Urban Environments Monitoring:

1) Smart Parking: Parking is always in short supply around a university. Design and implement a system which will monitor a selection of parking locations. This could, possibly, be by sensors or by a webcam and some image processing. The application keeps track of open parking spots. When a car (with a driver with a smart phone) enters the area, the software will direct the driver to the nearest open parking spot

Note: *The CSIR offers bursaries, studentships for students to further their studies at Masters and PhD levels of study. Students who qualify for the Masters and PhD Studentships programme earn a wage while conducting research at the CSIR Pretoria offices.* *Contact Person: Dr Dalton Lunga (dlunga@csir.co.za)*