



Case Study: NCSR Building, DCU.

There's a Sense of learning in the Lab!!!!!!



As part of their ongoing development Dublin City University (DCU) have developed a world class facility with the completion of the National Centre for Sensor Research (NCSR) at their campus in Glasnevin. With over 180 researchers working together on dozens of different sensor projects, the researchers come from a variety of scientific backgrounds. Sensor research needs input from experts in physics, chemistry and biology, as well as from engineers.

Matrix was involved in all aspects of the electrical project element, including General Services, Lighting, Emergency Lighting, Fire Alarm, Access Control & Security Systems. The sub-mains installation includes a Main Distribution Board feeding the building feeding out to local secure sub-distribution boards on the floors. The Fire Alarm system comprises of a Gent Analogue Addressable System. Additionally as part of the project the ESB Sub Station cabling was upgraded to integrate correctly with the campus electrical supply. An Induction Loop system was also installed by Matrix in a number of the meeting rooms. The building was also fitted with a lightning protection system installed by Rainey's.



The laboratory fitouts comprised of high specification Air Conditioning with exhausts which needed extremely detailed electrical wiring along with laboratory spec Compartment bench trunking installed, specialist lighting and fire alarm alterations.

