

After the December exams, the TAU Racing team continued with the design and manufacture of the TAU-I7 car. There has been a lot of progress and exciting developments this semester, in particular the team's Christmas present in the form of a Triumph 675 Daytona bike! This bike will provide the engine for TAU-I7.

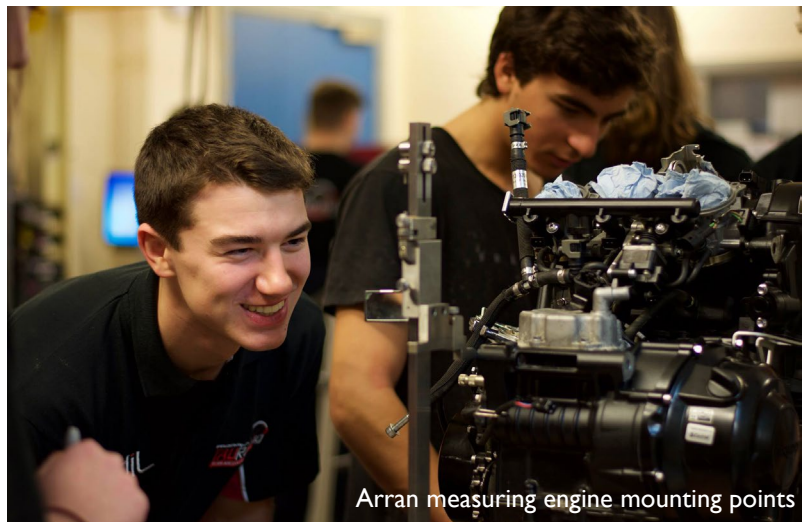


Triumph 675 Daytona with TAU-I6 car



TAU Racing is delighted to welcome on board our new Principal Sponsor, Nexen Petroleum U.K Limited. Nexen is an upstream oil and gas company responsibly developing energy sources in the UK North Sea, offshore West Africa, the United States and Western Canada. In addition to the financial support used to implement the new powertrain package, Nexen will support team members with technical mentoring and project management advice. The team is enjoying working with Nexen on the TAU-I7 project and looks forward to continuing our partnership for many years to come.

Implementing feedback from the judges at the 2016 FSUK competition and utilising changes in the 2017 rules allowing for maximum engine capacity of 710 cc (increased from 600 cc), TAU Racing have upgraded the powertrain package by purchasing a Triumph 675 Daytona. The new engine offers higher brake horse power and torque than our previous Honda CBR600 engine and despite the increase in capacity, it has a much smaller geometry. The Engine and Drivetrain Departments are currently working on the new design with engine maps being developed and final drive systems refined to meet the demands of the increase in performance.



Arran measuring engine mounting points

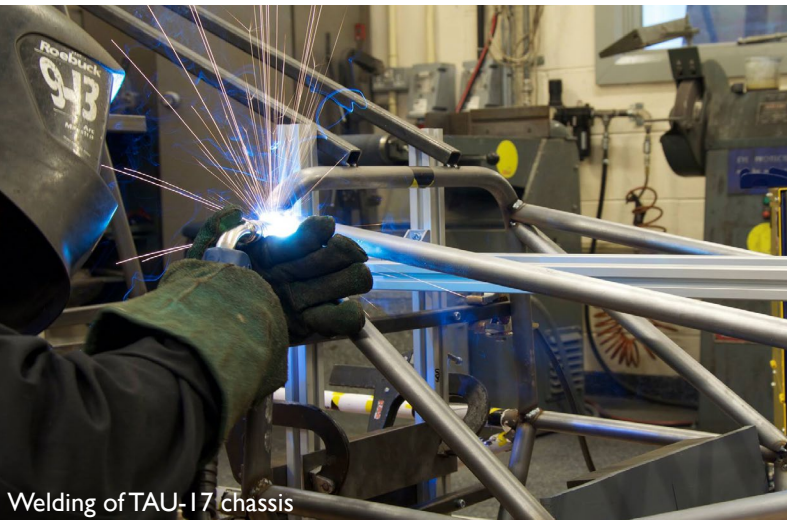


Each year, the Formula Student UK Competition offers a financial award to up to 5 UK teams. Following a compelling application created by the team, TAU Racing is thrilled to announce that we have been presented the Formula Student Award for the first time. The grant will be allocated to the development of the composites department, including the manufacture of our new nosecone and seat, which will provide TAU-I7 with increased downforce and extra comfort for the driver.





From the 1st - 3rd of February, the TAU Racing team showcased the TAU-I6 car at the Subsea Expo exhibition and conference. The event was a great opportunity for team members to meet with industry professionals and broaden their network, and also provided exposure for the team and our sponsors. The team 's attendance at Subsea Expo featured on STV news, providing our Treasurer, Arran, with his 15 minutes of fame! The team would like to express our thanks to Subsea UK for providing us with a stand.



Welding of TAU-17 chassis

All of TAU Racing's Departments have collaborated closely during the design of TAU-17. Thanks to a significant amount of work from the Technical Departments, the TAU-17 chassis model has been finalised and manufacture is now well underway. As suggested by Design Judges at the 2016 Formula Student UK competition, the rear packaging has been redesigned to integrate the engine, drivetrain and suspension systems together in a tightly-packaged assembly, reducing the overall weight of the car.

The majority of TAU-17's components are designed by students and manufactured in house in the University of Aberdeen's workshop. In addition to machining many crucial components, the workshop staff are currently training students in different manufacturing techniques, such as welding which is vital for the chassis manufacture. We would like to thank the workshop staff for their continued support - we could not do the Formula Student project without them.



Team members with University of Aberdeen workshop staff



TAU Racing team will be continuing with the manufacture of TAU-17 until the next exam period at the end of April. Following this, the TAU-17 car will be assembled for the 2017 FSUK Competition from the 20th - 23rd of July. To keep updated visit the TAU Racing [website](#), [Facebook](#) and [Twitter](#).