



CHARUSAT
PROSPECTUS



SPECIFICATIONS :

- Light weight compact design chassis.
- Suzuki R GSX 600 Engine
- Glass fiber composite inline4 intake manifold.
- OZ formula racing 13" Al alloy rims along with MRF ZLO Formula racing all weather tires.
- 6-point harness for maximum Safety & Ergonomics.
- Double wishbone suspension system.
- Ackerman steering with high transmission ratio bevel gears.



SPECIFICATIONS :

- Light weight compact design chassis with improved aerodynamics.
- KTM RC 390 Engine
- Glass fibre composite intake manifold.
- Keizer 10" Al Rims With Hoosier Formula Racing All Weather Tires
- 6-point harness for maximum Safety & Ergonomics.
- Double wishbone Independent suspension system.
- Ackerman steering with high transmission ratio bevel gears.

Who are we?



The team from CHARUSAT University consistently participating in Formula Student Competitions. Students from different streams of engineering collaborate together to make a formula-3 based race car. We put every possible effort to improve and innovate.

Achievements:



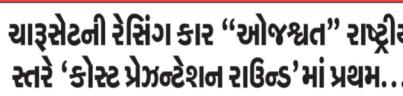
- 1st in endurance test in SUPRA 2014
 - Go-Green Award for most efficient car in SUPRA 2014
 - Overall 3rd Rank in SUPRA 2014
 - 2nd rank in Skid-Pad event in SUPRA 2016
 - Overall 5th (1st in Gujarat) rank in SUPRA 2016
 - 1st in Cost analysis FFS2018
 - Runners up in FFs2017

THE INDIAN EXPRESS, MONDAY, JULY 18 2016

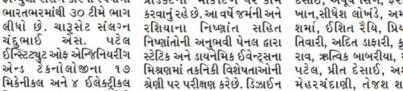


ACHIEVEMENT - CHARUSAT

The Charotar University of Science and Technology (CHARUSAT) has achieved laurels at national level for formula racing car developed by its students, known as QJASWAT, which has achieved 2nd Rank in the Skid pad Test in SUPRA SEA India Students Formula 2016. Team 'QJASWAT', is a group of 25 young engineers (9 from Mechanical, 5 from electrical and 1 from communication) from Chandubhai S Patel Institute of Engineering and Technology, a constituent institute of CHARUSAT. They participated consecutive fifth time in this national level competition organised annually by SAE India. SUPRA is a platform for students to apply their engineering skills to design and construct a Formula category vehicle as per defined performance and safety specifications. This year, the event saw record participation from 3,500 engineering students from 125 teams in the SUPRA SEA India Students Formula 2016 design competition held at India's First F1 Track Buddhata International Track at Noida. The Dr. Amit Ganatra, Dean of FET, Prof. Vijay Chaudhary(HOD), Dept. Of Mechanical engineering and Prof. Anand Patel and Prof. Sujal Dadhania , Faculty Members, Mechanical Engg have provided endless guidance for this victory. On this occasion CHARUSAT Family including Shri Surendra Patel, President, Dr. B. G. Patel, Provost, and Dr. M. C. Patel, Secretary of Kelavani Mandir, Devang Joshi, Registrar, CHARUSAT congratulated the team QJASWAT for this achievement.



બંદુકા એસ. પરેલ ઈન્ડિસ્પેટર થાક કેકોલોજીના ૧૫
મિનિનીકલ અને છ કલ્કુલેશન વિધિશાળાના મળીને ૧૯
દોસ્તાવ વિધિશાળી લાગ નિર્મિત કરી એ રીસિંગ કરી
પોતાની જીવની પ્રાણી હાજરી કરી એ કાર્ય કરી



EVOLUTION



2011-2012



2012-2013



1



100



2017



2018

ABOUT COMPETITION...



FORMULA BHARAT

Formula Bharat is an engineering design competition in which students from colleges and universities all over the country, compete with a life - size Formula - style vehicle in areas of engineering design, overall cost marketability and dynamic performance.

The series replicates the global student Formula series hosted in around 11 countries.

FFS

FMAE Formula student(FFS) is an initiative by Fraternity Of Mechanical & Automotive Engineers(FMAE). This is an Formula style car making student competition. A team of 25+ technical experts and 15+ education experts will be there to train and guide all the participating teams from various universities of many countries.



SAE SUPRA

For SUPRA SAEINDIA 100+ teams selected on criteria such as engineering design, design validation, project plan from various engineering colleges across the country, will strive for a place on the podium. This helps the objective of bringing out student talent to serve the nation for the years to come, in fulfilment of the Automotive Mission Plan (AMP 2016) a dream to make India an International Automotive Hub.



Why sponsor us?

Building a formula racing car is not only a marvelous engineering challenge but a **financial** one also. However, the most important matter is **support**.

Our team members are extremely motivated and dedicated towards our motto. Each and every member of team OJASWAT believes in team-spirit and we carry that spirit till the last moment of competition.

By sponsoring us, your organization will get expansion and exposure, promotion for massive 1 year period continuously along with the target audience of more than 15,000+ and at different places. You will get recognition on social media, our official website and many newspapers. In addition to that, company's logo on car as car itself is major factor of promotion. Above all of these, you will become the part of prestigious team OJASWAT and CHARUSAT family.

As we are among the best teams in India and compete at very renowned and best formula student events of national and international level in the country, your organization will get felicitation at national level in formula racing circuit.

Benefits of Sponsorship



Digital Marketing

Promotion on social media as well as our website. among 5000+ follower's audience. Your company will be mentioned in our videos, posts and all other web activities.



Campaigning

Promotion in colleges All Over Gujarat through campaigning and many car related events



Acknowledgement on formula car

Most effective and basic form of advertisement is your logo on formula car itself (representation of car at many events and places)



Special mentions in events

Advertisements in college annual festival (Spoural), Tech fest (Cognizance) ,different workshops and seminar.



Mentioning on the t-shirts

Promotion as your logo on t-shirts and merchandise of every team member.

Media coverage

OJASWAT has been publicized in news paper such as The Times of India, Indian Express, Divya bhaskar ,Gujarat Samachar etc...



You can get up to two guest lectures in seminars that will be conducted by team.

Your advertisement will also be shown in department televisions in college.

Availability of team and the car once for the purposes like exhibition.

Your advertisement in posters and banners in national and international events like Formula competitions, **Auto-expo's, Switch Expo, Vibrant Gujarat and more.**

Create positive PR and raise awareness of the organization as a whole. This is a chance for expansion of your target region, audience and network. Sponsoring us is making sure of your corporate social responsibility. Moreover, by collaborating with us you will become the part of Team OJASWAT and CHARUSAT family.

How to Support us?

Every type of support that helps the team to make a better car is appreciable.

You can support us by various ways, like:

Manufacturing

Any machine, tool, accessory, auto part etc. that can be used to make the car can be sponsored.

Material

Any facility like welding, machining, composite material molding, metal treatment etc. can be sponsored.

Knowledge

Any skilled personnel from your firm can help us by sharing valuable knowledge and ideas.

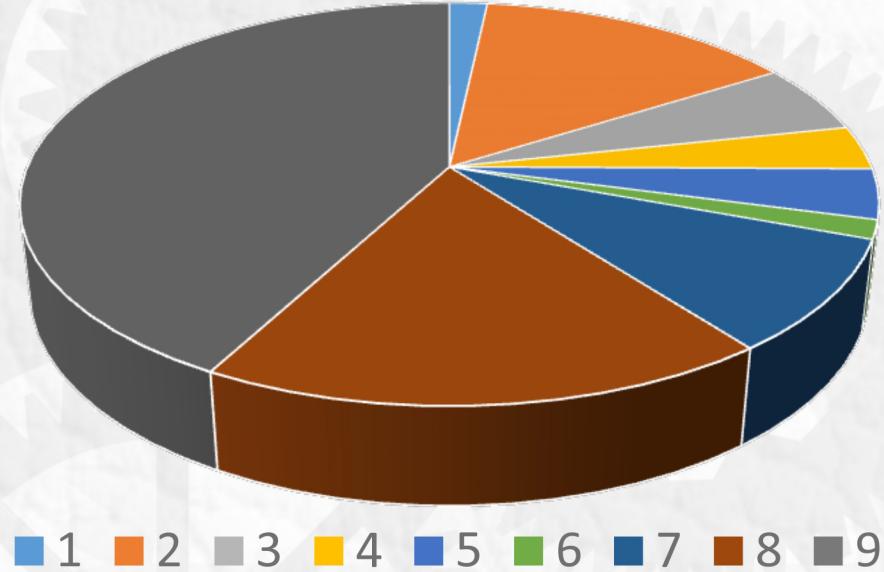
Monetary

Any sponsorship in form of financial contribution is Welcomed .

Transportation

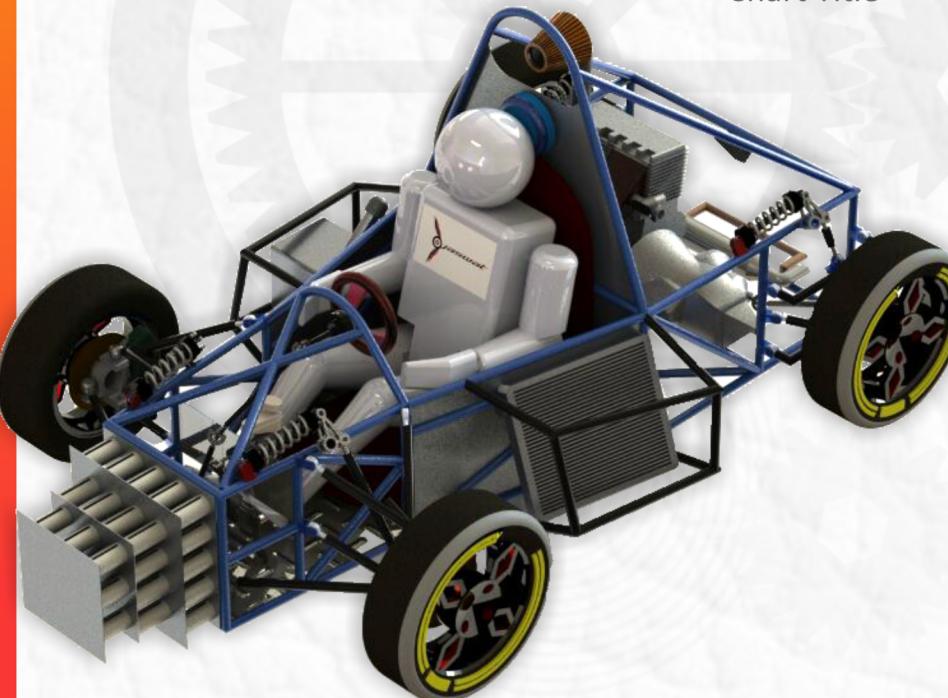
Any service of transport, travel and accommodation.

Ojaswat'18 Cost-Analysis



■ 1 ■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■ 8 ■ 9

Chart Title



Brake	17376.50 ₹
Engine & Drive Train	1,46,698.00 ₹
Frame & Body	57075.78 ₹
Electrical System	36065.12 ₹
Fit & Finish	41093.00 ₹
Steering System	15398.00 ₹
Suspension System	91451.48 ₹
Wheels & Tires	186290.80 ₹
Miscellaneous	731044.97 ₹
Total	13,22,493.00 ₹

Alpha One Mall Auto Expo
Ahmedabad



Madras motor speedway
Chennai



Kari motor speedway,
Coimbatore



Kari motor speedway,
Coimbatore



Kari motor speedway,
Coimbatore



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Noida



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