

## NUIG Arts Millenium Building

### Description

The project consisted of the construction of a new extension to the existing Arts Millennium Building (AMB). The project provided approximately 3,000m<sup>2</sup> of new state of the art teaching and research facilities over two/three floors comprising of flat lecture theatres, classrooms, post graduate rooms, PC suite, conference room, research labs with farady cage protection, 2 No. full anechoic chambers, observation rooms, administration/office spaces, circulation and breakout spaces and associated plant space. The works also consisted of the construction of a new roof top extension to the existing building to provide additional office accommodation including relocation of existing items of plant and interface works with the existing circulation spaces and computer suites at both ground and first floor level. The project also included additional ancillary works. The building structure was a reinforced concrete frame with flat slab on piled foundations. Air Tightness Test Results achieved of 4.9cu.m/ m<sup>2</sup>/hr.

The project was carried out within a live third level educational campus environment. Access to the site was via a shared construction access route from Newcastle Road for the new extension to the James Hardiman Library which was under construction at the same time.

### Restricted Access

- Access control system used to restrict access to areas outlined by Client.
- Door Intercom system at main entrance.

### Live Services to be maintained

- Gas, water and power to existing building had be kept live during the construction of the new building. This also involved modifications to the existing boiler house prior to construction the new extension and removal of existing oil boiler and tank and replacing with natural gas boiler & natural gas line.

### Fit out works including Mechanical & Electrical works

- Complete Mechanical & Electrical fit out including 3stop Lift installation and wiring of client furniture, wiring of Client supplied WiFi data equipment. Complete supply, installation and commissioning of sanitary ware installation.



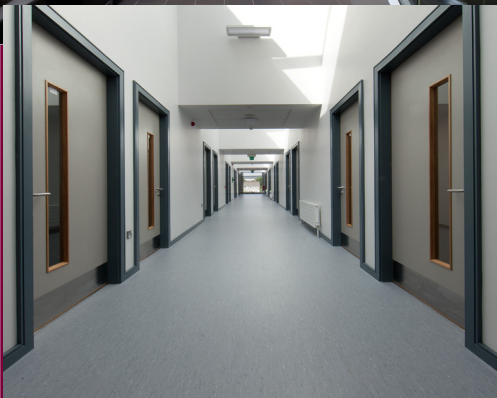
**Client Name :**  
National University of Ireland

**Architect:**  
Reddy Architecture

**Quantity Surveyor:**  
Davis Langdon

**Duration:**  
January 2012 - April 2013

**Contract Value:**  
5.7m



JJ Rhatigan & Company Project Overview