

The Formula SAE Team of VIT University, Vellore

PRAVEGA RACING







Dr. G Vishwanathan

Founder & Chancellor

Former Member of Parliament

Former Minister, Govt. of Tamil Nadu

President, Education Promotion Society of India, New Delhi



Sir/Ma'am

Greetings from VIT University!

I am happy and proud to inform you that Pravega Racing is the official Formula SAE(FSAE) team of VIT University. The team comprises of a group of able and resolute students of our institution from all academic divisions, aiming for excellence. Pravega Racing is among the top three Formula SAE teams of India. In 2016, the team finished 37th in Acceleration and Manufacturing event, 13th in Business Presentation and we were the fastest Indian car during the event.

This year the team has set for itself more goals to achieve so as to improve and enhance the vehicle. However, there exists a further requirement of extensive financial support from the industry. Sponsorships from the organisations such as yours, go a long way in aiding the team in such prestigious international events. Such a partnership is beneficial to your organisation in terms of national and international publicity.

Thus, I seek your generous financial support by means of sponsorship so that the team may achieve its goals and make the country proud.

Thank You

Yours Sincerely

Dr. G Vishwanathan



FORMULA STUDENT

A Global Engineering Showdown





ABOUT FORMULA STUDENT

Formula Student is an opportunity for students to design, manufacture, and race a formula-style car. Over 570 university teams from around the world participate in competitions held across the globe including locations such as USA, UK, Germany, Italy, Japan and Australia. The participants explain and defend their design decisions, test their driver's abilities and pitch their car to venture capitalists via a business presentation with the target market as amateur weekend autocross drivers.



THE TEAM

VISION

Pravega Racing seeks to enhance the learning experience of the student community at VIT University by implementation of engineering fundamentals within the context of building a formula style racecar. We strive to achieve this by focusing on world class engineering practices and institutionalising innovation.

KNOWLEDGE SHARING

The team believes in knowledge sharing and communication between members so as to continuously improve the car and the team year-upon-year. We use an online portal to document all our data which is then used by the team members, both past and present, to improve their understanding of vehicle fundamentals so as to come up with a technically sound design for the car.

TEAM GOALS



Maintain our growth rate to be the best Formula Student team in the world.



To institutionalize innovation so as to implement the concept of continuous improvement.



To obtain overall first position in Formula Bharat, 2017.



VEHICLE SPECIFICATIONS

PERFORMANCE	: PEAK POWER- 80 BHP AT 9,700 RPM, PEAK TORQUE-48 NM AT 9200 RPM, ACCELERATION- 0 TO 60 KMPH IN 4 SECONDS, MAXIMUM LATERAL ACCELERATION -1.9G.
POWERTRAIN	: HONDA CBR 600 RR ENGINE, PE3-ECU .SEQUENTIAL GEAR BOX WITH MECHANICAL ACTUATION.
VEHICLE DYNAMICS	: WEIGHT - 235 Kg, TIRES-HOOSIER 18x7.5-10,R258. OHLINS TTX-25MKII 4-WAY ADJUSTABLE DAMPERS, INDEPENDENT DOUBLE UNEQUAL A-ARM, PULL ROD ACTUATED SHOCKS IN FRONT.
ELECTRICAL	: STUDENT DESIGNED WIRING HARNESS WITH DIAGNOSTICS
BRAKES	: CUSTOM MADE EN19 BRAKE ROTORS, WILWOOD GP320 (FRONT) AND PST(REAR)
COMPOSITES	: CARBON FIBER BODY, INHOUSE MANUFACTURED AERO PACKAGE
AEROPACKAGE	: AEROPACKAGE INCLUDING FRONT WING,REAR WING AND SIDE PODS

OUR LEGACY

We have come a long way.

2016



13th in Business Plan, 39th in Design Event,
40th in Cost Report
Fastest Indian Car

2015



8th in Cost Report, 10th in Business Plan,
21st in Design Event

2014



FSF'14-Only Indian Team to compete in all
events.

2013



FSAE Italy - 2013
2nd in Cost and Manufacturing, 19th overall

2012



FSAE Italy - 2012
3rd in Cost and Manufacturing, 29th overall

2011



FSAE Italy - 2011
45th overall

COMPETITIONS



Formula Student Germany 2016

- 13th Business Plan Event
- 39th place in Design Event
- 40th place in Cost Report
- 39th in Engineering Design
- 37th in Acceleration
- 41st in Skidpad Event

Fastest Indian Car in the event

Formula Design Challenge India 2016

- 4th overall
- 1st place in Acceleration
- 1st place in Business Presentation
- 1st place in Skid pad
- 3rd place in Cost & Manufacturing
- 3rd place in Engineering Design

Special Award for the "Spirit of FSI" and "Cleanest Pit"

Formula Student Germany 2015

- 8th in Cost report event.
- 10th in Business Plan event
- 21st in the Design event.

Best ranked Indian team by any Indian team in Formula Student history.

Formula Design Challenge India 2015

- 3rd Overall
- 2nd in Autocross event
- 2nd in Design event
- 3rd in Cost Report
- 3rd in Business Plan event
- 3rd in Skidpad event

We set the national record of completing the autocross lap in 1 minute 23 second which is still un-beaten.

WHY US?



Value Creator



Brand Building

Pravega Racing has a wide range of avenues through which we intend to publicize our sponsors. National and international visibility provided by our events helps us in publicizing our sponsors on a global scale.



Be an employer of choice

By sponsoring the team, you are directly training future employees by helping students gain practical skills applicable in the industry.



Corporate Social Responsibility

Assistance provided to our team shall add to the activities within CSR of your company.

Positive Image

PRODUCT SUPPORT



Monetary Support
providing us with money will directly assist us in the manufacturing of our vehicle.



Product Support
providing us with your products will help us to build a high performance vehicle and reduce the cost incurred.



Technical Knowledge
Practical know-how in technical issues can help the team in building a safe and reliable car.



Logistics Support
Support in shipment of the car to international competitions shall allow the team to utilize its limited resources towards other activities such as better manufacturing practices.

MONETARY ASSISTANCE

HOW?

PR STUNTS



From an amateur team back in 2009 to the best ranked team in India, it has been an amazing journey. This wouldn't have been possible without the constant support and motivation from our sponsors. They were the ones who believed in us when no one else did.

We do our best to keep our sponsors satisfied by branding them through our various PR activities. A drag race was held between our sponsor BMW and PRV16.

We created a Formula 1 style pit during our cultural fest, Riviera, where we promoted our sponsors. More than 25000 people attended the event and it was the biggest centre of attraction of the festival.

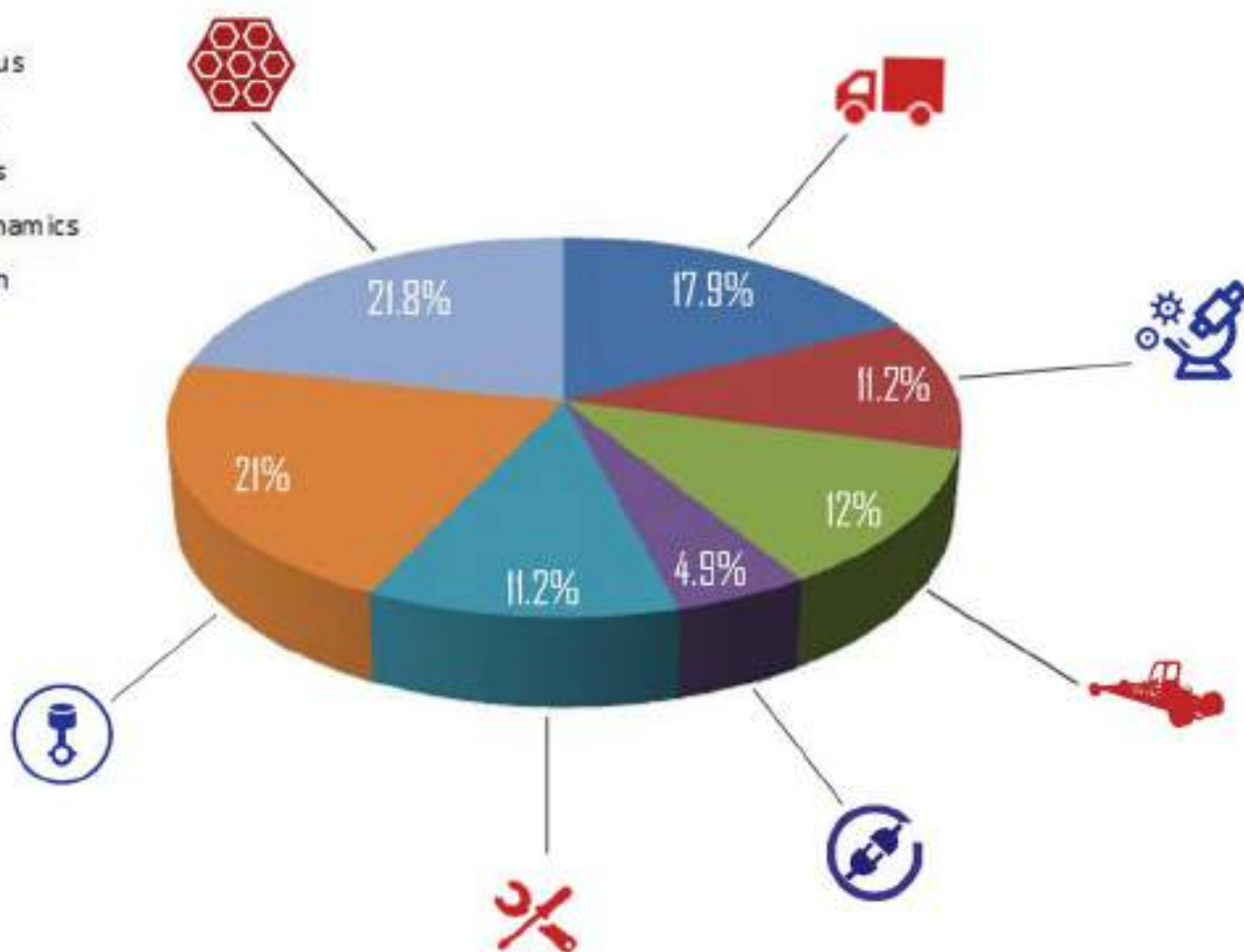
We conducted a grand launch for our new car PRV 16. All the sponsors were showcased at the event. All the senior management of VIT, sponsors and alumni attended the launch. Excitement amongst the freshers was heartening and it was them who made our launch the biggest event of the semester.



BUDGET



- Logistics
- R&D
- Miscellaneous
- Electronics
- Composites
- Vehicle Dynamics
- Power Train



TOTAL BUDGET : ₹45,00,000



Finances go a long way supporting the various endeavours of the team.



Practical know-how in technical issues help the team in building a safe and reliable car.



Certain parts are not easily available and sponsorship in the form of those parts shall benefit the team.



After Burner
(>=10Lakh)

Twin Turbo
(>=7Lakh)

Turbocharger
(>=5Lakh)

Supercharger
(>=3Lakh)

Nitro
(>=2Lakh)

Logo On Car



Logo On Team Apparel



Online Publicity



Distribution of Company Merchandise



Promotion at Events(FSI+FSG)



Promotion at College Fests



Promotion at Launch



Exclusive AD Campaigns



Themed Body



Team & Car Availability



PLATINUM SPONSORSHIP



Own the Racecar

Our Platinum sponsor owns our race car along with the driving equipment, special kit and a 3D printed miniature model of our car.

Naming Rights

The naming rights of the car solely belong to our Platinum Sponsor.



ONE TEAM ONE DREAM ONE CAR



CONTACT US

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