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Sheffield Formula Racing team tastes success

Engineering students benefit from Ceratizit's support to challenge the very best

This year was the 20th anniversary of the Institution of Mechanical Engineers Formula Student competition, Europe's most established educational motorsport competition, where teams of mechanical engineering students compete to produce a single seat race car to take part in static and dynamic competitions. The University of Sheffield has competed for the past ten years under the team name Sheffield Formula racing (SFR) and continues to challenge some of the leading Universities from the UK and across Europe.

This year saw SFR deliver its best results to date, finishing as the second highest placed UK team, and fifth overall from a staggering entry list of 81 university teams. Contributing to that achievement was the fact that SFR's car won the accolade of being the most efficient internal combustion vehicle, in addition to reclaiming for the team the title of the lightest internal combustion engine car in the competition, weighing in at just 158kg.

The University of Sheffield team draws in members from across the Faculty of Engineering, but mainly the Department of Mechanical Engineering. The competition helps develop valuable skills sets for those taking part, including application of engineering analysis and design, teamwork, networking, advanced manufacturing techniques, and business and financial planning. Part of which is working with local suppliers and partners to aid the development of the car. Sheffield-based CERATIZIT UK & IRELAND, through its WNT brand, was happy to contribute sponsorship in the form of cutting tools. "The WNT tools supplied by CERATIZIT allow the machining of hard alloys, in particular our 3D printed Titanium parts. The tools have

made a big difference to our machining times and capabilities, giving us much faster cycle times and improved surface finishes and ensuring we met tight deadlines and part quality requirements." Aidan Charity, Sponsor Liaison (2018), Sheffield Formula Racing. "We have big plans for the 2019 competition, with the aim of remaining as a top three UK team, with the ultimate goal of going one better and standing on the top step of the podium. The partnerships we have with businesses such as CERATIZIT UK & IRELAND will help us to achieve that goal."

Attachments:



The Sheffield Formula Racing team celebrate their success at the Formula Student Race weekend. They were helped on their way by use of WNT cutting tools.

Issued on behalf of

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