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## University of Pretoria: Mining Industry Study Centre

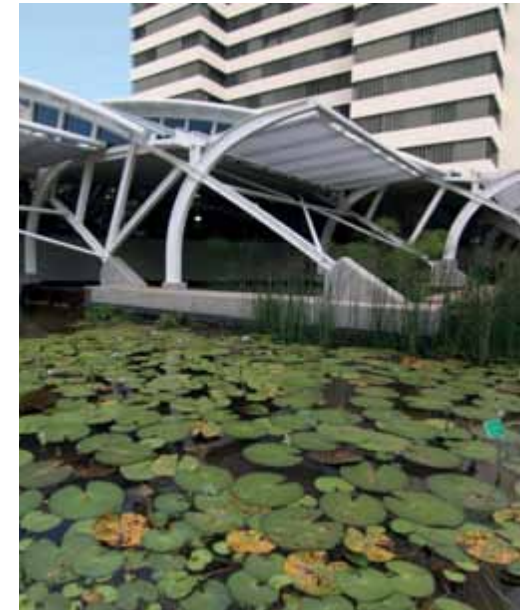
Lynnwood Road, Hatfield Campus West, Pretoria



The University of Pretoria had identified the need to improve graduate study outcomes on all levels. Due to the logistics of balancing travel time, demands on timetables and remote accommodation, the need for an on-campus study and information centre had come to the fore. It had become common for students to spend 12 hours a day on campus.

Centrally located in the engineering precinct lay the barren and defunct square, ideally situated to build the study centre. As the structure could not be demolished and wasn't structurally adequate to support the envisaged development, the new structure needed to span the existing space and the new build needed to be effectively suspended from such.

From an environmental and sustainability perspective the concept worked well, and an existing problem was turned into an opportunity as the storm water run-off was re-engineered into a wetland. The wide louvred roof overhangs work as shading devices and counter a particularly nasty orientation. The form will be echoed with the placement of two *Acacia abyssinica* on either side of the entrance.



**Developer** University of Pretoria: Facilities Management **Architects** ARC Architects Pretoria (Pty) Ltd **Project managers** ARC Architects Pretoria (Pty) Ltd **Quantity surveyors** Pentad **Civil and structural engineers** Aurecon **Mechanical engineers** Spoomaker and Partners **Other consultants** Delport Du Preez & Associates **Principal contractors** Robenco Construction **Electrical engineers** CA du Toit **Fire consultants** Chimera Fire Protection