

ASU Formula racing team



FORMULA STUDENT

Institution of
**MECHANICAL
ENGINEERS**



Formula Student

- Formula Student (FS) is an international Competition held in mid July at Silverstone Circuit at UK ,Run by the Institution of Mechanical Engineers (IMechE).

**FORMULA
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Formula Student



- It challenges university engineering students from around the world to design and build a single-seat racing car, which is then put to the test at the famous Silverstone Circuit.



Why get involved?

For Students:

Through Formula Student will:

- Get exposed to marketing, time management, project management, team building, budgeting, presentation skills, and other management issues
- Develop experience, skills and professionalism as “hands on” engineers, with a keen awareness of the often competing pressures of performance, cost, safety, reliability and regulatory compliance.
- Get prepared to enter a career in motor sport, the automotive industry or many other areas of high performance engineering.



Why get involved?

For Companies:

Companies involved with Formula Student through sponsorship get face to face access to:

- These highly skilled young engineers,
- Potential recruits
- Potential future customers.
- Provides opportunities in brand awareness and sales



ASU Formula racing Team

- An Egyptian team representing Faculty of Engineering “Ain Shams University” for first time in international competition.
- The Team Consists of 25 members from 3rd, 4th and fresh graduates skilled Automotive Students.
- The Passionate team, start working for this project from August 2010.
- The team aim to represent Egypt and to have real exposure and interaction with students from similar universities around the world.
- Team Succeeded to be registered team in 2011 competition.



Our Goals

- Awakening Egyptian Automotive Industry
 - Introduce the Automotive Industry specially Car manufacturing in Egypt.
- Gain and Apply Knowledge
 - Using the manufactured car of the competition in PHD and masters Studies
- Seeking Experience
 - LEARNING, APPLYING and getting INVOLVED in international learning events.



We Work under the supervision of

Dr. Mohamed Ahmed Abd Al Aziz

Assistant Professor at Automotive Engineering
Department, ASU



FSASU Project “Project Phases”



FSASU Project

Team Sub-teams

- Powertrain
- Frame (Skelton)
- Body (aerodynamics)
- Brakes
- Suspension
- Steering
- Electrical System
- Fundraising and Purchasing



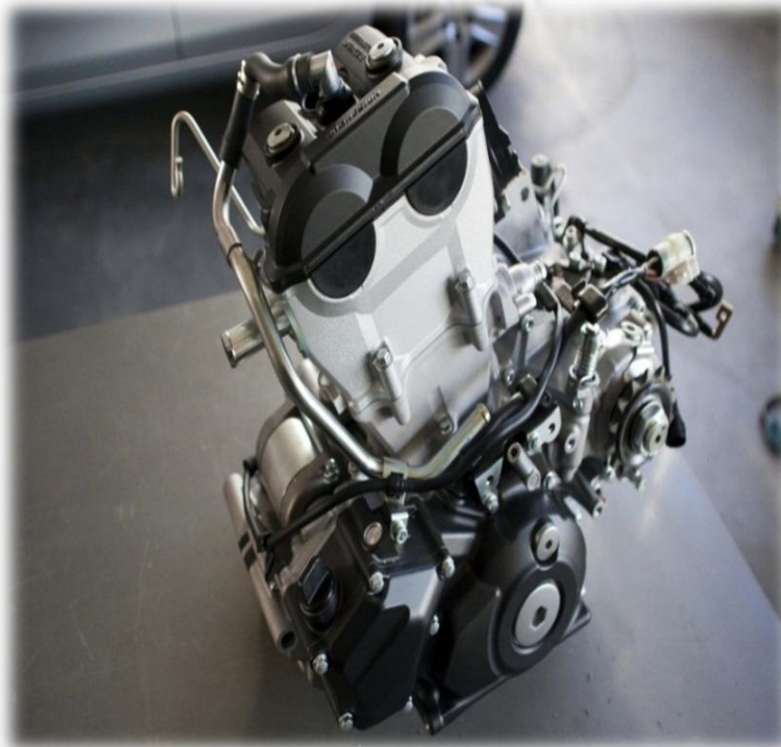
FSASU Project

Team Sub-teams

- Powertrain



Differential

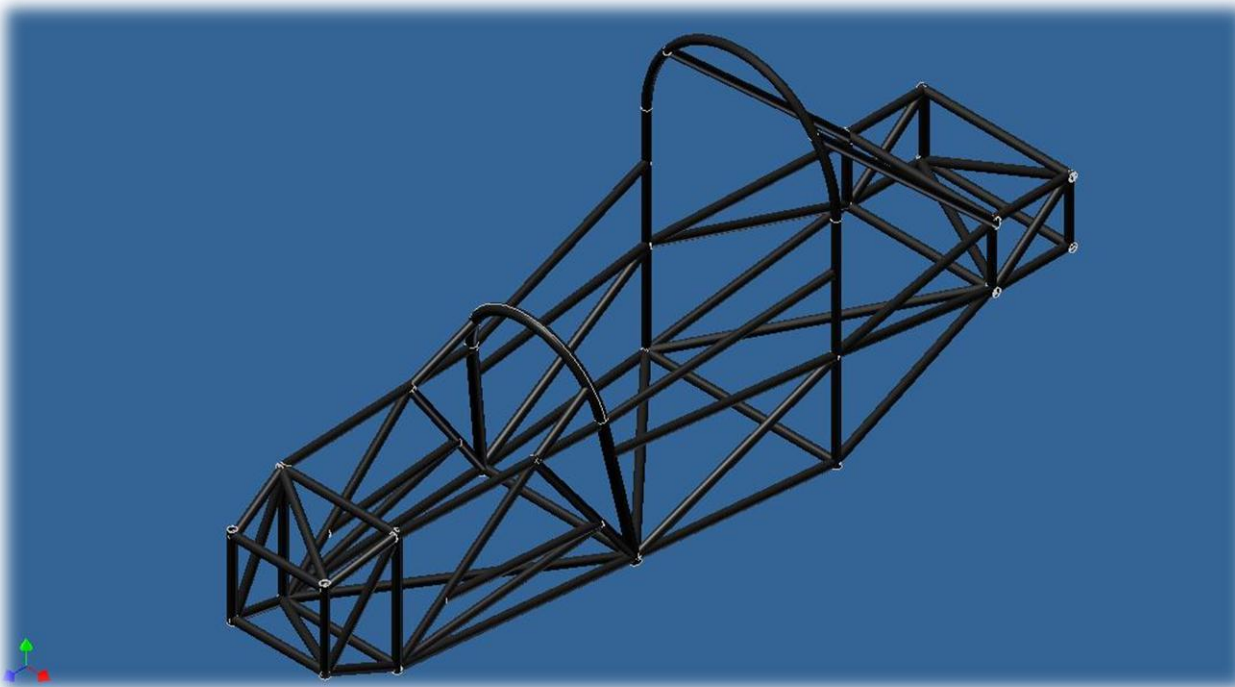


Honda Race 600 CC CBR RR

FSASU Project

Team Sub-teams

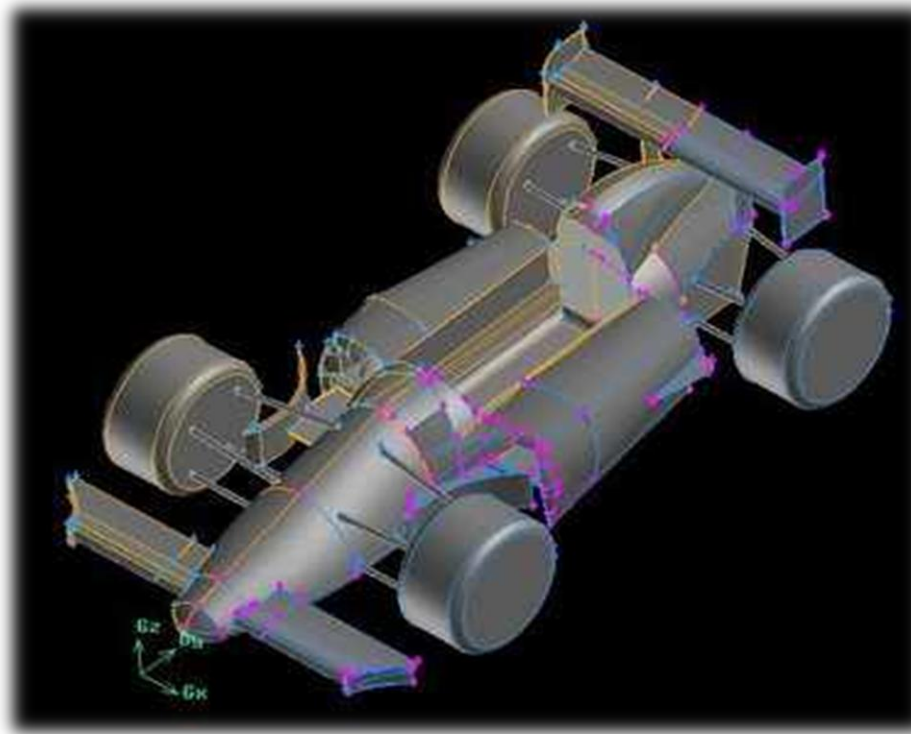
- Frame (Skelton)



FSASU Project

Team Sub-teams

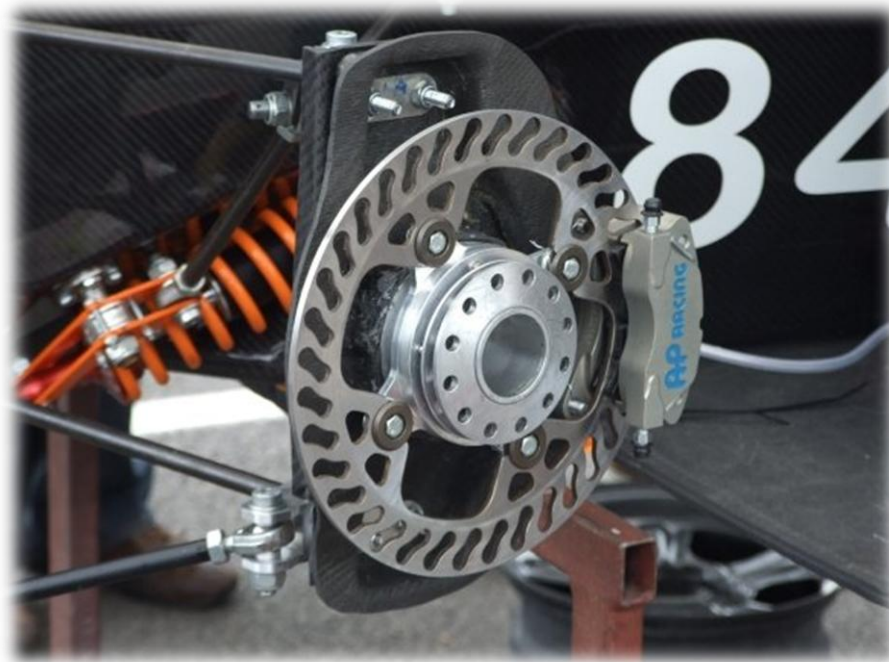
- Body
(aerodynamics)



FSASU Project

Team Sub-teams

- Brakes



FSASU Project

Team Sub-teams

- Suspension



FSASU Project

Team Sub-teams

- Steering



Project Requirements

Funding Sponsors

- To Provide the Team with the required fund for:
- Tools we will buy
- buying Car Parts
- Other

Car Parts and Tools Sponsors

- Required Tools and Testing Equipment.
- Required Car Parts



Project Requirements

Transportation and accommodation Sponsors

- To Sponsor the carrier of 25 – 30 team member
- To Sponsor the freight costs for Formula 1 shipment from Egypt to UK and Vice Versa
- Accommodation “Camping equipment's at Silver Stone Circuit”

Media Sponsors

- For Publicity: To Cover our preparation for the competition and our getting back Ceremony



Our Contacts

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Our Face Book Group:

ASU formula racing team



Share us through
Facebook Page

ASU Formula Racing
Team

