

Open invite to suitable students: (Prospective bursary):

November 2021

Suitable student/s that are interested in completing their MSc – 1 year or PhD – 2 years, in the realms of a project in the automotive crash analysis/safety field, are invited to submit their interest to the following project.

In brief overview (finer details of the project supplied on shortlisted selection of interested parties), the project entails the complete initial research, setup and undertaking of a series of commercial vehicle, steering wheel, sudden deflation tests, considering all parameters thereof. Simulation, sensory system and mechatronics integration will be required.

The research, design and development or consideration of possible improvement of a counter-loss-of-control system may be developed, which could be tested in these arranged commercial vehicle accident reconstruction tests.

Numerous sensory systems, and equipment are to be installed into the vehicle, to measure and report on different variables, these recordings will be needed to be analysed for publications.

The proposed project is suited to a diligent, disciplined, dedicated student that will ensure the project is seen through to completion and that has a keen interest in avenues of automotive research, safety and related issues. The applicant/s preferably from the Mech. Eng., Electronic Eng. Or Mechatronics Eng. disciplines.

The candidate will be required to register for postgraduate studies at the University of KwaZulu-Natal, under the supervision of Prof. Riaan Stopforth. This is a collaborative initiative by Accident Specialist and numerous companies and sponsors. The bursary funds will be identified, agreed upon and released as progress happens, by prior arrangement. Meetings and consultations will be required by the successful candidate with supervisors at UKZN and/or Accident Specialist. A driver's licence and students own transportation is a mandatory requirement.

Further terms and conditions with expectations will be discussed in detail with successfully short-listed candidates.

Please submit your interest in writing, as no more than a one-page brief expression of interest, along with your CV or résumé via email, to: Admin101@accidentspecialist.co.za

If you have not received further correspondence by the 10th January 2022, please consider your application unsuccessful.