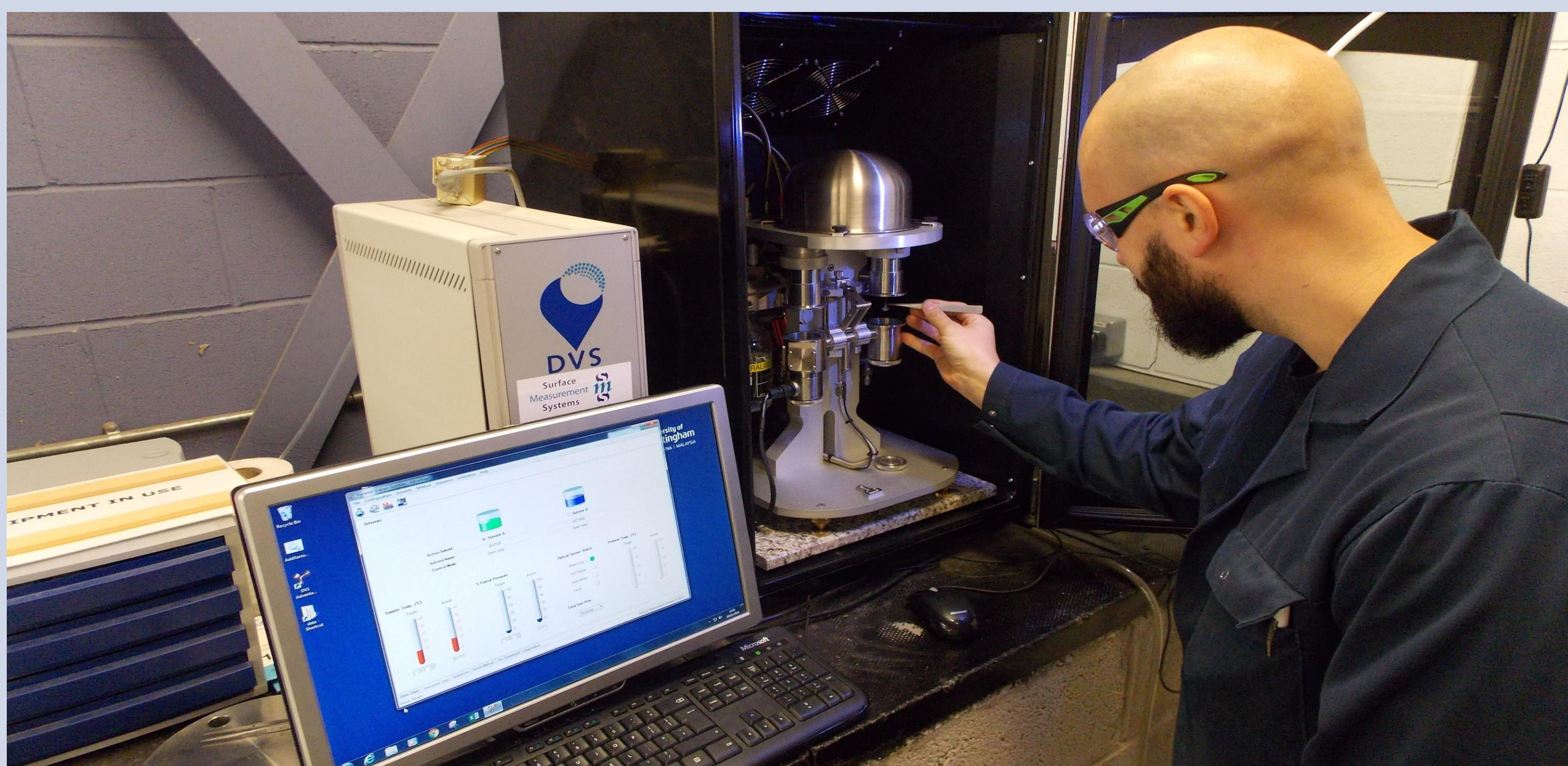




University of
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NOTTINGHAM TRANSPORTATION ENGINEERING CENTRE (NTEC) Faculty of Engineering Supporting Teaching and Research

NTEC's state-of-the-art laboratories are used in undergraduate teaching and as an important device for our internationally leading research

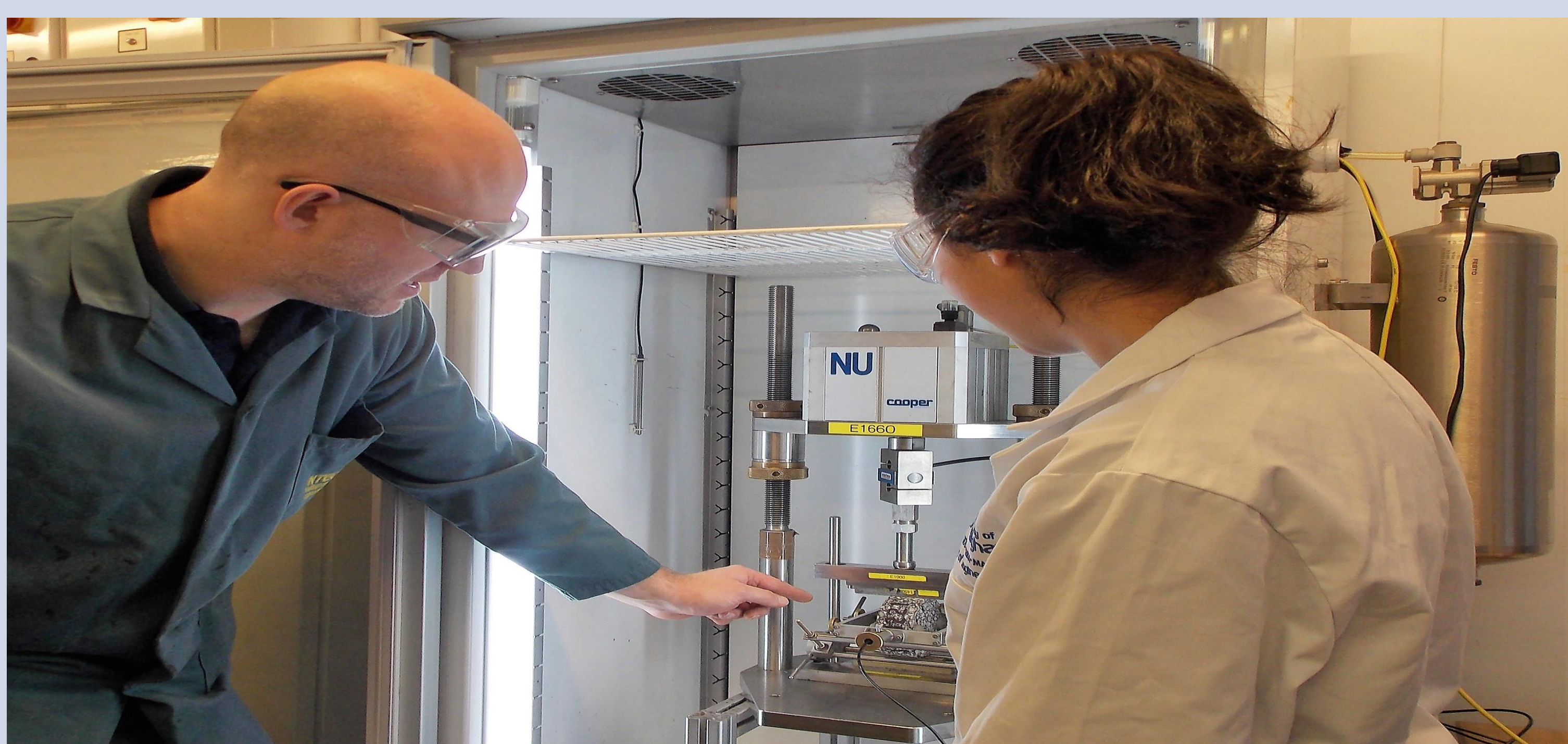
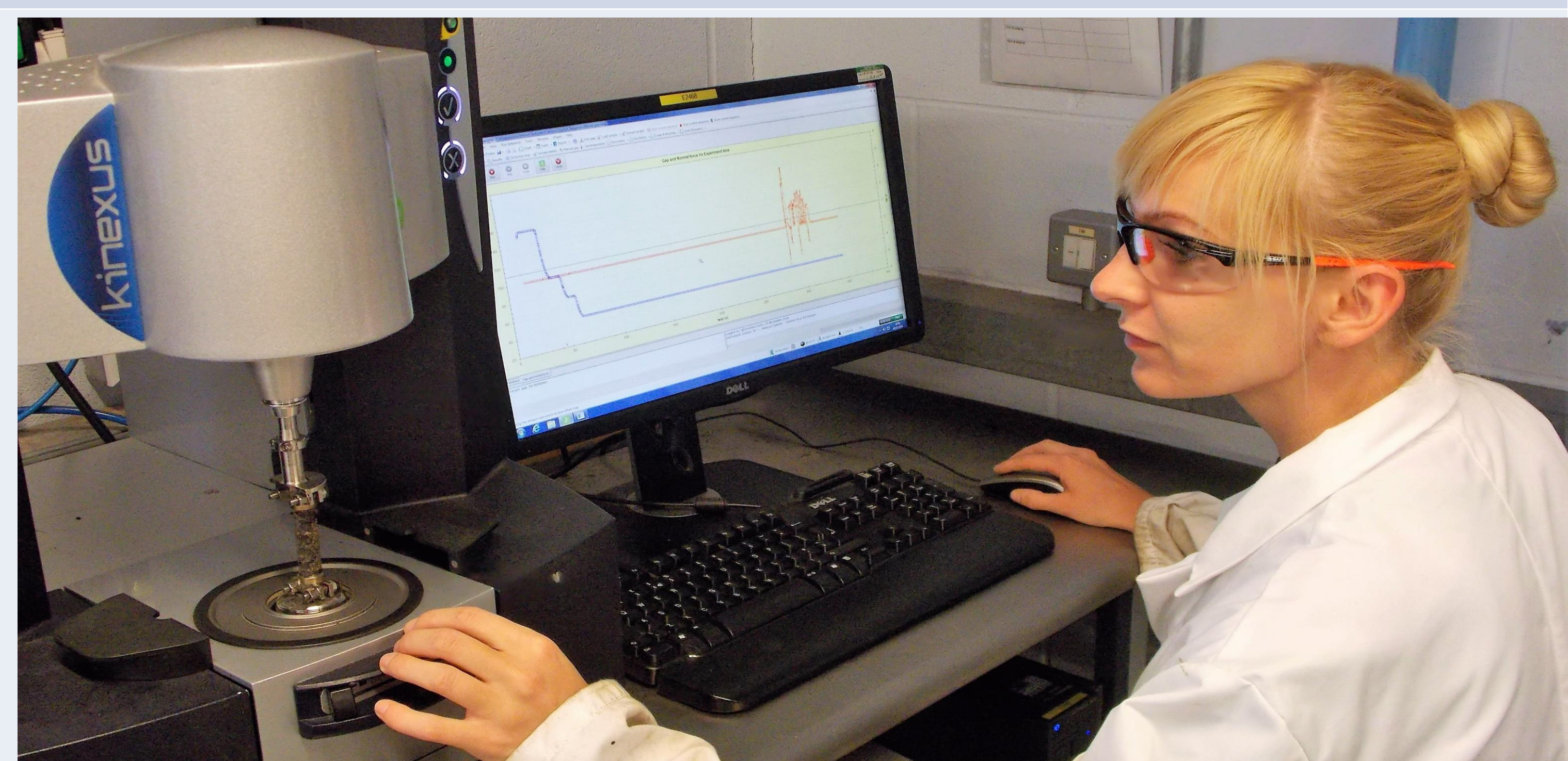


Dynamic Vapour Sorption (DVS) –

DVS is a technique that measures how quickly and how much of a solvent is absorbed by a sample. This equipment is used to support research not only within NTEC but also across the University of Nottingham

Dynamic Shear Rheometer (DSR) –

DSR is a system that applies controlled shear deformation to a sample, to enable measurement of dynamic material properties (such as viscoelastic modulus and phase angle from oscillation tests). The equipment is used to support teaching and research.



Nottingham Asphalt Tester (NAT) –

Originally designed by technical staff to support research at NTEC, the machine is now commercially available for routine testing of asphalt stiffness and fatigue resistance. The machines are used to support undergraduate teaching.

