboard Nissin caliper		Electronically-controlled CVT Carbon impact attenuator
① SUZUKI LTR-450 L401 ② 450cc ③ 42ps/7500rpm ④ 4.3kgf/6000rpm		Naturally aspirated	Manual Paddle	Chain Torsen FCC track LSD	① 2 outboard ② 1inboard Nissin calipers		Smart Compact "Senren"
① zx600PE ② 600cc ③ 76ps/13000rpm ④ 5.4kgf/7000rpm		Naturally aspirated 7.3L	Manual	chain drive	① 2 outboard willwood calipers ② 1 outboard TOKIKO calipers		Variable Intake System
① 13stYAMAHA YZF-600R ② 600cc ③ 68ps/11000rpm ④ 5.4kgf/7500rpm		Naturally aspirated 6L	Manual	ShaftTorsen	① 2 outboard ② 2 outboard		torsion bar spring suspension&short track
① PC37E HONDA CBR600RR ② 600cc ③ 90ps/9000rpm ④ 85Nm/6500rpm		Turbocharged 4.9L	Electric shifter	Chain Torsen	① 2 outboard ② 2 outboard tokico calipers		Dual Injection System Turbocharged
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		Adjustable anti roll bar, Adjustable 3 pedal, Brake barance adjuster, Paddle shift, Mechanical LSD, Student build oil pan, External power supply
① HONDA CBR600RR ② 599cc ③ 79.23hp/11000rpm ④ 5.66kgm/8800rpm		Naturally aspirated 5.5 L	Manual / clutchless shifter	Clutch Type LSD	① double 4-port outboard caliper ② 4-port out board caliper		More power and flatter torque with supercharger
① PC37E HONDA CBR600RR ② 599 cc ③ 60ps/9000rpm ④ 5.0kgf/6500rpm		Naturally aspirated 5.8L	Electric Shifter	Chain Drive F.C.C TRAC	① 2 outboard ② 1inboard Nissin calipers		Electric Clutch AMT TCS Low Height Vehicle
① YAMAHA WR450FW J326E ② 450cc ③ 32kw/9000rpm ④ 40Nm/6000rpm		Naturally aspirated 3.2L	Manual	Chain Drive LSD	① 2 outboard ② 1inboard		
① Kawasaki ZX600PE ② 599cc ③ 75ps/11000rpm ④ 4.95kgf/8700rpm		Naturally aspirated 6.5L	Manual	Chain Drive F.C.C TRAC	① 2 outboard ② 2 outboard Nissin calipers		Electric shifter Dry Sump
① L404 SUZUKI LT-R450 ② 450cc ③ 60ps/6800rpm ④ 6.6kgf/5700rpm		Turbocharged 5.2L	Manual	Chain drive Mechanical LSD	① 2 outboard ② 2 outboard brembro calipers		Turbo charger Single sylinder engine
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 Boost control Dual Injection Electric shift
① P19E HONDA CBR600F-K ② 599cc ③ 93ps/11000rpm ④ 6.1kgf/8000rpm		Turbocharged 7.0L	Electric shifter	Universal Joint drive Suzuki Differetial	① 2 outboard Sumitomo ② 2 outboard Suzuki calipers		Series-Engine Turbocharged Universal Joint drive
① PC37E HONDA CBR600RR ② 599cc ③ 78ps / 12000rpm ④ 5.3kgf·m / 10000rpm		Naturally aspirated 6.0L	Electric shifter	SURETRAC limited slip differential	① 2 outboard ② 2 outboard Brembo calipers		one-piece carbon fibre composite monocoque, carbon brake rotor, carbon wheel

Team Information (Vehicle Specifications)

Car No.	School Name	Country	Frame	Body-work	Suspension		① Overall Length ② Overall Height ③ Wheelbase ④ Front Track ⑤ Rear Track			① Gross Vehicle Mass ② Fr.Rr. Weight Dist. ③ Ground Clearance		Wheels & Tires
					① Front	② Rear						
44	Shizuoka Institute of Science and Technology	Japan	steel spaceframe	GFRP	① Double unequal length A-armPull rod ② Double unequal length A-arm Pull rod		① 2800mm ② 1254mm ③ 1550mm ④ 1100mm ⑤ 1100mm			① 175kg ② 43:56 ③ 50mm		13inch RAYS TE 37 20.5/6.0-13 R35B Hoosier Bias
45	Nihon Automobile College	Japan	Steel Spaceframe	GFRP	① Double unequal length A-Arm Push rod ② Double unequal length A-Arm Push rod		① 3030mm ② 1275mm ③ 1940mm ④ 1330mm ⑤ 1330mm			① 290kg ② 40:60 ③ 50mm		13 inch ADVAN A050 175/60R13 YOKOHAMA
46	Osaka Institute of Technology	Japan	steel spaceframe	GFRP	① Unequal double wishbone pull rod ② Unequal double wishbone pull rod		① ② 1300mm ③ 1700mm ④ 1200mm ⑤ 1200mm			① 310kg ② 35:65 ③ 35mm		13inch RAYS VOLK Racing Wheel 20.0x7.0-13 GOOD YEAR SAE2
47	Gifu University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-armPull rod ② Double unequal length A-arm Push rod		① 2700mm ② 1150mm ③ 1600mm ④ 1200mm ⑤ 1160mm			① 205kg ② 45:55 ③ 50mm		13inch RAYS TE37 180/510-13 BRIDGESTON Bias
48	Daido University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-armPull rod ② Double unequal length A-arm Push rod		① 2600mm ② 1185mm ③ 1600mm ④ 1200mm ⑤ 1200mm			① 190kg ② 47:53 ③ 50mm		10inch Douglas ATV 18.0/6.0-10 R25B Hoosier Bias
49	Osaka City University	Japan	steel spaceframe	GFRP	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2400mm ② 1110mm ③ 1590mm ④ 1300mm ⑤ 1250mm			① 230kg ② 45:55 ③ 30mm		13inch Hayashi street 180/510-13 BRIDGESTONE
50	Tokyo University of Science	Japan	steel spaceframe	CFRP & GFRP	① Double unequal length A-armPull rod ② Double unequal length A-armPull rod		① 2747mm ② 1149mm ③ 1650mm ④ 1200mm ⑤ 1200mm			① 230kg ② 50:50 ③ 30mm		13inch RS Watanabe 180-510-13 BRIDGESTONE Bias
51	Tongji University	China	steel spaceframe	Glass Fiber	① Double unequal length A-armPull rod ② Double unequal length A-arm Pull rod		① 2835mm ② 1360mm ③ 1580mm ④ 1260mm ⑤ 1250mm			① 230kg ② 44:56 ③ 45mm		Continental Formula Student 205/510 R13
52	University of Fukui	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-armPull rod ② Double unequal length A-arm Pull rod		① 2859mm ② 1465mm ③ 1550mm ④ 1160mm ⑤ 1160mm			① 250kg ② 50:50 ③ 62mm		13inch RAYS 160/515-13 YOKOHAMA Bias
53	Niigata University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2750mm ② 1290mm ③ 1570mm ④ 1270mm ⑤ 1270mm			① 230kg ② 40:60 ③ 60mm		13inch RS Watanabe Magnesium 190/505_13 DUNLOP Bias
54	Setsunan University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 3328mm ② 1069mm ③ 1601mm ④ 1275mm ⑤ 1283mm			① 300kg ② 40:60 ③ 46mm		13inch Rays 180/510-13 HOOSIER
55	Hiroshima Institute of Technology	Japan	steel space pipe frame	aluminum alloy plate	① Double unequal length A-armPull rod with torsionbar ② Double unequal length A-armPull rod with torsionbar		① 2280mm ② 1130mm ③ 1530mm ④ 1100mm ⑤ 1050mm			① 165kg ② 46:54 ③ 26mm		13inch aluminium wheel one-peace 180/510-13 BRIDGESTONE Bias
56	Osaka Prefecture University	Japan	steel spaceframe	GFRP	① Double unequal length A-armPull rod ② Double unequal length A-arm Push rod		① 2850mm ② 1110mm ③ 1575mm ④ 1160mm ⑤ 1160mm			① 235kg ② 48:52 ③ 40mm		13inch Tanabe SPEEDSTAR MK-1 165/60-13 DUNLOP 02G175/60-13 DUNLOP 03G
57	Yamagata University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2600mm ② 1200mm ③ 1600mm ④ 1150mm ⑤ 1150mm			① 230kg ② 45:55 ③ 80mm		10inch RS Watanabe 18.0 x 6.0-10 Hoosier
58	Hiroshima University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-armPull rod ② Double unequal length A-arm Pull rod		① 2720mm ② 1335mm ③ 1700mm ④ 1240mm ⑤ 1200mm			① 240kg ② 40:60 ③ 50mm		13inch RS WATANABE 180/510-13 BRIDGESTONE
59	Chiba Institute of Technology	Japan	Tubular Frame	Glass fiber reinforced plastics	① Double wishbone suspension Pull rod ② Double wishbone suspension Pull rod		① 2800mm ② 1260mm ③ 1600mm ④ 1200mm ⑤ 1200mm			① 200kg ② 50:50 ③ 30mm		RS Watanabe13 inch & Hoosier 20.5 x 7.0 R13
60	Aoyama Gakuin University	Japan	steel spaceframe	GFRP	① Double unequal length A-armPull rod ② Double unequal length A-arm Pull rod		① 2670mm ② 1225mm ③ 1550mm ④ 1200mm ⑤ 1200mm			① 220kg ② 50:50 ③ 55mm		10inch RS Watanabe Aluminum EIGHT SPOKE 165/70R-10 YOKOHAMA ADVAN A032R
61	Shonan Institute of Technology	Japan	steel spaceframe	Fiber-glass	① Double unequal length : A-arm Pull rod ② Double unequal length A-arm Push rod		① 2250 mm ② 1245 mm ③ 1650 mm ④ 1350 mm ⑤ 1350 mm			① 300kg ② 50:50 ③ 70mm		14inch
62	Aso College of Automotive Engineering and Technology	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-armPull rod ② Double unequal length A-arm Push rod		① 2705mm ② 1150mm ③ 1560mm ④ 1220mm ⑤ 1200mm			① 240kg ② 45:55 ③ 50mm		13inch TE37FJ 180/510-13 BRIDGESTONE Bias
63	Meisei University	Japan	steel spaceframe	FRP Reging epoxy fiber aramid	① Double wishbone unequal length A-armPush rod ② Double unequal length A-arm Push rod monoshock		① 2199mm ② 1268mm ③ 1692mm ④ 1200mm ⑤ 1160mm			① 198kg ② 50:50 ③ 68mm		10inch YAMAHA ATV 180/510-10 DUNLOP Bias
64	Honda Technical College Kanto	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-armPull rod ② Double unequal length A-arm Pull rod		① 2450mm ② 1150mm ③ 1589mm ④ 584mm ⑤ 591mm			① 160kg ② 40:60 ③ 47mm		10inch Douglas & 18.0 x 6.0-10 hoosier Bias

※ Car No.43 Tokyo University of Agriculture and Technology : no data

① Engine ③ max. power	② Displacement ④ max.torque	Induction Type Fuel Tank Volume	Shifter	Final Drive & Differential	Brakes		Unique Features & Notes
					① Front	② Rear	
① SUZUKI LT-R450 ② 498cc ③ 40ps/8900rpm ④ 3.3kgf/6000rpm		Naturally aspirated 4.0L	Manual	Chain LSD	① 2 outboard ② 1 inboard		Twin keel
① PC40E HONDA CBR600RR ② 599 cc ③ 60 ps/10000 rpm ④ 4.2 kgf/7000 rpm		Naturally aspirated 7.5L	Manual	F.C.C Trac	① 2 outboard ② 2 outboard Wilwood calipers		Long Wheelbase, Wide Track and Safety
① SUZUKI GSX-R600 k7 ② 599cc ③ 125ps/12000rpm ④ 6.9kg-m/11500rpm		Naturally aspirated 5.0L	Sequential manual electric paddle shift	Chain LSD	① 2 outboard ② 2 outboard Nissin caliper		
① SUZUKI GSR600K6 ② 600cc ③ 90ps/11000rpm ④ 6.0kgf/10000rpm		Naturally aspirated 5.0L	4-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,CarbonUpper Arm,Hollow Drive Shaft
① YAMAHA WR450F J326E ② 450cc ③ 55ps/9000rpm ④ 4.9kgf/6500rpm		Naturally aspirated 4.2L	Electric shifter	Chain Lock	① 2 outboard ② 1inboard Nissin calipers		Electric paddle shifter Fuel injection system
① Kawasaki ZX600-N1 ② 599cc ③ 75ps/10000rpm ④ 6.1kgf/8000rpm		Naturally aspirated 6.5L	Manual	Chain Drive	① 2 outboard ② 2 outboard Nissin calipers		
① PC37E ② 599cc ③ 69ps/11500rpm ④ 5.2kgf/7500rpm		Naturally aspirated 5.0L	Manual	Chain Drive F.C.C.TRAC	① 2 outboard ② 2 outboard Nissin calipers		
① CF-188 ② 600cc ③ 38ps/6000rpm ④ 23Nm/6000rpm		Naturally aspirated 4.5L	CVT	Limited Slip Differential	① 2 outboard ② 2 outboard Wilwood calipers		Variable Intake System
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 SUZUKI GSX-R600 ② 599cc ③ 65ps/10,500rpm ④ 4.2kgf/8000rpm		Naturally aspirated 5.4L	Manual	F.C.C Differential Unit	① 2 outboard ② 2 outboard Nissin calipers		2pedal Electric shifter Paddle clutch
① SUZUKI GSX-R600 K9 ② 600cc ③ 126PS/13500rpm ④ 7.09kg-m/11500rpm		Naturally aspirated 6.7L	Manual	ShaftTorsen	① 2 pod ② 2 pod brembo calipers		
① KLX450R 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 caliper		torsion bar suspension
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 449cc ③ N/A ④ N/A		Naturally aspirated 4.0L	Manual	Chain Drive FCC TRAC	① 2 outboard ② 1 inboard Nissin calipers		
① KAWASAKI NINJA ZX-6R ② 599cc ③ 125ps/14000rpm ④ 66Nm/11700rpm		Naturally aspirated 6L	Manual	Chain drive F.C.C TRAC	① 2 outboard ② 2 outboard Nissin calipers		
① 8GC2 YAMAHA PHAZER ② 499.2cc ③ 80ps/11250rpm ④ 5.2kgf/9000rpm		Naturally aspirated 7.2L	Continuously Variable Transmission	FCC TRAC	① 2 outboard Brembo Caliper ② 2 outboard AP RACING Caliper		
① YAMAHA J326E ② 449cc ③ 60ps/9000rpm ④ 5.4kgf/6500rpm		Naturally aspirated 5L	Manual	Shaft Drive & FCCTRAC 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 J404E BC-SJ04J ② 500cc ③ 38PS/7,500r/min ④ 4.6kgf.m/4,500r/min		Naturally aspirated 5L	CVT	Chain LSD	① 2 outboard ② 2 outboard		
① SUZUKI LT-R450 ② 450cc ③ 40ps/7000rpm ④ 4.4kgf/6500rpm		Naturally aspirated 7L	Manual	Chain drive	① 2 outboard ② 2 outboard		
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		Twin Chassis
① PE06EHONDA CRF450X ② 450cc ③ 54.4ps/7500rpm ④ 4.9kgf/5680rpm		Naturally aspirated 3L	Manual	Belt Drive with L.S.D	① 2 outboard ② 2 outboard AJP calipers		Torsion Bar Suspension

Team Information (Vehicle Specifications)

Car No.	School Name	Country	Frame	Body-work	Suspension		① Overall Length ② Overall Height ③ Wheelbase ④ Front Track ⑤ Rear Track			① Gross Vehicle Mass ② Fr.Rr. Weight Dist. ③ Ground Clearance			Wheels & Tires
					① Front	② Rear							
65	Tottori University	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2700mm ② 1100mm ③ 1600mm ④ 1200mm ⑤ 1200mm			① 250kg ② 45:55 ③ 70mm			13inch 180/515-13
66	Kanagawa Institute of Technology	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2700mm ② 1073mm ③ 1600mm ④ 1200mm ⑤ 1150mm			① 165kg ② 50:50 ③ 40mm			10inch Keizer 18 × 6.0-10 R25B Hoosier
67	Kanazawa Institute of Technology	Japan	steel spaceframe	GFRP	① Aluminum alloy Double unequal length A-arm Pull rod ② Aluminum alloy Double unequal length A-arm Push rod		① 2730mm ② 1000mm ③ 1630mm ④ 1200mm ⑤ 1200mm			① 225kg ② 44:56 ③ 35mm			13 inch Magnesium alloy wheel 6.0J offset ± 0 180/510-13 Hoosier
68	Waseda University	Japan	Steel Spaceframe	GFRP	① Double unequal length A-arm-Push rod ② Double unequal length A-arm Push rod		① 2450mm ② 1200mm ③ 1580mm ④ 1180mm ⑤ 1210mm			① 240kg ② 48:52 ③ 30mm			13inch RAYS 150/530-13 BRIDGESTONE SlickBias
69	Saitama Institute of Technology	Japan	steel spaceframe	FRP	① Double wishbone suspension ② Double wishbone suspension		① 2780mm ② 1200mm ③ 1700mm ④ 1280mm ⑤ 1290mm			① 254kg ② 50:50 ③ 50mm			13inch Watanabe Mg 180/510-13 BRIDGESTONE Bias
70	Tokyo Metropolitan University	Japan	steel spaceframe	carbon mono-coque	① strat ② watts link		① 2200mm ② 1100mm ③ 1530mm ④ 1120mm ⑤ 1120mm			① 200kg ② 44:55 ③ 30mm			10inch Racing Service WATANABE Hoosier
71	Fukui University of Technology	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Pull rod		① 2540mm ② 1150mm ③ 1600mm ④ 1400mm ⑤ 1100mm			① 320kg ② 50:50 ③ 50mm			13inch RAYS TE37 YOKOHAMA A048 SS 175/505R13
72	Kyusyu Sangyo University	Japan	steel spaceframe	GFRP	① Double unequal length A-arm push rod ② Double unequal length A-arm Push rod		① 2800mm ② 1375mm ③ 1600mm ④ 1200mm ⑤ 1200mm			① 280kg ② 40:60 ③ 50mm			13inch RS Watanabe 180/510-13 slick tires
73	Hokkaido Automotive Engineering College	Japan	steel spaceframe	GFRP	① Double Wish Bone ② Double Wish Bone		① 2760mm ② 1459mm ③ 1700mm ④ 1300mm ⑤ 1460mm			① 320kg ② 30:70 ③ 40mm			13inci 160/55-13
74	Toyama Prefectural University	Japan	steel spaceframe	G-FRP	① Unequal length double wishbone type suspension ② Unequal length double wishbone type suspension		① 2500mm ② 1200mm ③ 1800mm ④ 1200mm ⑤ 1200mm			① 300kg ② 45:55 ③ 35mm			13inch nodata
75	VNR Vignana Jyothi Institute of Engineering and Technology	India	spaceframe	glass fibre	① Double unequal length A-arm push rod ② Double unequal length A-arm push rod		① 3100mm ② 1250mm ③ 1750mm ④ 1320mm ⑤ 1280mm			① 300kg ② 40:60 ③ 50mm			13 inch wheels & hoosier racing slicks
80	Beijing Institute of Technology	China	steel spaceframe	Fiber-carbon	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 3000mm ② 1250mm ③ 1550mm ④ 1210mm ⑤ 1170mm			① 220kg ② 40:60 ③ 30mm			10inch KEIZER 6.0/18.0-10 HOOSIER Bias
81	Harbin Institute of Technology at WeiHai	China	Semi-monocoque, front carbon monocoque & rear steel spaceframe	CFRP	① Double unequal length A-arm Push rod actuated, horizontally oriented spring and damper ② Double unequal length A-arm Push rod actuated, horizontally oriented spring and damper		① 3225mm ② 1145mm ③ 1600mm ④ 1200mm ⑤ 1175mm			① 220kg ② 45:55 ③ 32mm			Wanfeng 13inch 1pc Aluminium Wheel, 7inch wide, 35.5mm offset Hoosier 20.5"7.0-13 R25B
82	Siam University	Thailand	steel spaceframe	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2800mm ② 1700mm ③ 1530mm ④ 1250mm ⑤ 1200mm			① 230kg ② 55mm			13inch Hoosier Slick 20.5 x 7.0
83	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	Pakistan	steel 1010 space-frame	Mild steel sheets	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 1825mm ② 904mm ③ 1338mm ④ 892mm ⑤ 1055mm			① 250kg approx ② 30:70 ③ 110mm			8 inch locally manufactured
84	Swinburne University of Technology	Australia	Steel Spaceframe	Carbon Fibre	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2752mm ② 1230mm ③ 1580mm ④ 1170mm ⑤ 1120mm			① 240kg ② 50:50 ③ 25mm			13inch Custom Aluminium Rims 20.0 x 7 - 13 Goodyear Eagle
85	Okayama University of Science	Japan	steel spaceframe	aluminum alloy plate	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2250mm ② 1140mm ③ 1800mm ④ 1320mm ⑤ 1320mm			① 250kg ② 40:60 ③ 60mm			14inch 165/55R14
86	University of Toyama	Japan	steel spaceframe	Fiber-glass	① Double unequal length A-arm Pull rod ② Double unequal length A-arm Push rod		① 2700mm ② 1260mm ③ 1600mm ④ 1150mm ⑤ 1150mm			① 300kg ② 47:53 ③ 50mm			13inch YAMAHA ATV 160/515-10 DUNLOP Bias
87	Universitas Gadjah Mada	Indonesia	mild steel	Fiber-glass	① Double unequal length A-arm Push rod ② Double unequal length A-arm Push rod		① 2670mm ② 1160mm ③ 1750mm ④ 1300mm ⑤ 1300mm			① 190kg ② 40:60 ③ 60mm			15inch 195/50-15 ARCHILLES

* Car No.76 The University of Kitakyushu, Car No.77 Maharaja Agrasen Institute of Technology, Car No.78 Reva Institute of Technology and Management, Car No.79 Amrita School of Engineering : no data

① Engine ③ max. power	② Displacement ④ max.torque	Induction Type Fuel Tank Volume	Shifter	Final Drive & Differential	Brakes		Unique Features & Notes
					① Front	② Rear	
① KAWASAKI ZX-6R (09Model) ② 599cc ③ 128ps/14000rpm ④ 66.7N/m/11800rpm(from catalogdata)		Naturally aspirated 6.0L	Manual	Chain F.C.C TRAC	① 2 outboard ② 2 outboard Nissin calipers		Pedal
① PE06E HONDA CRF450X ② 450cc ③ 75ps/9000rpm ④ 6.5kgf/5500rpm		Turbocharged 6L	Manual	Chain LSD	① 2 outboard ② 1 inboard Brembo calipers		Turbocharger Start-off-system Single Keel Original Fuel Injection system
① N735 SUZUKI GSX-R600K9 ② 600cc ③ 81ps/11000rpm ④ 5.3kgf/9000rpm		Naturally aspirated 6.0L	Electric ac- tuated shifter /Manual	Chain Drive	① 2 outboard ② 2 outboard Nissin calipers		Aluminum alloy A-arm , Original wheel
① GSX600R ② 599cc ③ 66ps/11500rpm ④ 6.8kgf/10500rpm		Naturally aspirated 5.0L	Manual	Chain FCC TRAC	① 2 outboard ② 2 outboard Brembo calipers		High Efficiency Suspension 4WS, Front Mounted Radiator
① PC40EHONDA CBR600RR ② 599cc ③ 69ps/11500rpm ④ 5.2kgf/8500rpm		Naturally aspirated 6.9L	Manual	Chain drive LSD	① 2 outboard ② 2 outboard Nissin calipers		
① PE06E ② 450cc ③ 29ps/7000rpm ④ 3.2kgf/5500rpm		Naturally aspirated 3.4L	Manual	nothing	① 2 pod disc ② 1 pod disc		nothing
① PC35E HONDA CBR600RR ② 599cc ③ 75ps/11500rpm ④ 5.4kgf/7000rpm		Naturally aspirated 6.5L	Manual	Chain F.C.C.TRAC	① 2 outboard ② 2 outboard Nissin calipers		Electric Shifter FRP Surge Tank
① 2008 KAWASAKI ZX-6R ② 599cc ③ 53kW/10500rpm ④ 52.9Nm/8000rpm		Naturally aspirated 6.0L	Manual	Chain Drive & FCCTRAC	① 2 outboard Brembo calipers ② 2 outboard Brembo calipers		
① PF01E HONDA Silver Wing 600 ② 582cc ③ 49ps/7500rpm ④ 5.4kgf/6500rpm		Naturally aspirated 7.2L	CVT	chain drive	① 2 outboard ② 2 outboard		2pedal
① PC40E HONDA CBR600RR ② 600cc ③ 65ps/7500rpm ④ nodata		Naturally aspirated 7.5L	Manual	Torque-sensitive LSD	① outboard disk brake ② outboard disk brake		nodata
① HONDA CBR F4i ② 600cc ③ 70hp/10000rpm ④ 5.3kg-m/8000rpm		Naturally aspirated 7.5 L	Manual	chain limited slip	① 2 outboard ② 2 outboard		
① PC35EHONDA CBR600F4i ② 600cc ③ 75ps/11500rpm ④ 5.4kgf/7000rpm		Naturally aspirated 5L	Pneumatic	Shaft DREXLER	① 2 outboard ② 2 outboard Wilwood calipers		
① HONDA CBR600F4i PC35E ② 599cc ③ 75ps/11500rpm ④ 5.4kgf/7000rpm		Naturally aspirated 7.5L	Manual	525 Chain, Final 3.6875, CUSCO LSD with student design aluminium house	Outboard Wilwood Dynapro Single Billet Caliper		Semi-monocoque & efficiency aero dynamics
① HONDA CBR600RR ② 600cc ③ 10000rpm ④ 8000rpm		Naturally aspirated 4.85L	Manual	ShaftTorsen	① Nissin calipers ② Nissin calipers		
① Kawasaki ZX-6R ② 599cc ③ 105 hp approx ④ 60 Nm approx		gravity feed 10 L	Manual	Rear wheel drive and bevel gear differential	① Locally manufactured Disk brakes ② Locally manufactured Disk brakes		will try to include front and rear wings
① HONDA CBR600RR ② 599cc ③ 68kW/11300rpm ④ 74Nm/7400rpm		Naturally aspirated 6.0L	Manual	Chain Drive Custom Adjust- able Differential	① 2 outboard ② 2 outboard Brembo calipers		High Reliability Ease of Maintenance Custom Adjustable Differential Blade Style Adjustable ARB's Custom Wet Sump 2 Piece Chassis
① KLX450R ② 449cc ③ 25ps/7000rpm ④ 3.5kgf/5000rpm		Naturally aspirated 3.7L	Manual	Chain Drive No Diff	① 2 outboard ② 1 inboard Nissin calipers		
① PC35EHONDA CBR600F4i ② 600cc ③ 75ps/11500rpm ④ 5.4kgf/7000rpm		Naturally aspirated 7.0L	Manual	ShaftTorsen	① 2 outboard ② 1 inboard Nissin calipers		Variable Intake System
① Suzuki GS 250 (modified) ② 322cc ③ unknown ④ unknown		Naturally aspirated 6.0L	Manual	Shaft Torsen	① 2 outboard ② 2 outboard Kitaco calipers		① 3 pedals

Team Information (Members and Sponsors)

*(CP)Team Captain (FA)Faculty Adviser (MBR)Team Member Team Member: As of July 20, 2011

1 Osaka University

Team Members

(CP)Takuto Kubori (FA1)Kenji Yoshida (FA2)Fumiteru Akamatsu (MBR)Akinobu Goto, Kyohei Izumi, Koji Nagase, Tetsuya Osio, Toshiaki Matsuura, Ryosuke Oketani, Toshiaki Sato, Kaname Tatani, Takumi Tokinoya, Takayuki Tanabe, Takeyuki Asai, Suminaka Makoto, Karin Morita, Tetsusi Yamamoto, Naoki Ikuhara, Yoshiyuki Matsumoto, Shinichi Okunishi, Shinya Katsura, Daiki Takai, Katsuhumi Sugimoto, Ryuichi Hotta, Takatoshi Yokoyama, Kenta Ueda, Yoshiaki Maruyama, Kouhei Kikuta, Takahiro Ide

Feature of car and express team wishes of the competition

This year, we drive for entire integrated development under new concept, "Follow of high performance when corner approach". We won't satisfy with result of last year, and drive for championship by our new machine that has many new developments.

Team sponsors

Kawasaki, KOBELCO, Osaka-univ, Osaka-univ Frontier Research Center, DAIHATSU, Fuji Seimitsu, MISUMI, UEDA, NGK, NTN, F.C.C, KITA KOBE CIRCUIT, KUWAHARA, Kokuyo, Signal, CDAJ, SUMITOMO ELECTRIC HARDMETAL, Sumitomo Wiring Systems, SUMITOMO METALS, Solidworks, TIGER, Daitou, YOKOGAWA, NHK, Kyowa, WAKOS, ALtechno, VI-grade, HOPEC, Sanyo Chemical Industries, NISSIN, Minebea, MITSUBISHI RAYON, deLTA, Keihin, CRADLE, MORISHIN, Blenny, Kinokuni, RAYS, NIPPON WELDING ROD, BRIDGESTONE, KYOWA, TOHNICHI, NOP



2 Sophia University

Team Members

(CP)Yusuke Nakano (FA1)Takashi Suzuki (FA2)Yasufumi Oguri (MBR)Shota Kadokura, Chanjoo Ahn, Mitsuru Wakabayashi, Ryo Masutani, Hiroki Toshitani, Tatsuyoshi Nakafuku, Ryusuke Masumoto, Akihiro Saitoh, Yusuke Arai, Taro Inayoshi, Fujimoto Tetsuya, Yoshiki Fukuhara, Tamaki Aratani, Yurie Haraguchi, Taiki Satoh, Yujiro Fujita, Yoshinori Ishikawa, Tomoka Sumikawa, Asuka Uemura, Chuna U, Naoya Kimata, Wataru Miyaji, Chihiro Takei, Ryo Ueda, Takeru Watanabe, Sena Tateyama

Feature of car and express team wishes of the competition

"Prove to the world." With this concept, we have been attending the Formula-SAE competitions in United States, United Kingdom, and Australia since 2000, enriching experience and knowledge on engineering and team management. We adopted new engine, and rear monocoque this year. Enjoy our dramatic improvement with SR10.

Team sponsors

Yamaha Motor, PTC, Kistler Japan, Bridgestone, NISSAN DIESEL MOTOR, TOYOTA motor sports, Okajima Pipe, BESTEX, RK EXCEL, MIYAKO HYDRAULIC BRAKE MFG, Continental Automotive, Yamato Scale, MSC software, TOHO TENAX, Nissin Kogyo, Fluent Asia Pacific, Tokyo R&D, NTN, tohoku radiator, GAT, FUJITSUBO GIKEN KOGYO, FCC, Yokogawa Electric, Furukawa-Sky, AVO/MoTeC Japan, NICHIRIN, TOYO TIRE&RUBBER, DYNATEC, Honda Racing, THK, KGT, Maxell Siontec, Daiichi Onkyo, Racing service Watanabe, Dome, The MathWorks, The Dow Chemical, Reserch Center of Computational Mechanics, Taguchi Pattern Works, VI-grade, WAKO CHEMICAL, OGURA CLUTCH, AVASYS, MISUMI Group, ASPECT, CYAN, Musashisakai Driving School, SportsGain, FARO, TANAKA INDUSTRIAL, Nihon Automobile College, VANTEC, BEAR, MOBARA TWIN CIRCUIT, Blenny Giken, Nippon Institute of Technology



3 Yokohama National University

Team Members

(CP)Suzuki Hiroki (FA1)Sato Yasukazu (MBR)Kazushi Arafuka, Keita Eto, Hiroki Yada, Takumi Negishi, Wataru Goto, Takuya Tamura, Jin Miyazawa, Takashi MICHIGAMI, Yuho Omiya, Tomoki Tamura, Kentaro Sone, Naoyuki Takase, Subaru Saito, Kota Akiyama, Azumi Mori, Ryouta Yokoyama, Terumasa Tanaka, Junya Kamei, Ryota Otaki, Hidemasa Nakajima, Hiroto Yoshimura, Takashi Yoda, Ai Murakami, Kaito Nakagawa

Feature of car and express team wishes of the competition

Analyzing last year's car, we focused on cornering performance. This year's car is smaller and more efficient than last year's. We will get a championship!

Team sponsors

AZAPA, Autodesk, DYNATECH, MOTUL(TECHNOIL JAPON K.K.), KANTO Industrial College,

Kitadai Machine factory, Junior Motor Park Quick Hanyu, ZF Japan, TRUMPF, MEC TEC, Tohnichi Mfg, Yokohama RF Industries, NAKANISHI GEAR, YASUHISA Machinery, Tashiro, NSK, NTN, S-GRID, Ibrida Cell, N.M.B Sales, Kanagawa Atsuta, KINOKUNI Enterprise, CAMbrain, BRAIN&TRUST, FCdesign, CYBERNET SYSTEMS, SANWA PLATING INDUSTRY INCORPORATED, SHINSEIKO, SUPER AUTOBACS YOKOHAMA MINATO MIRAI, Solid Works, Japan, TABATA Radiator, Nissin Kogyo, NHK SPRING, Honda Motor, Yamasakigiken Industry, KYOWA KOGYO, NIIGATA, Sumitomo Wiring Systems, Sumitomo Light Metal Industries, Amon, KURE Engineering, SANRIZ KAKO, Kaimei Small Precision, MISUMI Group, igus, SHOWA, SYNCFOR, ISHI Precision,



4 Tokyo City University

Team Members

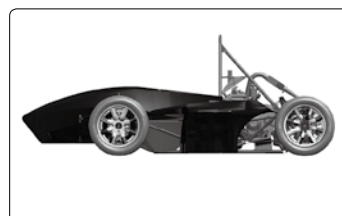
(CP)Shun Yokoyama (FA1)Yuji Mihara (MBR)Chiho Mizuno, Toshiya Seki, Hikaru Mamiya, Yuta Miyashige, Takuya Yamagata, Takazumi Ishimatsu, Toshihiro Inuzuka, Koki Ota, Tatsuya Kawahara, Yuji Kobayashi, Jun Shiina, Ryuta Sekiguchi, Syunpei Hisamitsu, Takaki Morimoto, Shigeki Kawachi, Yoshihiro Sakai, Hiroki Sato, Ryuichi Takashima, Syo Tsukinoki, Syohei Hamada, Shigemi Mizuno, Yoshihiro Yokota, Tsubasa Amano, Daijiro Ishii, Takumi Ito, Makito Usui, Shingo Ono, Takuya Kameyama, Masaaki Shibata, Aran Seshita, Satoshi Takahashi, Akihiro Nakada, Kazuya Matsunaga, Yukihide Matsumoto, Wataru Kondo

Feature of car and express team wishes of the competition

We changed from the 10inch wheels to the 13inch wheels at current year. We choosed the four cylinder engine as the last year. In addition, we achieved the improvement of both turning characteristics and the acceleration performance by making it to a compact vehicle.

Team sponsors

AVO/MoTeC Japan, NTN, UD Trucks Corporation, AOKI-KOGYOSHO, IWAMOTO, F.C.C., OSCO Industries, KITAMURA KOGYO, KINOKUNI Enterprise, KYOWA, KYOWA KOGYO, KUWAHARA INTERNATIONAL, goto scholarship society, Kohara Gear Industry, KOYAMA Garage, CYBERNET SYSTEMS, Quick HANYU, SHINSEI-SP, 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, NISSAN, Nissin Kogyo, Nippon Light Metal, NIKKEN Manufacturing, NHK SPRING, U-PiCA, PIOLAX, HI-LEX CORPORATION, Fuji Manufacturing, Fuji Seimitsu, THE FURUKAWA BATTERY, BEAR RACING SERVICE, HONDA, Meister Club, MISUMI Corporation, LittleGarage, Racing service WATANABE



5 Tokai University

Team Members

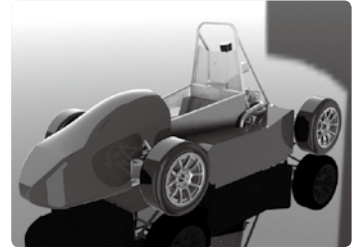
(CP)Daisuke Kaku (FA1)Tatsuya Morishita (MBR)Tomofumi Suwa, Naotaka Watanabe, Kenta Shimizu, Tkauya Kanai, Yuya Fujiwara, Issei Sakamoto, Ryosuke Mori, Sadayoshi Matsumoto, Ryosuke Matsumoto, Seiya Suzuki

Feature of car and express team wishes of the competition

The concept of our machine for 2011 is to improve not only for the machine performance but also drivability and easiness of the maintenance. We have designed and developed this machine by only the students who are matriculated on 2009. Moreover, we also make best effort to improve isometric investigation to Achieve our final goal, TO WIN SAE Student Formulary car Japan Champion ship 2011

Team sponsors

SUZUKI, F.P.JAPAN, INOUE BORING, TOM'S, PROGU, FEDERAL MOGUL, TOTAL Lubricants JAPAN, OIKAWA Seisakusyo, VIEWTEC, N.E. GOOD YEAR, Suzumura Seisakusyo, KOIWA, JUNIOR MOTOR PARK Quick HANYU, CD-adapco, NTN, AVO/MoTeC Japan, Garage Tyabatake, ANSYS CYBERNET, Solid Works, NISIN, F.C.C, RENT, GOOD RIDGE JAPAN, MISUMI, TOKAI BANE, KUWAHARA BIKEWORKS JAPAN, Super AUTOBACS Syounan Hirathuka Shop, SUMICO, NAP'S, HURRICANE, Bright Logic, KOTAKI, Dynatech, Nakayama Lining, Y.P.SYSTEM, TOKAI UNIVERSITY KIYU ALUMIN, Keio Kanko, cyan, WEST RACING CARS, MIKUNI, TAN-EI-SYA WHEEL SUPPLY, TOKA SEIKI, HONDA, NISSAN,



6 Shizuoka University

Team Members

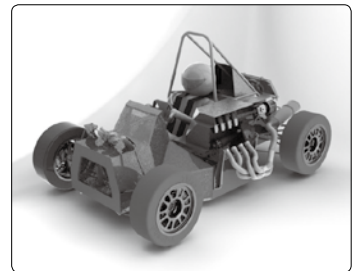
(CP)Kurita Tomosuke (FA1)Fukuta Mitsuhiro (MBR)Hisao Fukuhara, Yuki Saito, Tatsuya Matsukawa, Kazuya Masuda, Shintaro Hiragi, Ryosuke Naito, Megumi Anzai, Noritaka Kimura, Hiroto Takayanagi, Yusuke Takayama, Taketo Uchino, Yuki Kumakiri, Tomosuke Kurita, Daiki Goto, Shohei Sakata, Shinji Sano, Keita Suzuki, Tomonari Nebashi, Yuki Miyasaka, Hiroshi Takada, Motohiro Kawamori, Junki Sumiyama, Hayato Sakai, Shin Imoto, yuki sato, yuuya komaki, Yuki Isobe, Kenta Hagiwara, Shouhei Takahashi, Kousuke Shinoda, Kosuke Takeda, Daichi Sato, Yoshiyuki Yamamoto, Masahiro Iwao, Atsushi Umeda, Yasuki Miyazaki, Masahito Watahiki, Sayaka Nishimura, Mamoru Shibata, Yukio Nakazawa, Takuya Kibune, Naoto Watanabe, Kodai Kikushima, Takuma Tsuchimoto, Hidetoshi Motoki, Kazuki Okada, Yuri Ota

Feature of car and express team wishes of the competition

We designed Vehicle SS-611 in the machine concept "Pursuit of the speed and the drivability". We pursue the goal of victory to get accomplished this machine concept.

Team sponsors

R's, AKOYA HIGH TECH, Umesawa Cyu-kou, NRS, NMB, OMRON, KANEKO GEAR, Cyan, CYBERNET SYSTEMS, CD-adapco JAPAN, Shitoro Sogyo, Showa Aircraft Industry, SHINBA IRON WORKS, SUZUKI, SUZUKI-WORLD-Hamamatsu, Sumitomo Wiring Systems, Solid Works Japan, DOWWakoh, DAYTONA, TOHNICHI, T-CEC, TOYO SOKKI, TOM's, Nicole Marketing, NIPPON LOCK, Hamamatsu Active Machine Industry Organization, Henkel Japan, MARUICHI, MARUTSU ELE, MISUMI, Mooncraft, Quick Hamana, RAYS, WAKO-CHEMICAL, AVO / MoTeC JAPAN, Hoosier Racing Tire Corp, NTN, O.Z. S.p.A.



7 Nagoya Institute of Technology

Team Members

(CP)Toyohiro Ito (FA1)Kazuhiko Kitamura (MBR)Hiroaki Inoue, Masayoshi Ishikawa, Akiyoshi Endo, Shiori Yamaoka, Makoto Kuroyanagi, Miyuki Imai, Yusuke Yamauchi, Takayuki Sakai, Kazuya Kawai, Yusuke Sawaki, Taro Yoshida, Yuya Yogo, Omi Sakai, Taisei Ishikawa, Yasura Dodo, Yoshihiro Matsuki, Kentaro Baba

Feature of car and express team wishes of the competition

Team sponsors



8 Kanazawa University

Team Members

(CP)Ryuhei Hagura (FA1)Hieda Noboru (FA2) (MBR)Yuta Hayashi, Hldeki Yoshikawa, Kazunari Kuroda, Tsubasa Takagi, Toru Hanagata, Keisuke Kobayashi, Aguri Nakajima, Soichiro Murai, Yusuke Wada, Tatsuya Fukui, Ryuji Ohta, Kosuke Shibuya, Kosuke Nishioka, Kohei Izumi

Feature of car and express team wishes of the competition

The vehicle concept is "Reliable". To aim at the improvement of operativeness to obtain the driver's trust, and to achieve it, the improvement of production was aimed and developed. It makes a comeback to the victory stand with the machine that adds a new change and the improvement.

Team sponsors

AISAN INDUSTRY, AISIN AW INDUSTRIAL, ALINCO, ALTECHNO, RS.SANSAI, IZAK, ISHIHARA-METAL MANUFACTURING, IBSJ, Uno Sanso, Uno Haguruma, ENUMA CHAIN MFG, NTN, MSC Software, OKAJIMA PIPE, Kanazawa Kogyokai, Kanazawa University Technical Support Center, KINOKUNI ENTERPRISE, KINOSHITA

MANUFACTORY, KEINZ PERFORMANCE ENGINEERING, KOMATSU NTC, Continental Automotive, 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, TANIDA, CHADANI TEKKO, DATA DYNAMICS, TEKNOMAX, iSiD, TOKYO ROKI, TODOROKI SANGYO, TOHNICHI, NAOX, NAGAYAMA JIBI INKOUKA IIN, NICOLE, NISHIMURA JIGU, NISSO SERVICE, NIPPON OIL PUMP, Kistler Japan, NIHON DATA SYSTEM, NIPPON PAINT, Neorium Technology, HAGA KIGATA KANAGATA SEISAKUSHO, Honeywell, BABA KAGAKU KOUGYO, HANSHIN NEJI, NISSIN, HYUGA SEISAKUSHO, HIGASHIYAMA, Blenny Giken, FUJI SHAFT, PFU, FURUKAWA SKY, First Molding, hokusho-shouji, PROJECT TOMBOY, THE HOKKOKU SHIMBUN, BOSCH, Mabuchi Motor, mitokogyo, MORITA KOGYO, Yamaha Motor, LOCK FASTENER, VI-grade, SEKI, WAKO CHEMICAL, Yamamoto



Team Information (Members and Sponsors)

9 *Kyoto University*

Team Members

(CP)Takuma Fuji (FA1)Iwao Yamaji (MBR)Tomoyuki Takeda, Shigeyoshi Okunishi, Kazuki Ohashi, Hideaki Sakai, Junichi Izawa, Atsuki Matsuoka, Hiroki Mori, Tadamasa Takahashi, Takaomi Ogawa, Syota Tsukamoto

Feature of car and express team wishes of the competition

Our complete redesigned machine "KZ-RR09" debut using our traditional aluminium frame. We achieved reducing mass to 160kg with 1cylinder-engine, gear-drive, and many other technologies. KZ-RR09 will have given us the first VICTORY since our team was founded 9 years ago.

Team sponsors

THE MACHINE TOOL COMPANY MORI SEIKI, YAMAHA, SUMITOMO ELECTRIC HARDMETAL, JTEKT, NTN, Furukawa-Sky, Solid Wiring System, TAIYO MACHINERY, MOTUL, KOBELCO, DENSO, F.C.C., Ito seisakusyo, Yamagishi honpo, MEDICAL CORPORATION KEISHINKAI, HAYAMI Kyousei Shika, TANAKA FACTORY, MAZDA, TIRE BOX Evolve, VI grade, DAIHATSU, nies, YANMAR, umihira, Biwako Sports Land, meihan sports land, Contec Labo, Matsumoto Kinzoku, Enterprise Wai, Keikikai, A Machine Tool Laboratory of Kyoto University



10 *Ibaraki University*

Team Members

(CP)Tatsuya Miyata (FA1)Soichiro Nishino (MBR)Haruki Ishinabe, Shingo Ito, Yoshiaki Sato, Masahiro Suzuki, Tomohiro Hasegawa, Tomomi Tobita, Shuheji Kojima, Yuto Kobayashi, Tomonori Kuriyama, Masaru Iioka, Akihiro Komori, Ryoma Koga, Masanori Kobayashi, Kohei Fujimaki, Kanno Shunsuke, Mayumi Hangai, Koichiro Otake, Shuji Iimura, Daiki Kitajima, Daitoku Kenta

Feature of car and express team wishes of the competition

Team sponsors



11 *Hokkaido University*

Team Members

(CP)Kazuki Watanabe (FA1)Takemi Tikhisa (FA2)Hideyuki Ogawa(FA3)Yutaka Tabe(FA4)Gen Shibata (MBR)Susumu Kobayashi, Syuiti Miyashita, Ken Terakawa, Katuhiro Kato, Arif Iskandar, Takuya Kuni, Kai Yamada, Fatinnur Salsabeel Binti Iskhandar

Feature of car and express team wishes of the competition

This year's machine concept is "Manufacturability and Maintainability". We simplified the manufacturing process, and machine design placed great importance on ease of machine setting. We aim at a higher rank by smoothly doing production and the adjustment and receiving the rally by a through setting.

Team sponsors

early tech, early garage, ISID Hokkaido, Assist, Arakawa Radiator Works, INGING APP Division, INTERCEPTOR, NTN, F.C.C, O&K Corporation, KYOWA KOGYO, CUSCO Sapporo, KRMS SAPPORO, NEW CHITOSE MOTOR LAND, SINBA IRON WORKS, Sugimoto Kinzoku, SODA's Factory, SolidWorks Japan, DYNAX, Taiheiyō ferry, TOYOTA Rent a Car SAPPORO, Nissan Kogyo, HOKKAIDO SHEARING, BOSCH, HONDA Motor, Mainichi Communications, MAEDA METAL INDUSTRIES, MISUMI, Minebea, Yutaka Giken, RACING SERVICE Watanabe, WORLD YAMAUCHI



12 *Utsunomiya University*

Team Members

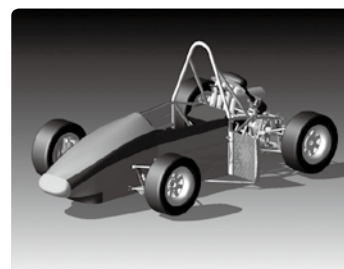
(CP)Shun-ichi Ushiyama (FA1)Hitoshi Sugiyama (FA2)Naoto Kato (MBR)Tetsuya Sato, Ryuta Kinoshita, Takafumi Saito, Yoshito Akune, Genki Izawa, Shogo Kawaharada, Yasuhiro Horie, Kazuma Kawahata, Ryo Nitta, Koichiro Maki, Kazunari Eguchi, Eiji Kida, Haruki Ikeda, Yusa Kazuma

Feature of car and express team wishes of the competition

The development concept of new vehicle UF-09 is "Smoothness & Stability". It improved a motion performance of slalom and corner exit. We leave grades more than it in all competitions in last year and aim at the overall victory.

Team sponsors

ASAHI KASEI CONSTRUCTION MATERIALS, ALINCO, Altechno, ANSYS, IGASHIRA MOTOR PARK, ISHIKAWA INK, 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, Tochigi-it, TOKO RADIATOR, TONICHI, TRIBO JAPAN, NANOTEC/TS Japan, NBK, Nissin Kogyo, NHK, NIPPON PAPER CRECIA, Japan U-PiCA, HI-LEX Corporation, Featherfield, Fuji Seimitsu, BLenny, PLOT, Honda Motor, Honda Lock, MISUMI, Mitsubishi Fuso Track & Bus, Murata Spring, Yachiyo Industry, Yamada Manufacturing, YAMAWA, Yutaka Giken, Yoshidenshi, Watanabe Metal



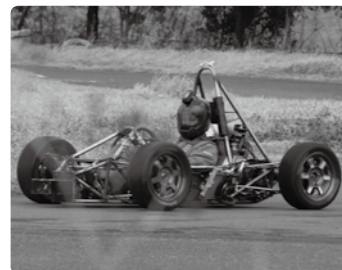
13 Keio University

Team Members

(CP)Daigo Noguchi (FA1)Norimasa Iida (FA2)Toshio Morita (MBR)Tomohiro Ishikawa, Tomoyuki Iso, Kazuki Okusa, Yusuke Kunii, Natsuki Matsukawa, Kuniko Yamahata, Takahiro Akutsu, Yuuji Imoto, Akihiro Kita, Sena Kurachi, Takashi Suzuki, Syouta Hocchi, Akimasa Takayama, Masayuki Kadooka, Takumi Matsunobu

Feature of car and express team wishes of the competition

Team sponsors



14 Kobe University

Team Members

(CP)Hisaaki Kohno (FA1)Keiichi Shirase (FA2)Yasuyoshi Yokokohji (FA3)Hidenori Nkatsuji (MBR)Atsushi Hakotani, Junki Kitano, Masaaki Kitano, Naoya Masada, Kiyohito Aiba, Ryo Sato, Ryota Nakao, Masaru Miyazaki, Yuya Teranaka, Kenta Tabuchi, Tomoki Maeda, Hayato Funahashi

Feature of car and express team wishes of the competition

Team sponsors



15 Osaka Sangyo University

Team Members

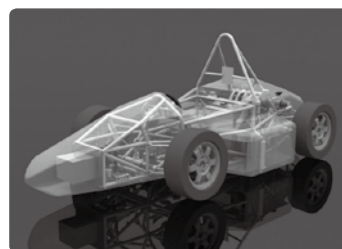
(CP)Yoshikazu Motone (FA1)Hiroyuki Ueda (MBR)Yusuke Nose, Naoki Kawabe, Shinya Yamada

Feature of car and express team wishes of the competition

Our point is rightness of strength end rigidity. And we planed car performance up which based on last years car. Perfect running all ivent and our goal is synthesis within 10th place.

Team sponsors

Kawasaki, RS TAICHI, Ueda, NTN, F.C.C, Kuni chemical, Sanwa plating industry, Sunayama plant, Sportslandikoma, Sumitomo wiring systems, SuwaLinks, SolidWorks, Daizo Nichimoly, DaitoRadiator industries, Daihatsu Motor, Takata, Tani iron works, Nissin industrial, Matsuda, Misumi, Megatech, Moriyasu iron works, RAYS, Wako chemical, Osaka Sangyo University



16 Seikei University

Team Members

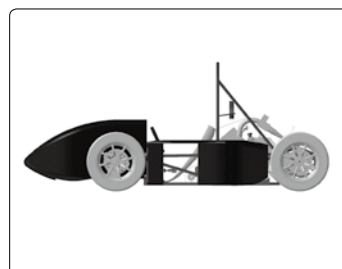
(CP)Shotaro Sakakibara (FA1)Junji Horiguchi (FA2)michinori satou (MBR)kazuki kasai, Kazutaka Yamada, Shohei Fukao, Ryosuke Sagawa, Daisuke Sekine, Akira Kamimoto, Shintaro Sekine, Keske Honda, Shogo Usuda, Asako Yasui, Yuko Matayoshi, Kazuki Hiratuka, Kota suzumura, Kazunori Shinoda

Feature of car and express team wishes of the competition

The concept of SFT-05 is "match the drivers level". this concept means every drivers from beginners to advanced candrive the car with satisfaction. To attain this concept we engineer our car with improving motion performance, maintenance and wide range of setting.

Team sponsors

HONDA Motor, Racing service Watanabe, Formuland RA! HANNO, MiSUMI, Sumitomo Wiring Systems, hi-1000.com, MURAKAMI MFG., Zentech, SUPER AUTOBACS, Tsunagiya Honpo, Auto Parts Service, Kazuma Sports, KYOWA KOGYO, Tagiya Shouten, Niitaka Gear, RPM, NTN, KinoKuni Enterprise, Yururi, MORISHIN INDUSTRIES, Maekawa Testing Machine MFG., THE DOW CHEMICAL, SHOWA HIGHPOLYMER, Nifco, TOHOKU RADIATOR, THK, BRIDGESTONE, Nissin Kogyo, Yutaka Giken, Musasisakai driving school, Minamichiba circular course



Team Information (Members and Sponsors)

17 Kogakuin University

Team Members

(CP)Taku Nagasawa (FA1)Hiromichi Nozaki (FA2)Daigo Misaki (FA3)Takashi Saika (FA4)Takashi Yamamoto (MBR)Takatsugu Ohba, Shota Murakami, Akihisa Komatani, Yoshizawa Hitosi, Ryuuta Miyazawa, yamamoto Takafumi, Namekata Goichi, Shimizu Yuta, HAMANO Tomonori, Shin Adachi, Hiroki Yamauchi, Naoki Kubo, Kenta Suzuki, Takayuki Nosaka, Kaho Sekiguchi, Mai Shirai, Yusuke Shinoyama, Hayato Tomioka, Takuya Igusa, Masashi Isaka, Hiroaki Imai, Keisuke Andou, Norihito Maruhashi, Naoki Kawabayashi, Shunya Kitsukawa, Takahiro Kinebuchi, Masaki Kokubun, Ren Kobayashi, Ayama Sugahara, Motoki Sebata, Takashi Hansaka

Feature of car and express team wishes of the competition

KRT11 that the Kogakuin University racing team produces improves the basic performance and aims at top 10. KRT11 has high manipulation performances and beautiful externals. It is a vehicle of a full caul continuously last year. We aim at the acquisition of a sportsmanship prize 3 years in a row.

Team sponsors

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



18 Institute of Technologists

Team Members

(CP)Tomoyuki Kobayashi (FA1)Kaoru Hara (FA2)Minoru Mitsui (MBR)Yuki Magara, Mizuho Kuwano, Wataru Kobayashi, Dai Hayakawa, Shogo Horiguchi, Hiroyuki Kamei, Soichiro Goto, Yuta Kondo, Akihiro Shiochi, Yoshitaka Takahashi, Hayamizu Naoki, Kenta Yamamoto, Takumi Imano, Yusuke Seki, Toshinori Arai, Shota Ishida, Shota Ishiwata, Akihiko Oyoshi, Kazuya Okada, Tsubasa Katsumoto

Feature of car and express team wishes of the competition

We adopted 2unit-frame of 'MONO Racing Mfseries' tradition at current year. We aim for a high-ranking winning through this.

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



19 Kyushu Institute of Technology

Team Members

(CP)Hirotaka Hokazono (FA1)Toru Kawabe (MBR)Yusuke Ikeda, Takahiro Hukushima, Kazuya Mizumoto, Takahiro Otsubo, Masashi Konomoto, Hidekazu Kikuchi, Goki Takano, Shoichi Yoshinaga, Ryosuke Sato, Yosuke Isamu, Naoto Yamaguchi, koji Sasayama, Masanori Nakamura, Akimi Sawata, Yuki Nagai, Atsushi Matsuda, Shutarou Omata

Feature of car and express team wishes of the competition

Team sponsors



20 Chiba University

Team Members

(CP)Hiroyuki Konno (FA1)Yasuo Moriyoshi (FA2)Kazuyoshi Kouno (MBR)Hiroshi Ito, Kazunari Yamagishi, Kosuke Hirabayashi, Makoto Wada, Ryuta Ishiyama, Koshi takahashi, Takafumi Miyashita, Takeru Azuma, Yu Kanegae, Kazuki Chiba, Wataru Sato, Shun Shimizu, Takanori Hashimoto, Syota Masumoto, Takaya Mori, Takeshi Wada, Hikari Hirayanagi, Nanami Sakai, Ryoma Okura, Satoko Ikuta, Masao Ida, Yuri Inagaki, Ryo Ueno, Yuki Katsura, Yuto Kawagoe, Satoru Kiri, Mototki Miyakawa, Tomoyasu Yoshimura, Kazuhiro Uda, Kazuaki Hata, Mizusa Takezawa, Akira Sato, Kenta Matsuura, Akira Suzuki, Kazunori Toida, Takahiro Shimizu, Ryo Suzuki, Masayuki Tanabe

Feature of car and express team wishes of the competition

"The Advancement of Drivability" is the concept of this year's car. We designed and fabricated our car to have a high driving performance. With new devices, such as electric shifter and Traction Control System, we will struggle to get the first prize.

Team sponsors

NTN, team August, Idemitsu Kosan, NATS, SEKI, F-C-C, Kinokuni, KUWAHARA BIKE WORKS, TOKIN, TOHNICHI, Toyota Rent a Car Chiba, Nippon Oil Pump, HI-LEX, MISUMI, Metal works, YUTAKA, RAYS, KYOWA, Keiyo Bend, CYBERNET, SUMICO LUBRICANT, Sumitomo Wiring Systems, SolidWorks Japan, Dow Chemical, TAKATA, CHIBA SEIMITSU, Tohoku Radiator, Nissin Kogyo, NSK, NHK SPRING, Honda Motor, Aoifudousan, Shinjyuku Radiator, MOBARA TWIN CIRCUIT, Raycraft racing service, Chiba University



21 College of Science and Technology, Nihon University

Team Members

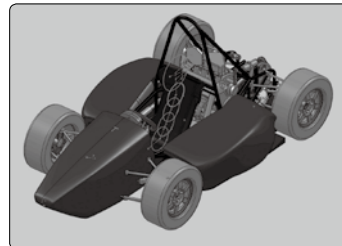
(CP)Akira Terashima (FA1)Michihiko Hoshino (MBR)Kyouhei Katoh, Masashi Sawada, Takuya Yokota, Tsubasa Takezawa, Masahiro Hasegawa, Kouta Tajima, Toshiaki Arai, Akane Nakajima, Katsuya Misawa, Masanori Ebisawa, Kota Kuriki, Ryota Iijima, Hiroyuki Takano, Takayuki Abe, Tsubasa Suzuki, Yuuki Komiya, Junichi Sugimoto, Takatoshi Ota, Atsushi Okabe

Feature of car and express team wishes of the competition

The engine is changed to YAMAHA YZF-R6 of second year and the inboard brake is adopted this year. The concept "Cornering machine that can be easily enjoyed" until last year is succeeded and a higher vehicle performance is pursued. It aims at running the whole distance 3 years in a row and the overall victory.

Team sponsors

Are industrial Maki, College of Science and Technology Nihon University construction technology center, DAIDO KOGYO, Department of Mechanical Engineering College of Science and Technology Nihon University, devil technica, FCC, Future Technology, HONDA, i-FACTORY, IRS, jonan-key, KHK, Kohken, MISUMI, NHK SPRING, NISSAN, NTN, OutlawJapan, PLOT, Plus μ , RAYS, RS-Watanabe, sankyo-material, SANWA PLATING, SEVENTH NIGHT, SHINBA IRON WORKS, Software Cradle, SolidWorks Japan, SPS unburako, SUZUKI, TAIYO, VSN, WAKO CHEMICAL, YAMAHA (in alphabetical order, honorific titles are omitted)



22 Thai-Nichi Institute of Technology

Team Members

(FA1)Paskorn Phanophat (MBR)Sutjatham Sae-Ju

Feature of car and express team wishes of the competition

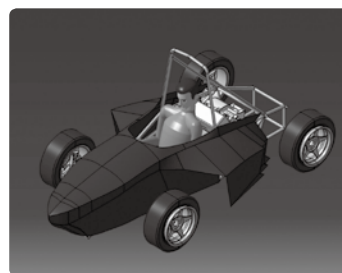
First Place Rookie Awards

22th Place Overall Results in 2010 The 8th Student Formula Competition of Japan

Make simpler but better

Team sponsors

Summit Auto Body, Thai Oil, Nitto Header, JN Transos, Lenso Wheel, Pacific Pipe, Shark Helmet, NSK Bearing



23 King Mongkut's University of Technology Thonburi

Team Members

(CP)Krittinan Wannakoon (FA1)Surachate Chutima (MBR)Krittichok Phanthawong, Phanupong Intrisungwon, Pattarasatid Pongsirisoonorn, Chayanon Chokchalorn, Pakorn Pariyanuphap, Noparuj Wanikorn, Watcharapong Kongnorased, Rujiphong Pheungjai, Patcharapit Promoppatum, Passawath Toraksa, Siamrat Phonboon, Tri Autchimatron, Winai Singporn, Kongpana Rachavanich, Tanasit Saikrasoon, Apiwat Kialon

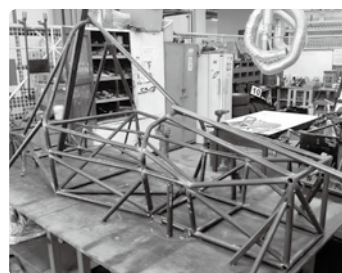
Feature of car and express team wishes of the competition

To design our Formula SAE race car, we attach importance to light weight, low centre of gravity, high torque at low and middle revolution speed, high horse power, good control, good traction and easy maintenance. Our team enter the competition 2011 Formula SAE had to revise the failed in the last year and Requirement to the vehicle form conceive and fabricate is

compete and successfully.

Team sponsors

SKF Bearing, LENSO wheel, Thailandcircuit, Henkel (Thailand) Limited, Petro Green Co., Ltd, PTT, TOYOTA, Loxley



24 Doshisha University

Team Members

(CP)Keisuke Tatsumoto (FA1)Jiro Senda (FA2)Shigeo Nakamura (FA3)Thorui Fujii (FA4)Tatsuya Tanaka (MBR)Takuoh Nara, Kento Sugiyama, Yusuke Shintaku, Naoki Inoue, Yui Sugaya, Yasuhiro Maeda, Masao Nakagawa, Ryosuke Siota, Kyouyuki Hirazumi, Hideki Mastuoka, Satoshi Miyata, Yasuo Shimizu, Takao Shimada, Takeshi Tatsumi, Shouma Uno, Takashi Shutou, Daisuke Kubota, Kengo Iwakura, Hirokazu Torii, Sawaki Kazuma, Takuya Sakaguchi, Shinji Horibe, Takashi Kawanaka, Kouichi Kabeyama, Iwai Atsushi, Takuya Yuasa

Feature of car and express team wishes of the competition

We the members of D.U.F.P, following last year's concept, "Quick and good drivability" have worked hard in order to take our car to the next level. This year we will do our best to reach our team's ever long goal of finishing in the top ten.

Team sponsors

Kawasaki Heavy Industries, HORIBA, Nissin Kogyo, WAKO CHEMICAL, KitaKobe Circuit, Solid Works Japan, Yanmar, EXEDY, Sunstar Engineering, DAIHATSU, MISUMI Group, Kitoh Gear, NTN, Yamato Industrial, THK, F.C.C., Racing Service Watanabe, TRAD, Lenovo Japan, PLOT, GS YUASA, FARO Japan, Amon, Sumitomo Wring System, Marusan Jidosha, Kobe Steel, ANDARE, KEIHIN



Team Information (Members and Sponsors)

25 University of Yamanashi

Team Members

(CP)Takanori Shirakawa (FA1)Hiroyuki Tsunoda (FA2)Tsutomu Tanzawa (MBR)Hiromitsu Sunahara, Takahiro Kishi, Kouzi Iyama, Munehiro Huzita, Syouta Nishizawa, Kazuhide Bushimata, Hirotaka Hashimoto, Naoto Sasaki, Takashi Uchiyama, Tai Sagara, Kento Osada, Rikiya Matsuno, Yuuki Shimizu, keita katsumata, Kouta Aoki, Yuuki Shibata, Yasushi Takasou, Takao Watanabe, Mitsutoshi Tendou, Hiroki Hatusuka, Kazuki Nakamura, Kouhei Ooba, Daiki Kurobe

Feature of car and express team wishes of the competition

This year's car Shingen11 improved the kinematic performance through the automotive control using full computer, "MoTec" and adopting the stabilizer. Shingen11 is intended for getting better order than last year in dynamic tests and we aim for podium. In addition, please notice the color which is

inspired by "HuRinKaZan" Shingen Takeda used in the regimental colors.

Team sponsors

AZ Yamanashi Circuit, R Industry Maki, Waist Racing Cars, EIKO, NTN, F.C.C, FC Design, Cliff, KOKOKU INTECH, Sankin, Shinba ironworks, Suzuki, Solid Works Japan, T.RAD, Nakamura Mill big machine Division, Nittetsu steel tube, HILEX, futures craft, Fujikawa Mill, Bridgestone, Bridgestone TirekanYamanashi, Misumi, T.M.WORKS, Manufacturing educational practice center attached to the Yamanashi University department of engineering



26 College of Industrial Technology, Nihon University

Team Members

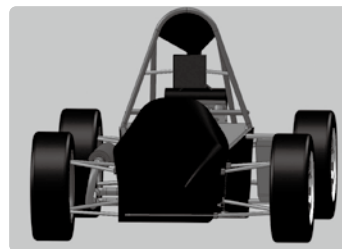
(CP)Tomohiko Hino (FA1)Yasushige Ujiie (FA2)Ichiro Kageyama (MBR)Yuki Furuya, Motoka Murofushi, Katsuhide Terasawa, Masato Koike, Ryo Ogose, Hirayama Takashi, Kenji Hirozane, Kei Fukasawa, Tomoharu Shibuya, kento iwasawa, yuto umemoto, Shota Aso, Sato Kosuke, Yohei Tomono, Hiroshi Sekimoto, Motoyasu Maie, Naohiro Umino, Toshiki Shimizu, Soichiro Sato, Yukiya Iwasaki, Shohei Imano

Feature of car and express team wishes of the competition

This year's vehicle catches Fan to drive that is a past concept in a wider meaning. In a word, it is assumed the concept including the enjoyment of not only the running enjoyment but also ownership. After the time head performance had been raised by centralizing the miniaturization, and the inertia mass, value as the formula was requested about the performance.

Team sponsors

HONDA, GruppeM, SolidWorks, NISSIN, VSN, JUNIOR MOTOR PARK Quick HANYU, TECHNO AUTO SERVICE, VI grade, CRADELE, Kitajima Jidousya Kogyo, F.C.C, KIKUCHI SEISAKUSHO



27 Nippon Institute of Technology

Team Members

(CP)Shoko Onodera (FA1)Akihito Okazaki (MBR)Tatsuya Sato, Takuya Hasegawa, Naoki Taguchi, Syunsuke Kihara, Masataka Sekiguchi, Kazuhiro Taki, Kazuki Ishida, Huminori Inamura, Takeshi Okada, Hironori Kusaka, Shohei Hukuda, Shogo Mikami, Yuki Majima, Naoto Nonaka, keiichi ohoki, keigo kijima, takumi kurihara, narusei kouno, hidekazu suzuki, hiroshi suzuki, eita setoguchi, soutarou tamura, ryu tohomata, syougo toyoshima, tomoya hamada, syuuhei fujioka, kouta morimoto, mayu yoshizawa, syunta wada, hayato watanabe, naofumi yoshida, hayato kikizawa

Feature of car and express team wishes of the competition

Team sponsors

YAMAHA, RSWatanabe, IRS, West racing cars, N.T.N., ABE Giken, F.C.C., KYOEI, KYOWA, Quick-Hanyu, KURIYAMA, Global Energy, SAKAE, SEKI, Solid Works Japan, kinokuni, Takada Dental Clinic, TAKAYAMA, Hagiwara Construction, DOCSTYLE, PLUS-MYU, NISSIN, WAKO'S, FUJI, First Molding, MYKAY Japan, RAYS, Syuichi Suto



28 Nagoya University

Team Members

(CP)Naohiro NAKAMURA (FA1)Goro OBINATA (MBR)Tomoki Unou, Shirono Kenji, Hiroki Huruta, Shingo Nakano, Junki Koie, Takashi Asai, Naoki Senba, Kenta Miyanokoshi, aoki yuuma, Ryoma Mizuno, yuuki ayamura, Goichi Kobayashi, Kanami Hida, Kohei Kuriyama, Yoshifumi Yoshifumi, Kaori Ueno, Naoki Hasegawa, Yukihiro Okumura, Yoshiaki Inadome, Yuuta Maekawa, Yuuki Nakada, Kentaro Nakayama, Masatoshi Kanayama, Syunsuke Nishio, Keisuke Nishioka, Masaaki Yonaha, Hiroki Yamanouchi, Souma Nakagami, Yuske Nishiumi

Feature of car and express team wishes of the competition

This fiscal year, we divided endurance course into three sections; straight, corner and slalom. We improved our racing machine performance needed for each section. Therefore, We made more competitive racing machine.

Team sponsors

ACTIVE, AISIN AW, AODYAMA SEISAKUSHO, ASAHI KASEI CONSTRUCTION MATERIALS, ATS, AW ENGINEERING, BITO R&D, CALIO, CHUBU NIPPON DRIVER SCHOOL, CHIO SPRING, CYBERNET SYSTEMS, DENSO, DEWETRON JAPAN, EK MOTORCYCLE CHAINS, FASHION MISHIMAYA, FC Design, First Molding, FUJIMOTO SERVICE, HIBIKI SEIKI, HIBINO CHEMICAL INDUSTRY, HI-REX CORPORATION, LA MOTO KOHSAKA, Honda Motor, IWAKURA WELDING INDUSTRY, Kato Cam Giken, Kato Gear Seisakusyo, KINOKUNI Enterprise, KOKEN, KOTA CIRCUIT YRP KIRIYAMA, KOWA INDUSTRY, KYOWA ELECTRONIC INSTRUMENTS, KYOWA KOGYO, Lenovo JAPAN, Makita, MINARO, Minoru INTERNATIONAL, Moriaki Engineering, Nippon Light Metal, NIPPON THOMPSON, Nissin Kogyo, Nittetsu Steel Pipe, NTN, Okajima Pipe, RAMPF Holding GmbH, SASANO SHOTEN, SHOWA AIRCRAFT INDUSTRY, SOLIDWORKS, Sumitomo Wiring Systems, SUZUSHO, TaihoKozai, TAKATA, HIGH-TECH LUBRICANTS AP PTE, TOHNICHI Mfg., TOHO TENAX, TOKAI RUBBER INDUSTRIES, UMEOKA, VI-Grade, WEST RACING CARS



29 *The University of Tokyo*

Team Members

(CP)Kobayashi Takashi (FA1)Nakao M, asayuki (MBR)Kosuke Matasumoto, Satoru Momiyama, Shoya Kai, Kentaro Ta, Hiroki Kato, Ayumi Okada, Yusuke Onda, Takuma Shirai, Yoshitaka Suzuki, Ryo Nakajima, Takeo Sawada, Kohei Ogawa, Akira Ito, Shota Yamada, Masahiro Ryomoto, Keita Kannno, Satoshi Yorita, Hiroyuki Tanabe, Takuya Nakaoka, Yu Takeuchi, Yuki Shimomura, Kotaro Miyoshi, Masahiro Hibi, Tomoyuki tamura, Hideki Matsuoka, Hirokazu Matsui, Sho Shiraiishi, Shiori Shinoda, Ooda Yoshitaka, Hisaichi Shibata, Shota Horiguchi

Feature of car and express team wishes of the competition

Our last machine was modified on a large scale from previous year's machine. However, as we were too concentrated on changing the engine, the machine was not fully developed. This year, we mainly devote ourselves to developing our machine, in order to regain the championship.

Team sponsors

RK Excel, IHI, NTN, F.C.C., ENGINEER, Ofa, KATO CAM, KINOKUNI Enterprise, KYOWA INDUSTRIAL, GRAZ, Kobe Steel, Cocoresearch, Cybernet Systems, Sankin, Sankei Industry, Sankyo, CD-adapco Japan, Showa Denko, SHOWA AIRCRAFT INDUSTRY, Silicon Sensing Systems Japan, SUZUKI MOTOR, SUZUKI SPORT Racing, ZF Japan, ZERO SPORTS, The Dow Chemical, Diamond Engineering, CHINO, THK, DKK-TOA, Tohto Kasei, TOYO SOKKI, Toho Tenax, NAOX, UD Trucks, NISSIN KOGYO, Nitto Boseki, VIEWTEC JAPAN, Eutectic of Japan, HIOKI E.E., BASF Coatings Japan, FIRST MOLDING, Fuji WPC, Fujikura, FUCHINO, BLITZ, Furukawa-Sky Aluminum, BOSCH, Maruichi Steel Tube, MISUMI, Mitsubishi Fuso Truck and Bus, MITOKOGYO, Mimiu, MUTOH ENGINEERING, MEIRA, BBF-Yamato, Yamato Industrial, Yamaha Motor, Siemens Product Lifecycle Management Solutions, YOSHIMURA JAPAN, Yoda Rallying, LOCK FASTENER, WAKO CHEMICAL, AVO Motec Japan, Original Box, KANTO Industrial Collage, Technical Pro Shop Tanshaya, Institute of Industrial Science The University of Tokyo



30 *Kyoto Institute of Technology*

Team Members

(CP)Yu Hashimoto (FA1)Minoru Ota (FA2)Daisuke Iba (MBR)Amane Kitayama, Ryo Itani, Takayoshi Katagi, Satoshi Tanaka, Yusuke Kiuchi, Junichi Tashiro, Yoh Harano, Daichi Tanio, Atsushi Nishida, Yasuhiro Hiraki, Nobuaki Ikeda, Masaaki Shimizu, Yasuhiro Takada, Ryuta Deno, Hiroki Hojo, Shuntaro Imanishi, Tatsuya Kitahara, Kazuya Okamoto, Kentaro Abe, Yu Hirai, Yutaro Nagai, Kotaro Nakatsuji, Kenta Sato, Hiroyuki Inoue, Akio Hayashi, Tomohiro Arita, Tetsu Shirai, Kenichi Yanagida, Ryosuke Takayama

Feature of car and express team wishes of the competition

Team sponsors



31 *Ritsumeikan University*

Team Members

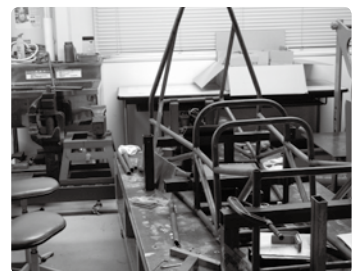
(CP)Ishii Takuya (FA1)Gtouda hiroshi (MBR)Iwaki Ryuutaro, Ueda Masaki, Okada Yuri, Shiomi Keishi, Nakanishi Takashi, Nakayama Syo, Hamori Kota, Hattori Tomonari, Banno tomoya, Yoshida Syo, Mimura Kana, Oonishi Seigo, Kuboyama Takahumi, Kuroda Tomohiro, Oguchi Kenta, Sugita naotaka, Kobashi Kento, Nishida Takahiro, Sugiyama Kohei, Ishikawa Yoichi

Feature of car and express team wishes of the competition

Our car has been designed with the following feature: light weight, low centre of gravity, Concentration of mass. Almost all members are changed. We will do my best.

Team sponsors

Kawasaki Heavy Industries, NTN, KYOWA, Matsumoto Metal, Solid works Japan, DAIHATSU, F.C.C., KOBELCO, X.A.M Japan, WEST RACING CARS, Sankin, Ishihara radiator, WAKOS, Biwako Sportsland, Bikekobo Iwaki, Tsukinowa driving school, NEOS, Nejinoyamasaki



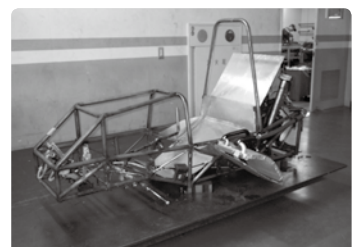
32 *Toyota Technical College Nagoya*

Team Members

(CP)Yusuke Wanibe (FA1)Tetuya Hayakawa (MBR)Ryosuke Maeda, Nakano Atsushi, Keita Takato, Honda Masakazu, Hiroka Watanabe, Okura Yoshiyuki, Kentaro Yamabe, Kentaro Sagisaka, Masanori Yanagisawa, Kyosuke Aikawa, Shoji Hukakani, Shota Yuhune, Ryota Wakamatsu, Kota Mituta, Yuiti Sugiyama, Masahiro Higuhi, Syu Ibusi, Matta Daisuke, kyougo Hasada, Yuki Mizutani, Yusuke Hori, Syuiti Yosidome, Masakazu Honda, Masasi Okuda, Ryota Takasima, Chiaki Mameda

Feature of car and express team wishes of the competition

Team sponsors



33 Kokushikan University

Team Members

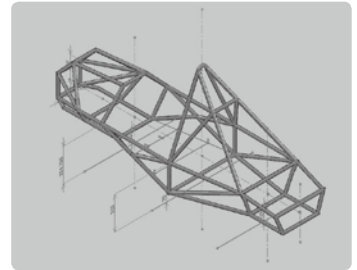
(CP)Yuto Imai (FA1)Tmoaki Kodama (MBR)Shuntarou sakaki

Feature of car and express team wishes of the competition

Our vehicle concept is "Easy to drive". We manufactured the Vehicle with the driving ability for your best driving skill. Moreover, it is designed so that any person have can this best performance.

Team sponsors

HONDA, SUZUKI, ANSYS, RIVER STEEL, YAGISHITA, CALSONIC KANSEI, BRIDGESTONE, VSN, Hitachi Automotive Systems, TOYO ELEMENT INDUSTRY, M'S FACTORY, RACING SERVICE Watanabe, Turbo Techno Service, MSC Software, SolidWorks Japan, NHK precision, T.RAD, DAYTONA, GOODRIDGE(JAPAN), KEIHIN, AVO/MoTeC Japan, CITY KART, WM, SARD, WAKO Chemical, MISUMI, MITOKO GYO, Takeuchi Chemical, YAMATO INDUSTRIAL, Minoru INTERNATIONAL, RK Excel, CHUO SPRING, Takaishi Stone Shop



34 Shibaura Institute of Technology

Team Members

(CP)Hiroshi Nishiyama (FA1)Hiroshi Okamura (MBR)Yasutaka Kishida, Taishi Saito, Koji Akiba, Hayakawa Keisuke, Kei Sakamoto, Takuma Oishi, Yohei Kokubo, Kahoru Kawamoto, Hiroyuki Hayashi, Sho Hagiwara, Yoshihiro Yamazaki, Takafumi Yanai, Shota Fukushima, Yuuki Takami, Tsuchiya Satoshi, Kunihiro Kikukawa, aihata masahiro, kentaro nemoto, Yuta Shimizu, Kazumasa Nakano, Masayuki Noguchi, Tomohiro Makino, Shotaro Mochiduki, Tatsuya Tomita, Akihisa Yoshino

Feature of car and express team wishes of the competition

Team sponsors



35 Chulalongkorn University

Team Members

(CP)Thornthanut Pakdeepinyo (FA1)Nuksit Noomwongs (MBR)Krit Rojanarungruengporn, Napat Thongtaksin, Jason Ward, Chartree Sithananun, Nutthasan srikwanma, Tongchai Santimongkon, Nelut Mahakarnchanakul, Paveen Padungruengkit, Thinakrit Phansumalee, Apirat Auudonyuht, Thanawat Limwathanakul, Teekayu Limchamroon, Chaityute Pananan, Nida Santimongkol, Chayada Chaiyamanon, Nutthaya Laungleuthum, Nuttwach Prasopsukchok, Chatchanee Pakavatsoontorn, Chettharach Montreeekittiphun, Thanapat Fahsawang, Panawan Sroyson, Thana Sriwiryakul, Chinadit Byetheang, Nantawat Roonhipatpol, Fuji Ngarmbanjong, Narut Phraprasert, Kritchalat Pohnpotjananun, Thanawat Kongchantuek, Apichai Chaichoawarat, Putchara Phumkumarn, Pongsakorn Boonchata, Weerapong Korjaroenrat, Tham Piyawongrungrueng, Phongsuphat Kanchanakom

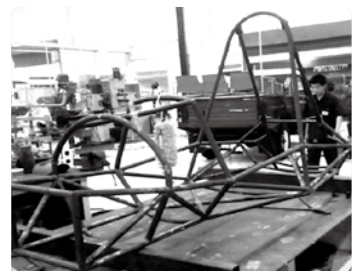
Feature of car and express team wishes of the competition

With 6 years experience we gained , we aim to move farther by promoting "lighter but

stronger" concept. All parts weight are reduced by changing material to aluminium and carbon fiber. We installed supercharger for much more rising power per weight. Our car has more features that help driver drive easier , such as traction control , launch control , and clutchless shifter. But things that we still maintain is the strong body look and adjustable suspension.

Team sponsors

Boon Rawd Brewery Co., Ltd. , Yokohama Tire Sales (Thailand) Co., Ltd. , Inoue Rubber (Thailand) Public Co., Ltd. , PTT Public Co., Ltd , Cobra International Co., Ltd. , Lenso Wheel Co., Ltd. , Mechanical department Chulalongjorn Univ.



36 Honda Technical College Kansai

Team Members

(CP)Shouhei Okuno (FA1)Tadayoshi Nakamura (FA2)Kunihiko Jintsu (MBR) Kazuaki Teratoko, Shinpei Nakayama, Ryo Nishikawa, Suguru Goto, Masaya Momomoto, Tatsuro Oku, Tomohiro Hujibuchi, Shun Ito, Nobutaka Kaku, Takahiro Kato, So Motoki, Akira Okada, Ryoma Ishikawa, taichi uemura, Funatsu Yuta, Tomohiro Nishimura, Toshiki Okano

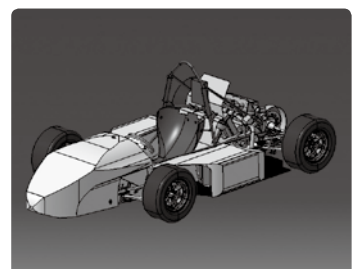
Feature of car and express team wishes of the competition

Our concept is "fast, low-height, and stable", so we aim to lower center of gravity. The driver —the heaviest thing—lays at 55°torso angle, and most parts are mounted as low as possible .Therefore, the driver can corner faster with good balance . We can keep the car height under 1m and a lower cowl shape. For more speed and stability, we designed aero parts for our machine by using aerodynamics simulation software for the first time at our

school. So we will aim a higher rank than before.

Team sponsors

Honda Motor, Wako's, Cybernet, Nissin Kogyo, Hi-Ilex Corporation, Shineigiken



37 Meijo University

Team Members

(CP)Hiroki Aoyama (FA1)Hidetoshi Hayafuji (FA2) (MBR)Masahide Ono, Kenji Suzuki, Masami Sato, Yusuke Fukao, Fumioki Hiramatsu, Toshihiro Ichise, Ryo Teshigawara, Shun Hasegawa, Takuya Watanabe, Ryouusuke Iwasa, Haruyoshi Yamamoto, Kenshi Inden, Miyuki Goda, Mitsunobu Ando, Shoji Sugiyama, Shunsuke Kimata

Feature of car and express team wishes of the competition

Team sponsors



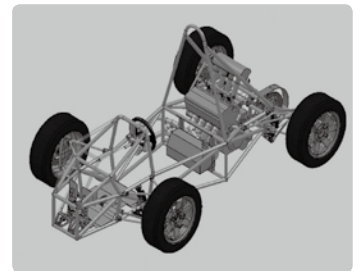
38 Kinki University

Team Members

(CP)Hiroki Takada (FA1)Shinji Kajiwara (FA2) (MBR)Noriyuki Oomichi, Yuusuke Tada, Masashi Watanabe, Shouta Kosugi, Keita Nakanishi, Yoshiki Kojima, Yuuki Tsuji, Yuuya Yagura, Keisuke Murata

Feature of car and express team wishes of the competition

Team sponsors



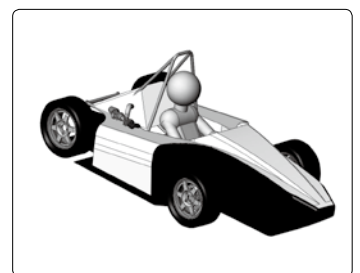
39 Kurume Institute of Technology

Team Members

(CP)Tatsunari Mine (FA1)Daisuke Azuma (FA2)Shigeru Ikeda(FA3)Kouichi Kajiyama (MBR)Kenta Obasa, Koji Tanaka, Takuma maeda, Shinichi amano, Akifumi Goto, Masatoshi Noyori, Tshitara Hosoda, Hirotohi Tsutsumi, Taku Fukuyama, Takasi Kido, Teppei Asano, Motoki Inenaga, Taro Sugino, Syogo Tuji, Takuya Haraguchi, Taishi Okumura, Kazuki Takayanagi

Feature of car and express team wishes of the competition

Team sponsors



40 Okayama University

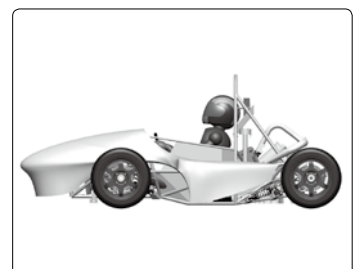
Team Members

(CP)Kouji Itano (FA1)Nobuyuki Kawahara (FA2)Yoshihiko Tamura (FA3)Kouji Tabuchi (FA4)Isao Yamane (FA5)Hiroshi Kinoshita (MBR)Yuta Ohshima, Tetsuya Ohbayashi, Kouki Kawai, Megumi Koyama, Masato Sawada, Tomohiro Takekuni, Shinya Hatakeyama, Ryota Fujimura, Takuya Futagawa, Masataka Morita, Adachi Ken, Takayuki Kusumi, Masahiro Wakabayashi, Shun Kobayashi

Feature of car and express team wishes of the competition

The target of this year's rally assumes, "Win by a dynamic game", schedules from the machine, and has advanced the project to the driver consistently. All game running the whole distance is accomplished, and it aims at a high-ranking winning a prize.

Team sponsors



41 International College of Information and Technology

Team Members

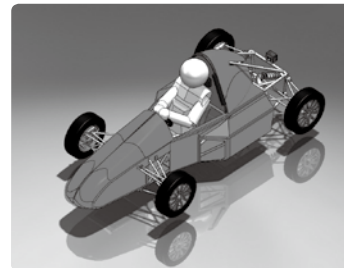
(CP)Kyouhei Watanabe (FA1)Shinichi Sato (FA2)Hideki Hashimoto (FA3)Hiroji Sato (FA4)Yuji Suzuki (FA5)Kei Umezawa (MBR)Hiroki Inoue, Seiki Endo, Takayuki Hida, Fumiya Haga, Koudai Suzuki, Suguru Ishii, Kent Otake, Kenya Murakoshi, Akira Kawasaki, Takaya Saito, Syou Takahashi, Wataru Suzuki

Feature of car and express team wishes of the competition

This is our third entry and the main concept of our machine is "Everyone can drive faster safely at ease". Especially we focused on the design of the power transmission mechanism, the suspension, the steering system, and the brakes system with keeping fundamentals in mind. Our goal for this competition is to get the points as high as possible at each event and to drive the whole distance.

Team sponsors

EBISU Circuit, Teamorange, Team K, K style, MAEDA Metal Industries, A.B.K.S.S, Kowa, Daido, SANSIN, KYOWA, Koriyama Area Technopolis Organization, Incubation Center, Hashimoto Engineering, KOMUKAI Auto Service



42 Toyohashi University of Technology

Team Members

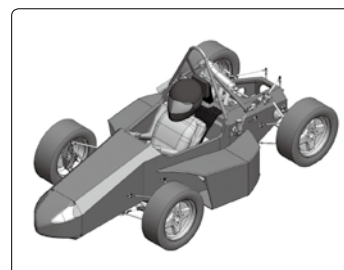
(CP)Tatsuya Fujishima (FA1)Hideki Yanada (FA2)Toshiaki Yasui (MBR)Naoya Akazawa, Hiroyuki Nagai, Makoto Ishikawa, Hirokazu Takano, Yusuke Matsui, Hinako Ota, Takumi Harada, Yousuke Akamatsu, Midori Takaoka, Koki Yachinaka, Shohei Sawada, Naoto Inoue, Makoto Kusumoto, Shinri Yamada, Yuya Uchida, Ryosuke Tanaka, Syohei Shiraki, Takuma Okada, Dai Yamamuro, Kouhei Yoshida, Yusuke Honda

Feature of car and express team wishes of the competition

We made a lightweight car by material substitution with CFRP. We are going to aim at total ranking 6th and design competition 1st.

Team sponsors

Musashi Seimitsu Industry, CDS, Mitsubishi Rayon, HONDA, Huntsman Japan, Henkel Japan, SHOWA AIRCRAFT INDUSTRY, HOEI Industrial, Ibrida Cell, DAIDO AMISTAR, WAKO CHEMICAL, NTN, MISUMI, Sumitomo Wiring Systems, SolidWorks Japan, CYBERNET SYSTEMS, ANSYS JAPAN, WINKS, Mitsubishi Materials, Fuji Seimitsu, TOPY INDUSTRIES, Nippon POP Rivets and Fasteners, Tsugepurasesu, Hanyuda, ACROSS, Mr-tireman Toyohashi, Information and Media Center (on Campus), Cooperative Research Facility Center (on Campus), YSP South Toyohashi, NEXT, ITO RACING SERVICE, TAMATSUURA PATTERN, RENT



44 Shizuoka Institute of Science and Technology

Team Members

(CP)Yuki Takagi (FA1)Shinji Takabayashi (FA2)Takashi Nozaki (MBR)Masami Kaihara, Ryuya Sano, Akihiro Murata, Yui Sugiura, Takuya Tokita, Junichi Aoki, Takafumi Ohi, Hirotaka Nozue, Keijiro Ohashi, Kei Sonoda, Yuta Ohhashi, Reina Mochiduki, Tomohisa Sugita, Ryosuke Suzuki, Sinmura Zyunya, Wataru Suzuki, Kouji Mihara, Syouta Imura, Kumiko Miyano, Mami Kawada, Yuya Teraoka, Kento Yamamoto, Sinnosuke Iketani, Kita Katayama, Ryou Koseki

Feature of car and express team wishes of the competition

Team sponsors



45 Nihon Automobile College

Team Members

(CP)Shigetomi Takuya (FA1)Hayashi Hidenobu (FA2)Mitsunori Yabe (FA3)Yuichi Yamazaki (FA4)Makoto Kanai (FA5)Yuichi Uwai (FA6)Yoshiyuki Shimoniida (FA7)Hiroki Ookawa (FA8)Jyunya Ebihara (MBR)Iiduka Yoshiyuki, Satou Asahi, Takahashi Kouhei, Takeda Hiroyuki, Fukushima Tooru, Hashiura Ryou, Someya Keisuke, Sekiguchi Kenta, Kishi Ryuuji, Shishido Shouta, Hagiwara Takayuki, Shimano Hiroki, Miyazaki Nagisa, Kobayashi Shigeru, Katsumata Masayoshi, Kaneko Kazuya, Ookubo Yuuji, Seki Tatsuo, Mita Takaaki, Sakura Takenori, Tanaka Yuutarou, Ayabe Mitsuhiko, Karakuni Yoshihiro, Taiki Takayama

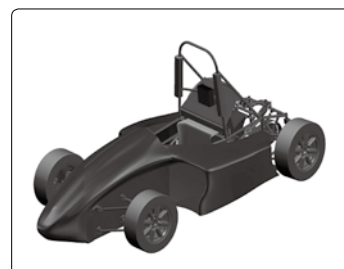
Feature of car and express team wishes of the competition

Our target is lightening the vehicle for 40kg over the last year while it is featuring long-wheelbase and wide-tread to focus on safety in succession to the last year's concept of our seniors. The team wishes to complete

all events and aims at the first place because we will participate in the competition.

Team sponsors

Honda Motor, WAKO CHEMICAL, TMC, OGAWA TIRE, RS-Watanabe, WEST RACING CARS, IRS, R-A



46 *Osaka Institute of Technology*

Team Members

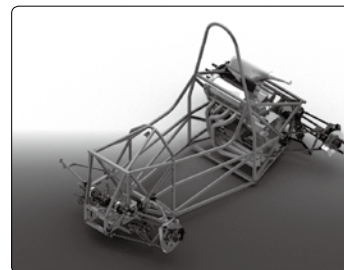
(CP)Kenji Hirose (FA1)Naoki Ogawa (MBR)Masaki Yamase, Ryo Kashihara, Takahiro Ueda, Ryo Inoue, Hiroshi Ikawa, Toru Ueno, Ikuya Aotani, Shota Takigawa, Yasuhiro Tani, Nobuhiro Uenishi, Tomoya Hashimoto, Shutaro Yamada, Hiroshi Fukutsuka, Naoshi Imakita, Yuji Mizutani, Masayuki Nagao, Ken Takada

Feature of car and express team wishes of the competition

REG04 machines this year succeeded in reducing the weight of the frame and suspension from driving stability. Operability of the machine concept "car friendly" raised, and aims to place 20 units.

Team sponsors

SUZUKI, Alva engineering, RAYS, NTN, NISSIN KOGYO, MISUMI, Sorid Works Japan, Takata, BRB, AFAM-Japan, Nicole Group



47 *Gifu University*

Team Members

(CP)Katayama Daiju (FA1)IharaTadayosi (MBR)SatoRyuta, TakenakaKazuya, SuzukiYuta, MoriMasato, SagoMineto, MoriYuki, Nohara Hiroki, Wada Yuki, Hasegawa Takeo, Araki Mari, Tokuriki Asuka, Nakayama Yusuke, Okasasu Kazumasa, Oya Takeaki

Feature of car and express team wishes of the competition

Team sponsors



48 *Daido University*

Team Members

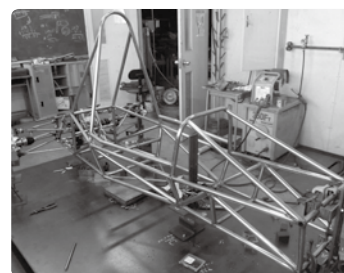
(CP)Hikaru Ito (FA1)Kiichi Yamada (FA2)Hatsuyuki Onoda(FA3)Masaomi Yoshii(FA4)Takashi Noda (MBR)Isao Ito, Hiroki Ito, Kazuma Ono, Yuki Kassai, Marehiko Kurata, Shota Suzuki, Sho Matsunaga, Kazuki Watanabe, Masatoshi Morito, Atsuya Ito, Mikiya Mori, Eiji Shibata, Kurita Yuki, Shigeyuki Suzuki

Feature of car and express team wishes of the competition

We have improved completeness of each parts through reviewing 2010's car. Our target is to finish all dynamic events based on improvement of reliability and movability.

Team sponsors

Yamaha Motor, Nagoya Steel, NTN, Solid Works Japan, Misumi, KYOWA, KOTA CIRCUIT YRP KIRIYAMA, Daido Steel, FC Design, CosmoMachineTool, Sango, Cretive Center



49 *Osaka City University*

Team Members

(CP)Yusuke Hatano (FA1)Tadao Kawai (FA2)Atsushi Imadu (MBR)Yukihiro Taniguchi, Shingo Hayashi, Sho Nakajima, Tomohiro Minami, Hiroki Tanaka, tatsuya yoshikawa, Mitsunashi Tomoaki, Akitaka Murai, Shuhei Ishida, Ryuji Ozawa, Yuichiro Hashimoto, Kazuhiro Iwai, Saya Nakamoto, Shingo Nishimura

Feature of car and express team wishes of the competition

We designed the formula car based on pursuing cornering performance. We make effort to complete our goal which we don't achieve last year and get a place.

Team sponsors

RS TAICHI, Almine, With us, ABCshoukai, F. C. C, AMON, KYOWA KOGYO, Kawasaki, KEEPER, KITACO, KINOKUNI Enterprise, KYOSEI, grouphome sazanami, KEIHIH, Konoe, SANSTAR, CD-adapco JAPAN, SHOWA HIGHPOLYMER, SUEKAGE TOOL, Sumitomo Metal Industries, Sumitomo Wiring Systems, SolidWorks, Tiger seisakusyo, Daito Radiator, DID, DAIHATSU, DAIHEN, TUNGALOY, Tokyo Sokki Kenkyujo, TOKUSHIMA CAM, TOYOTA Rental&Lease Osaka, Nakamichi kousakusho, NISSIN KOGYO, Nittobo, BEET, Neriki Gas, Noguchi Shoukai, Hakuyo engineering, Hamada, HAYASHI RACING, Fuji Seimitsu, PLOT, Bosch, Yamawaki sangyo, lenovo, WAKO'S, co-alition, KONG's, NTN, SPEED SHOP JIRO, Osaka City University Associates



50 Tokyo University of Science

Team Members

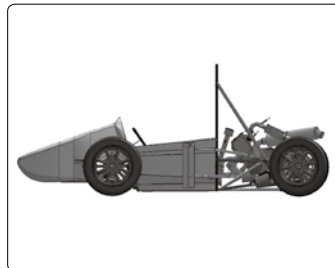
(CP)Wataru Sato (FA1)Yasuo Kawaguchi (MBR)Hiroyuki Kako, Zyunnosuke Ishida, Hidemasa Kato, Kyo Kimiduka, Hiroshi Kosaka, Tomoki Konishi, Syuichi Shibuya, Motohiro Horikoshi, Tomohiro Nakayama, Naoya Tukamoto, Motoharu Asano, Takuya Shingu, Hiroki Huse, Ryohei Araki, Yuma Ichino, Yuji Iwakami, Tastuya Uthara, Yuta Okubo, Syogo Sturusaki, Haduki Tomoda, Masaki Naito, Hikaru Nagashi, Takaya Hayashi, Takahiro Bando, Satoru Kitanura, Yoko Nakamura, Takeshi Tachikawa, Taiki Nakamura, Syunya Kato, Hikaru Ando, Shintaro Arai, Yoshihiro Noma, Takaki Nohara, Atsushi Makimoto

Feature of car and express team wishes of the competition

We assumed the practicality to be a concept and produced the vehicle. Especially, it aimed at the improvement of maintenance, productivity, and the driveability. We aim at the acquisition of the jump prize in this contest .

Team sponsors

ms-MATUMOTO, KEIHIN, SANKEI giken kougyo, HONDA, TRUE BLUE, VIRUS WIN, SYOURITU, SUGAITI, SAKAEKOUKAN, NTN, F.C.C, MS.software, goodridge-Japan, TokyoR&D, Nissanspring, Nissinkogyo, Yutaka giken, NSK, SINSEIKIKO, Sumitomo wiring, Kovax, TAKATU factory, Hakeya, KOHSHIN chemical, DOW, GH Craft, NISSIN RESIN, Nippo sangyo, Nippon Graphite Fiber, Yuasa Rezin, Showa Aircraft Industry, Sports CARS, SYBERNET Systems, SOLID WORKS, NIPPON PAINT, SHOW UO, ASAHI, MISUMI, Quick-Hanyu, AUTOLAND TECHNO, Tokyo University of Science workshop, Tokyo University of Science Kouyukai



51 Tongji University

Team Members

(CP)Zheng Xu (FA1)Liguang Li (FA2)Jun Deng (MBR)Xiaoming Chi, Minzhang Hu, Jiangyang Feng, Qiqi Miao, Xuanbai Zhao, Huayang Yu, Lixuan Xing, Di Gu, Yongling Lu, Haimiao Li, Hailong He, Zhen Xu, Shida Liang, Haiyang Xu, Hao Yuan

Feature of car and express team wishes of the competition

This year we well step to our original ideal of lower cost and easier control with a single cylinder engine, which make our car lighter. As our team slogan says, we are here racing for our original dreams and these dreams of racing drive us the way of designing and manufacturing this car.

Team sponsors

VW , JTEKT, Continental, Mathworks, Bosch, CF Motor



52 University of Fukui

Team Members

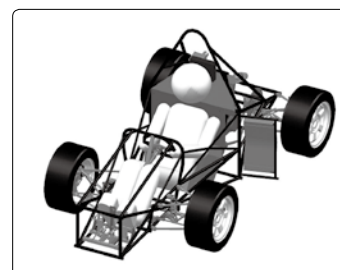
(CP)Motoi Yoshihiro (FA1)Shintani Masanori (MBR)Sasaki Takashi, Takada Kouta, Hirai Yoshito, Ishiguro Takahiro, Ootani Nao, Maejima Yuurou, Takami Akiyoshi, Kondou Ryoussuke, Odake Masataka, Odake Masataka

Feature of car and express team wishes of the competition

We were able to participate in a dynamic events for the first time last year. But it was not possible to run the whole distance due to the trouble. This year is a tough situation and a limited number of people, I leave a good result to finish this year.

Team sponsors

WEST RACING CARS, UNO GEAR INDUSTRY, A&M, AVO/MoTeC JAPAN, NTN, Enuma chain mfg, F.C.C, KINOKUNI Enterprise, KYOWA KOGYO, Quick Art, GRAND SLAM VIV, KUWAHARA BIKEWORKS JAPAN, Kobe Steel, SUZUKI, SolidWorks Japan K.K., TAKASU CIRCUIT, Tayasu Tekko, TECHNOIL Japon K.K, Nissin Kogyo, VSN, HI-LEX CORPORATION, University of Fukui Faculty of Engineering Center for Innovative Research and Creative Leading Education, Blenny Giken, Marugo Rubber Industries, Misumi, Yoshiokakoh, RAYS



53 Niigata University

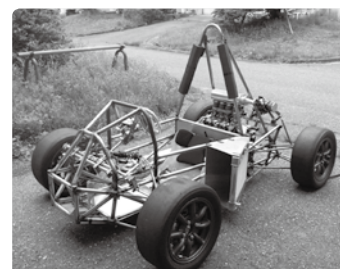
Team Members

(CP)Naoyuki Takahashi (FA1)Takeo Tamura (FA2)Takui Haneda (MBR)Yuzo Moriyama, Meguro Yuta, Kei Takahashi, Yasuhiro Urata, Ryohei Sugahara, Jun Kageyama, Takeru Watanabe, Masato Ikeura, Takeyuki Okuda, Toshihiro Nagumo, Hidehumi Tsuruta, Takashi Utsunomiya, Yuki Ogura, Toshihiro Kadowaki, Hiroto Suzuki, Taiki Hirahara, Akinari Hosaka, Kimiko Hori, Ken Yamasuge

Feature of car and express team wishes of the competition

Team sponsors

SUZUKI, NIIGATA LOADING SYSTEMS, NISSIN KOGYO, SUMITOMO RUBBER INDUSTRIES, NTN, WAKO'S, MISUMI, RACING SERVICE Watanabe, FC design, FCC, SolidWorks Japan, AVO/MoTeC Japan, KUWAHARA BIKEWORKS JAPAN, KOHARA GEAR INDUSTRY, Shin Nippon Feather Core, SHOWA DENKO, BLENNY, Altechno, KINOKUNI Enterprise, Department of Mechanical and Production Engineering Niigata University



54 *Setsuman University*

Team Members

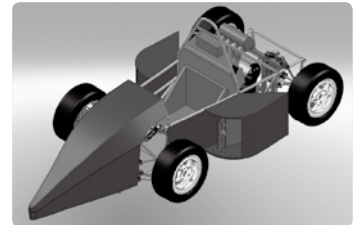
(CP)Tomohiro Sakamoto (FA1)Masaaki Horie (MBR)Kouhei kitagawa, Maki Fujibayashi, Noriyuki Kawabata, Takuma Sato, Syo Yasukawa, Junpei Ogawa, Naoki Nii, Shun Asano, Ryouta Ono, Syouhei Kitano, Naoki Ihira

Feature of car and express team wishes of the competition

This year than last year's body "lighter" made a machine concept.Last year could not finish, but this year will finish and winning "jump-up-award".

Team sponsors

SUZUKI.Solid Works.NTN.RAYS.WEST RACING CARS.FCdesign.Cooling Door



55 *Hiroshima Institute of Technology*

Team Members

(CP)Seiya Nishiyama (FA1)Akio Oti (MBR)Yoshihiro Yamamoto, Takeyoshi Mizutani, Yuto Ikeuchi, Yohei Hanaki, Yuki Hayashi, Hiroyasu Kobayashi, Tomo Nakano, Yukinori Hashimoto, Masayoshi Maeta, Ayana Uchi, Masato Hibi, Yasumithu Takata, Keiwa Tamura, Shinpei Hadano, Hiroya Tachikawa

Feature of car and express team wishes of the competition

Team sponsors



56 *Osaka Prefecture University*

Team Members

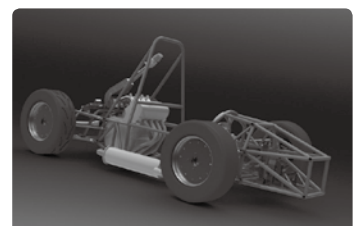
(CP)Takashi Kawaguchi (FA1)Kenichi Kaneko (FA2)Kazunori Watanabe(FA3) Nobuhiro Sugimura (MBR)Yoshitaka Yamamoto, Tatsuya Kitahara, Ryo Kobayashi, Hirokazu Saitou, Atsushi Gonokuchi, Takahashi Atsushi, Akikazu Okamoto, Kimaru Miyata, Kazuma Harada, Kazuki Sakota, Ito Koichi

Feature of car and express team wishes of the competition

Our new machine concept is the "Easy Racing". Drivers are able to drive faster, and mechanics are able to set up earlier. We aim to completing all events!

Team sponsors

IDASHOTEN, West Racing Cars, FCC, FCDdesign, NTN, Oohashi-Tyres, Kawasaki Heavy Industries, Kitaco, Kinokuni enterprize, Kuwahara international, Keihin, Koizumi Factory, Sanai, Sunstar, Sumitomo, Solidworks Japan, Daito radiator, Daihatsu, Toyama Motors, Trial, Nisshin, Harima, Bisan, Nansei, Misumi, Yamamoto techno



57 *Yamagata University*

Team Members

(CP)Yudai takahasi (FA1)hidenori komatubara (FA2)tatsuya ohmachi (MBR) satoru morohasi, kouhei matumoto, yosihiko morita, kazumasa yosida, masayuki endo, yuma suzuki, Syuhei Hasegawa, Go Sasaki, Kazutaka Inagaki, Masami Tomisawa, Kento Yosida

Feature of car and express team wishes of the competition

Team sponsors



58 Hiroshima University

Team Members

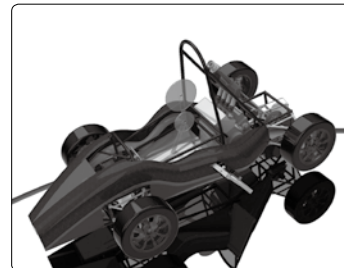
(CP)Yosuke Kawamura (FA1)Keiya Nishida (FA2)Hiroshi Hamasaki (FA3)Tuneo Morioka (MBR)Yuto Kojima, Sachio Watanabe, Kazuki Fujiwara, Kentarou Yoshida, Takashi Yokoo, Shota Taira, Ryosuke Miyazaki, Humiaki Tamashiro, Shunsuke Takaya, Keiji Masuda, Asuka Hayashi, Naoya Kodama, Wataru Nakamura, Koki Kitagawa, Takuya Kokabu, Yusuke Oota

Feature of car and express team wishes of the competition

In this year, under considering the strength and the acceleration of the vehicle, we designed it aiming at the improvement of the reliability, the horsepower and the turn. We will try to complete all of the dynamic examination and get a higher prize.

Team sponsors

KAWASAKI HEAVY INDUSTRIES, SolidWorks, Okudaira-pipe-kogyo, F.C.C, RACING SERVICE Watanabe, Fcdesign, NISSIN KOGYO, NTN, EK MOTORCYCLE CHAINS, ANDARE, KUNIMI COMMERCE, ISHIHARA RADIATOR, DAYTONA, WEST RACING CARS, FactoryGEAR, NIPPON Rent-A-Car



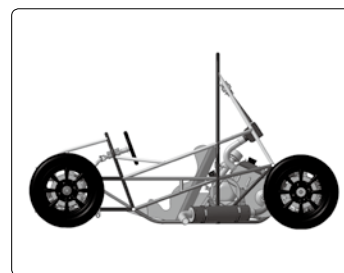
59 Chiba Institute of Technology

Team Members

(CP)Shunji Sato (FA1)Masaki Shimomura (FA2)Hiroshi Sasaki(FA3)Shigeru Murakoshi (MBR)Ken Yoshikawa, Hiroki Kumakura, Kouji Onuma, Jyunichi Matumoto, Masakazu Ono, Hideki Sakiyama, Norifumi Hashimoto, Naoki Simizu, Akihiro Sinagawa, Yuta Shinohara, Jun Kanzaki, Kuniyoshi Hanasiro, Takeru Funakoshi, Jho Kitadai, Yusuke Tanaka, Shintaro Sugo, Shogo Kimata, Yusuke Iseya, Takuya Okamura, Shun Sato, Shun Okura, Toshiki Terashima, Naoto Hara

Feature of car and express team wishes of the competition

Team sponsors



60 Aoyama Gakuin University

Team Members

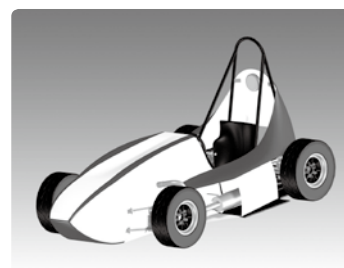
(CP)Hideaki Hosoda (FA1)Hiroshi Sakuta (MBR)Hiroki Hariu, Takayuki Morita, Yuuichi Suzuki, Takayuki Tomita, Keisuke Koga

Feature of car and express team wishes of the competition

Our new Car takes over FR layout "AGF-02/11" for second challenge competition which was focused mainly on miniaturization and weight reduction. Our target is to attend all event in this competition with the new car.

Team sponsors

Yamaha Motor Co., Ltd. , Denso, NTN, PTCJapan, ALTEC, INTERCAST, RAYS, WORKSBELL, QUICK-hanyu, BG TOKYO, F.C.C, KENSHINSEIKI, MURATA, WESTRACINGCARS, ANSYS, Sakae koukan, Tisyo kougyo, Sinseikiko



61 Shonan Institute of Technology

Team Members

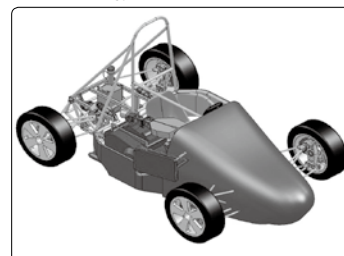
(CP)Yukinori Hatano (FA1)Hiroyuki Sato (MBR)Yoji Urakawa, Kazuya Kaneko, Hiroshi Ohta, Hirotoshi Tujioka

Feature of car and express team wishes of the competition

Design concept is an easy-to-use car that has an exclusive property of side-by-side layout with YAMAHA T-MAX CVT engine, and features of the machine are compact design and high performance of driving stability. Mission of our project is to finish in all events. To achieve the mission, we have formed a cohesive team and designed a vehicle with better performance of safety and maintenance.

Team sponsors

YAMAHA, FUJISAWA SANGYO, SHIRAIWA, SolidWorks Japan, Cybernet Systems, FC Design, NTN, THK, TALK System, NICOLE MARKETING, DENSO, PLOT, ANDARE, F.C.C, ACEWELL, WEST RACING CARS, NAGASE, YAMATO INDUSTRIAL, Quick-Hanyu, Sumitomo Wiring Systems, SAIMA, KYUMATSU, Shonan Institute of Technology



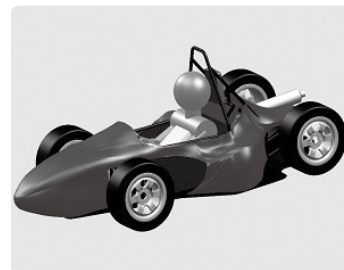
62 Aso College of Automotive Engineering and Technology

Team Members

(CP)Yuichi Oe (FA1)Takahito Nagae (MBR)Kunihiro Tsuruta, Taisuke Kamasaki, Hodaka I, Yuki Shibata, Kenta Tsuzi, Yuta Amano, Hiroki Yamasaki, Takanori Tokubuchi

Feature of car and express team wishes of the competition

Team sponsors



63 Meisei University

Team Members

(CP)Toshiki Usui (FA1)Nobuaki KAMEI (FA2)Tomoyuki Ishii (FA3)Takahito Kawahara (FA4)Tsuneo Egawa (FA5)Makoto Matsumura(FA6)Masayuki Miyamoto (MBR)Hiroki Inoue, Taiki Itou, Nao Fukuda, Yasuaki Shimizu, Naoki Katsumata, Yutaka Arahari, Ryo Matsukawa, Ryuhei Endo, Tamaki Hurutani, Yukihiro Kato, Tatsuya Kawamura, Yuya Oyagi, Ippei Manabe, Ryosuke Hiroe, Ryohei Sato

Feature of car and express team wishes of the competition

Team sponsors



64 Honda Technical College Kanto

Team Members

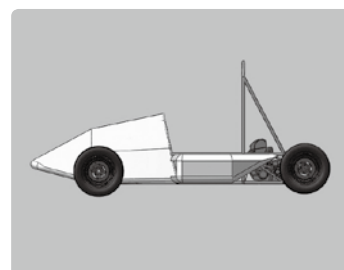
(CP)Masato Ikezawa (FA1)Masashi Sugita (FA2)Atsushi Norihara (MBR)Takekawa Yutaka, kurasawa naoto, senpuku kiyoto, Tetsu Fujieda, Koshiro Hatsuta, Shouta Oikawa, Masato Nakano, Takeshi Asami, Shun Kuramochi, Takumi Okada, haneda toshiyuki, takuya hosoya, Tomoyuki Abe, sanghyunlee, Kokoro Inada, miyoshi sachio, Yamamoto Kento, keiichi tsukamoto, Daiti Mori, Mahiru Nishimura, Suguru Nakagawa, Suzuki

Feature of car and express team wishes of the competition

"Light weight, a compact, the low cost" of the team concept just attaches great importance to "a low center of gravity" this year. I aim at the dynamic event completion.

Team sponsors

Kawagoe 2rinkan, Quick Hanyu, DAIDO METAL, SolidWorks Japan, NISSIN KOGYO, THK



65 Tottori University

Team Members

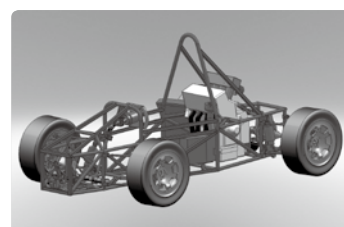
(CP)Shoji Tobita (FA1)Naoki Kawamura (FA2)Masaaki Nagashima (MBR)Yusuke Doda, Taiti Kanazawa, Sou Itou, Ryutaro Hata, Masami Isioka, Yutaro Miyazaki, Tatuya Teshima

Feature of car and express team wishes of the competition

This year's concept is to enjoy running on our car. We made efforts to the improvement of the acceleration performance and had manufactured the machine. It was not possible to participate in competition last year. So, we accomplish participation in a dynamic event, and aim at ranking up.

Team sponsors

F.C.C, NTN, KAWASAKI, SolidWorks, NISSIN, THK, MISUMI, SR FACTORY, HEARTILY, M4H, YAMANE KIZAI



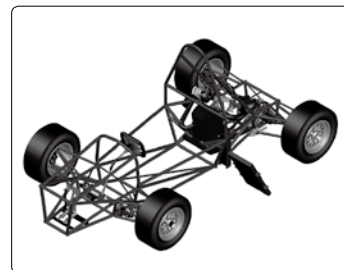
66 Kanagawa Institute of Technology

Team Members

(CP)Takahisa Suzuki (FA1)Takashi Kawaguchi (MBR)Naru Awane, Ryo Koyama, Kenta Yamada, Shoya Murakami, Shinya Akizuki, Ryouhei Okuyama

Feature of car and express team wishes of the competition

Team sponsors



67 Kanazawa Institute of Technology

Team Members

(CP)Naoki Sugimoto (FA1)Yoshikazu Tsukamoto (MBR)Kazuki Ishida, Shingo Imai, Fujita Hiromi, Satoru Yoshida, Hironori Iino, Shun Igarashi, Keita Sasaki, Kazuhiro Shimizu, Masaki Kano, Shinji Miura, Yuki Akamatsu, Shiori Morimatsu, Hiromichi Tanigawa, Akihiro Nakajima, Kenya Nishiaki, Yudai Fukuta, Kyoichi Yamasaki, Masaya Wade, Miki Kamihashi, Kei Ando, Shota Katada, Atsushi Hayashi, Takuma Nakamura, Hiromi Moto, Yusuke Shigeyoshi, Shodai Ootsuka, Takumi Maruya, Takahashi Hirotaka

Feature of car and express team wishes of the competition

We made some minor changes from the last model because we did not enter last competition. This time, we focused on cost reduction by making systems simply and reducing number of parts. Please see our inexpensive and functional car.

Team sponsors

AKIRAX, IMAMURA FRICTION WELDING, S-GRID, NTN, Kusajima Radiator Works, SUZUKI, TAN-EI-SYA, DAIDO KOGYO, TOLAP, NAOX, Hokuriku Thubu Car Driving School, MISUMI, YUMEKOB0



68 Waseda University

Team Members

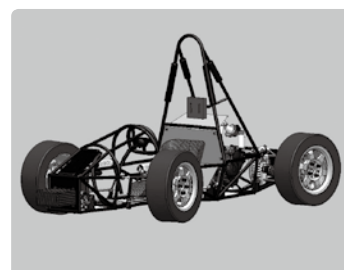
(CP)Andrey Pydin (FA1)Yasuhiro Daisho (FA2)Izumi Ishii (FA3)Masayoshi Obata (MBR)Koudai Usuki, Youhei Morisaki, Hirotaka Sasaki, Takamasa Yamamoto, Hironori Aikawa, Ryunosuke Kouchi, Akiko Mitsuhashi, Mitsunori Kimura, Momoko Okada

Feature of car and express team wishes of the competition

This is the third year since we established a new team. We could have not brought our machine to the start line in the past two years, however we reformed our team this year. Our target is to run the whole distance of all events.

Team sponsors

SUZUKI, NTN, SolidWorks Japan, Cars Hatano, Daisho Laboratory, Yamakawa Laboratory



69 Saitama Institute of Technology

Team Members

(CP)Naoya Kawada (FA1)Alan Hase (FA2)Masaru Enomoto (FA3)Shinsuke Nakajima (MBR)Norihsa Ootani, Keisuke Enomoto, Takuma Moriya, Kazuki Simizu, Syouta Simokata, Satoru Ueno, Takuya Asaumi

Feature of car and express team wishes of the competition

The machine's concepts of the Saitama Institute of Technology Formula Team in this year are the followings.

- The design of uprights and the layout of machine were improved.
- The total weight of our machine is around 200 kg.

The aim of our team is running all the events on the competition by improving the fuel efficiency and the operability.

Team sponsors

Shindoh, Terada, Yoshida Seiki, FC design, Takami Buhin Syoukai, Nittoku Sangyou, Kurakami Kougyou, Mito Kougyou, Saitama Institute of Technology Support Association



70 Tokyo Metropolitan University

Team Members

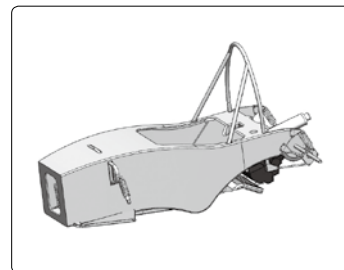
(CP)Masahiro Tomite (FA1)Takuya Yoshimura (MBR)Takahiro Kuromoto, Harada Tomohisa

Feature of car and express team wishes of the competition

We challenged the change to the frame that used a state-of-the-art material carbon, and did the improvement of the design power and lightening the machine. And, it aims at the high rank with the machine based on "Simple & Light" that is our concept.

Team sponsors

GH craft, NTN, APP, F-C-C, KEIHIN, SEKI, FUJI SEIMITSU, Racing Service WATANABE, Kyouwa industry, JFE steel, SHOWA DENKO, NISSIN industry, Ven Work Ware, HONDA, Hoosier, FET, Hitachi Via Engineering, Solid Works Japan



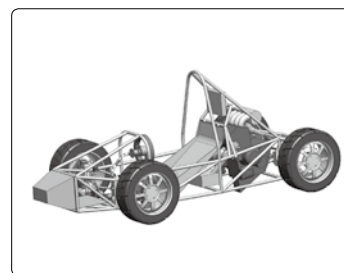
71 Fukui University of Technology

Team Members

(CP)Masaya Arasaki (FA1)Akira Oguri (MBR)Takahito Naiki, Kazuki Tsuda, daishi oguri

Feature of car and express team wishes of the competition

Team sponsors



72 Kyushu Sangyo University

Team Members

(CP)Masaki Mori (FA1)Takahiro Teranishi (MBR)Tadashi Adachi, Yasuharu Tsuchiko, Masahiro Nakamura, Kousuke Iwami, Noritoshi Turu, Kentaro Ko

Feature of car and express team wishes of the competition

Team sponsors



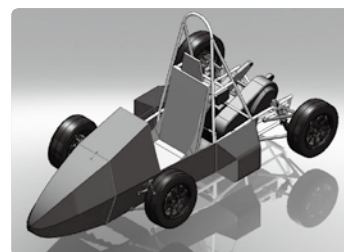
73 Hokkaido Automotive Engineering College

Team Members

(CP)Tomomi Tsurumaki (FA1)Tomomi Kaneko (FA2)Akihiro Kido (FA3)Daisuke Iwama (FA4)Osamu Watari (FA5)Tomohiro Sakata (MBR)Yuusuke Iwamoto, Arisa Yamazaki, Kento Mizumura, Ayaka Soga, Kouta Kurihara, Tsuchida Shota, Kento Oomuro, Akira Honma, Kajino Koichi, Zhao Bo, Hisato Mithui, Toya Kanai

Feature of car and express team wishes of the competition

Team sponsors



74 Toyama Prefectural University

Team Members

(CP)Atsushi Shizima (FA1)Haruki Yashiro (MBR)

Feature of car and express team wishes of the competition

We wish participate Student Formula SAE Competition of JAPAN. We could not participate Student Formula SAE Competition of JAPAN for not competed Cost report and Desine spec report last year, but we will participate Student Formula SAE Competition of JAPAN.

Team sponsors

no data

75 VNR Vignana Jyothi Institute of Engineering and Technology

Team Members

(CP)G. Vineeth (FA1)T. Srinivasa Rao (MBR)S. Rakesh, R. Sravan Kumar, D. Avinash, G. Yeshwanth, K. Raghu, K.Rishi, Prathyush, N. Dharanidhar, S. Seshi Kanth, N.Nitin, D. Ajay, K. Vinay Kumar, M. Suneeth Kumar, Yelamanchili Sravya, Yelamanchili Soumya, Sai Tejaswi Karri, Nikitha S, S. Rakesh

Feature of car and express team wishes of the competition

The car is made with safety as the first priority and thus good engineering methods are employed. The car is made of a spaceframe, independant suspension and delivers good performance on the track. The team designed each component carefully to qualify the technical inspection and give a good show at the competition. The team works as a unit and strives to take the car & team to a challenging win.

Team sponsors

VNR Vignana Jyothi Institute of Engineering and Technology, X Design Ventures, Jayem Automotives



80 Beijing Institute of Technology

Team Members

(CP)Luning Dong (FA1)Xu Bin (FA2)Zhenpo Wang (MBR)Ranyang Zhao, Feilong Yan, Changfu Zou, Dongdong Yan, Jiaoyang Chen, Jiajun Li, Miao Hua, Meiqi Hu, Yun Yang, Zimeng Zhang, Bo Sun, Yang Zhou, Long Ye

Feature of car and express team wishes of the competition

Features: light, bionics designed carbody

Aspirations: comity, cooperation, discovery, creativity

Team sponsors

China Changan Automobile Group, VI-Grade, DEC



81 Harbin Institute of Technology at WeiHai

Team Members

(CP)Zeyu Zhang (FA1)Jianfeng Wang (FA2)Guifan Zhao (MBR)Changlong Yang, Yuzhao Mo, Jinyu Liu, Dapeng Guo, Kun Cai, Mingze Xie, Xukai Zhang, Lei Gao, Yuan Lv, Yuhang Tao, Qingquan Cui, Yanqiu Xu, Weiqi Yao, Pengyao Yi, Huihai Zhang, Pengfei Zhu, Shaoliang Guo

Feature of car and express team wishes of the competition

Our team will take our ocean blue monocoque racing car which is made of carbon fiber and has higher level of adjustability and automaticity to this international competition. We are recently 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 manufacturing to the world.

Team sponsors

Weihai Wanfeng Magnesium S&T development CO.LTD, Guangwei Group, HATCH Engineering Grou, CUSCO Progressive Equipment.



82 *Siam University*

Team Members

(CP)Pakpoom Tongtem (FA1)Taweesak Piyatuchsananon (MBR)tanee kongbunjong, Jiraphat Subthep, Phitoon Esaaung, Sutthichit Pimchan, Vorached Varipat, Supalerk Rungneam, Arnon Kehanart, Weerapon Klaypat, Narongrit Kimsoy, Tairuebet Daetthaweewat, Paisan Suandokmai, Montree Siripattarachat, Tirawut Anutthato, Santichai Wunwong, Pinit Siprom, Yossaporn Saksri, jhakkirt siwakul

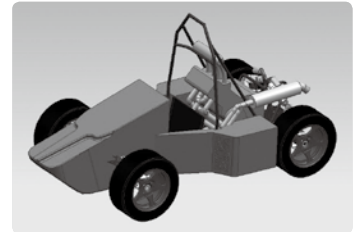
Feature of car and express team wishes of the competition

We are tending to manufacture high performance formula student car which we are tending to put the best attention in the most balance point while cornering including staying on the track at the same time. Our goal is to be 1 of 5 in the range of every dynamics events and also we keep all data for our future development in designing, manufacturing and human resources for later

national competitions.

Team sponsors

Nitto, Lenso



83 *Ghulam Ishaq Khan Institute of Engineering Sciences and Technology*

Team Members

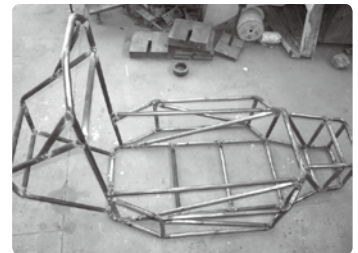
(CP)Muhammad Imran (FA1)Fazal Ahmed Khalid (MBR)Muhammaed Haseeb Alam, Muhammed Asad Jan, Fahad Naseem, Muhammed Salman Khan, Nauman Mubarak, Danish Ilyas

Feature of car and express team wishes of the competition

The car is a low cost but high performance machine. It is manufactured using limited resources. It is the first ever participation of Pakistan in any Formula student event. The team aspires to showcase the talent of young engineers from Pakistan. It is an opportunity for us to form a good atmosphere of cultural interactions. The relevant technical experience will help us professionally as well as new skills learned will later be used to improve existing standards in the automotive sector of Pakistan.

Team sponsors

University Alumni, University



84 *Swinburne University of Technology*

Team Members

(CP)Matt Dwyer (FA1)Clinton Steele (MBR)Mario Cappola, Sean Lewis, Sean Meldrum, Ben Seath, Stephen Hunter, Jonathan Wolf, Mitchell Phillips, Mathew Errey, Dougal Sully, Tim Hammond, Johnny Rachele, Stefan Smolenaers

Feature of car and express team wishes of the competition

Team Swinburne's 2010 Formula SAE car features a chromemoly spaceframe chassis with a Honda CBR600RR engine. The drivetrain features a custom adjustable differential, wet sump, intake and exhaust. The suspension is double unequal length a-arm pushrod, with blade style adjustable ARB's. The carbon fibre body and undertray have been designed using ANSYS FLUENT. The car has competed in FSAE Australasia placing 2nd. We hope to bring this success to FSAE-J.

Team sponsors

Kenworth, Swinburne TAFE, Denva Industries, Cooldrive Distribution, Cummins, Mosaic Recruitment, Silhouette Karts, DeWith Racing, Essential Wealth, Rootvii Kadakia Foundation, Bohler Uddeholm, NSK, Fantech, Klippan, SignZone, Metro Bolts, Aero Engineering, ARB, Lewis Grant Building, Shnitz, Solidworks, Ricardo, NT Performance, Bordo, Henkel, Foamex, HPC Coatings, OfficeMax, Race Radiators, Norden Hydraulic Connections, PPG, DCI Performance Products, Busch, Loctite



85 *Okayama University of Science*

Team Members

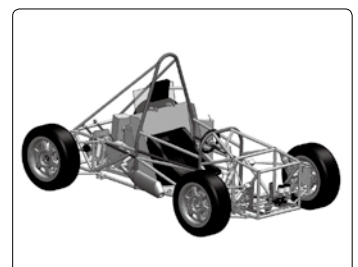
(CP)Yasunori Hirotani (FA1)Toshiaki Kaneeda (MBR)Toyohito Kusano, Hajimu Matsumura, Inoue Suguru, Masahiro Niino, Shigeru Kitaoka, Takumi Sawai, Takurou Kanda, Takuya Nagahiro, Shun Fujiwara, Masato Hirano, Tomoyuki Yoshida, Daichi Kato, Ryousei Sugata, Taiki Okumura, Hiroyoshi Aoyama, Yasuhiro Kawada, Tomoyuki Kobayashi

Feature of car and express team wishes of the competition

Aim to finish all events in a simple machine.

Team sponsors

Kawasaki, SolidWorks, NISIN, THK, SHIN, NTN, MiSUMI



86 University of Toyama

Team Members

(CP)Takanobu Yasui (FA1)Satoshi Sunada (MBR)Daisuke Yanaba, Nobuyuki Iwadera, shohei takegoshi, Kazuya Ishida, Kazuyuki Takata, Koya Fujita, Hajime Kazui, Ryuzou Hudetani, Shuichi Tsurumi, Chiaki Matsubara, Kazuma Matsumoto, Chitose Kanda, Ryo Fujita, Shuta Takeuchi, Sae Miyake, Sho Tanaka, Masamitsu Ikeda, Yasutaka Yamashita

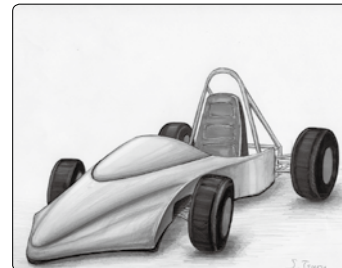
Feature of car and express team wishes of the competition

Our team are now one year old. Our vehicles are diverted to the survival path items in order to maintain a constant quality rather than novelty.

As the team's aspirations, "Join Conference" to work as the first.

Team sponsors

HONDA, SolidWorks Japan



87 Universitas Gadjah Mada

Team Members

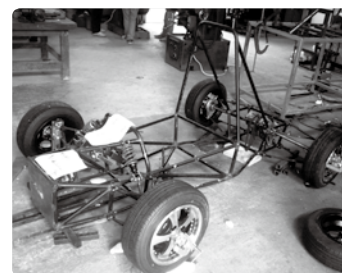
(CP)Akmal Irfan Majid (FA1)Fauzun (FA2)I Gusti Bagus Budi Dharma (FA3) Muhammad Agung Bramantya (MBR)Akbar Suryo Sadarpo, Habdimas Tunjung Sugandhiko, Ahmad Khozi Arijudin, Nosal Nugroho P, Riandro Pramudyo, Azhari Kurnia, Budi Santoso, Hadiyan Yusuf Kuntoro, Dodi Bagus Jonathan Hutabarat, Fresilia Sukmawanty, Mithafirsty Annisa Cesarysti, Andika Rinaldo Asry, Monanda Wandita Rini, Mahathelge Mohammad Supriyadi, Muhammad Audi Yusuf

Feature of car and express team wishes of the competition

With a high spirit of nationalism, Bimasakti Team wishes to achieve some prestigious awards and become the most impressive rookie. This chance let us to show our capabilities in automotive industry. The vehicle has three pedals and make it different among others.

Team sponsors

IATO (SAE Indonesia), Universitas Gadjah Mada, Garuda Indonesia, Top 1 Oil



43 Tokyo University of Agriculture and Technology

Team Members

(CP)Takatsugu Sato (FA1)Takayoshi Kamada

76 The University of Kitakyushu

Team Members

(CP)Shuhei Takizawa (FA1)Sadami Yoshiyama (FA2)Ryoichi Matsunaga (FA3)Sadao Mizuno (MBR)Kenta Taira, Yuya Oyama, Atsushi Kanda, Ryota Nakajima, Tomoyuki Inoue, Tomohiro Kawaoka, Keisuke Kamiya, Naoki Honda, Taishi Oka, Keizo Konishi

77 Maharaja Agrasen Institute of Technology

Team Members

(CP)Shashank Arya (FA1)Vinod Kumar Jain (MBR)Aman Ved Kalia, Abhishek Jain, Chetan Chawla, Gaurav Kalra, Prateek Gupta, Tejas Tilak, Vipul Tyagi, Nishant Katyal, Piyush Jindal, Saurabh Pargal

78 Reva Institute of Technology and Management

Team Members

(CP)NITHIN B (FA1)JAGADEESH L R (MBR)PRATEEK M NAIK, VARUN R, SHASHANK U MORO, HAREESH K G, GAURAV G, NAGRAJ U, SUJEETH SWAMI, GANGADHAR G, VAIBHAV J, PAVAN THAKUR, GAUTHAM CHANDRA, ABHISHEK SHENOY, PRADEEP KUMAR, NITHIN B

79 Amrita School of Engineering

Team Members

(CP)H Omnaath Guptha (FA1)S.Thirumalini (MBR)Shyam Sundar, Dheepak R, Shyam Sankar, Dakshinamoorthy V, Harikrishnan R, Abhishek Gowrishankar, Vignesh S, Swathikha Sundaram, Neeraj K Ramdas, Parvathi M K, Megha T V, Harish Sudharsan K V, Madhu Prassanth R, Sudarsan V, Arjun Dhamodharan, Nallasivam T, Vivek M.S., Adarsh Nair, Srivishnu V M, Aashish Sundaresan, Abhinav R, Vengataramanan R, Arun L, Gowtham C.P, Kishhanth R

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

[Attention]

- ⚠ You must not enter the Dynamic Events Areas ("Dynamic Events Areas" on the map) (except team members and examiners in possession of a pass permitting entry to these areas).
- ⚠ 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.

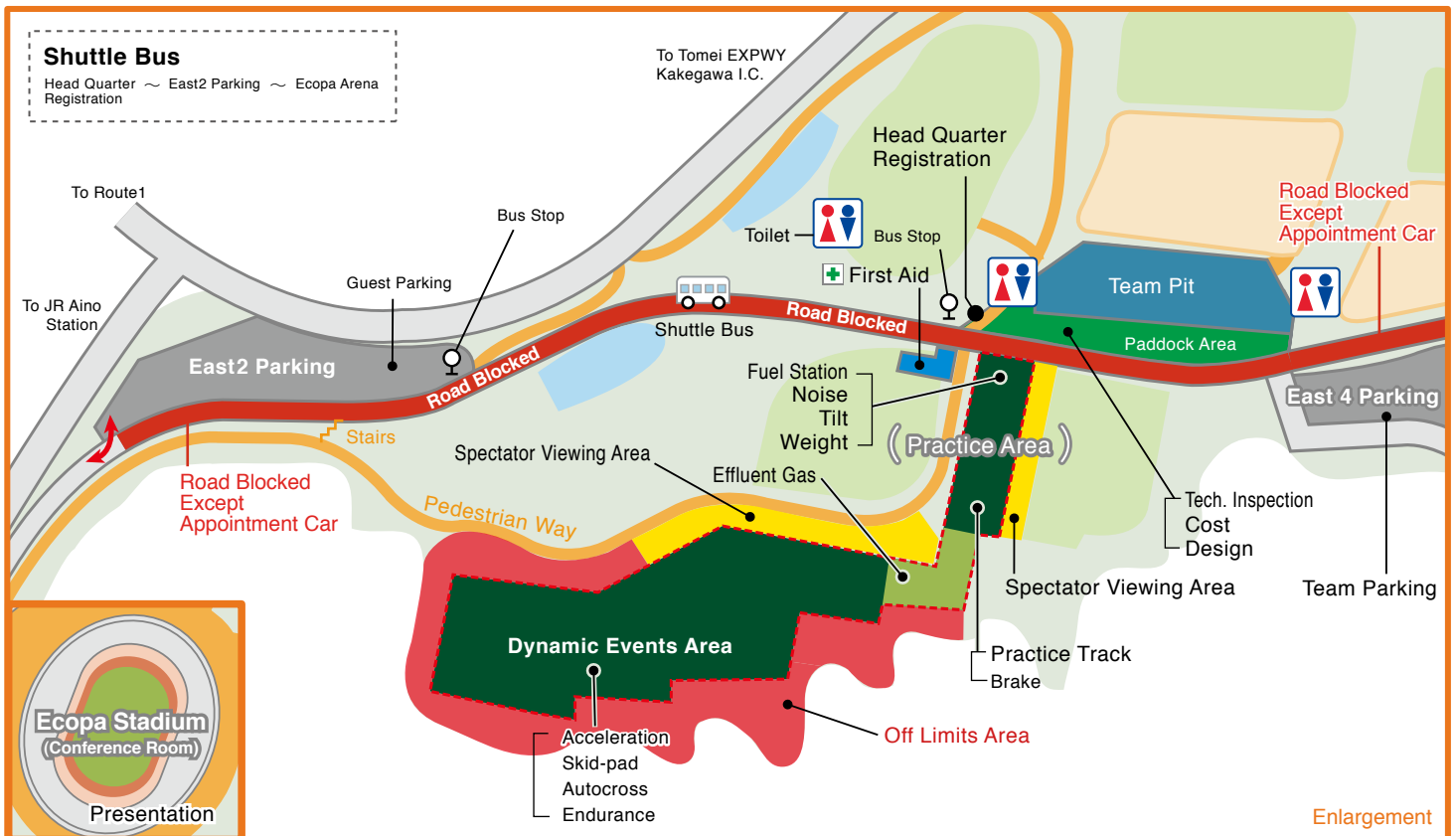
[Immunity from responsibility]

- ⚠ The organizers and Sponsors, Co-sponsors don't take any responsibility for damages or losses.
- ⚠ The organizers are not liable for any changes made to the program.

Site Map



Competition Site



ECOPA Guide Map

