HISTORIC BUILDINGS & RUINS

Patrick Lynam
Hore Abbey

Ruined Cistercian monastery near the Rock of Cashel, Co Tipperary. Circa 1272.
Church of Ireland, Ballylanders, Co Limerick

Originally build as a tower house for the Earls of Kingston. The building of the castle ended due to costs and a wing was added to the redundant tower and a church nave with tower entrance was created. The church has some unusual architectural features including crests of the Earls of Kingston.
The Plaque reads in Irish and English:

Glory to God in the Highest and On Earth Peace and Good Will to All Men
Kilcrea Friary, Ovens, Co Cork. Founded in 1465 for the Observant Franciscans.
Oughval Church, Stradbally, Co Laois.

Built on the site of a sixth century monastery founded by St Colman mac Ua Laoighse of which there is nothing remaining today.
William Callaghan Died April 6th, 1833.

 Vaulted Ceiling ceiling of the chancel.

 O Lord, have Mercy on the soul of William Callaghan, who died April 6, 1833, Aged 56 years. Also his son James, who died December 24, 1822, Aged 73 years.
On the 10th October Orla Peach Power gave a lecture on digitising artefacts. It was a very insightful introduction to the process and on her work. This lead to my own research with the intent of further developing the idea and to integrate this model into my own studies in the field of 3D models.

https://sketchfab.com/models
Photogrammetry is the process creating a 3D model of an artefact.

Images need to her taken with a minimum 60% overlap using a wide dept of field.
Agisoft PhotoScan is a stand-alone software product that performs photogrammetric processing of digital images and generates 3D spatial data.

Agisoft has been used by artists and museums to create a digital archive. This data will enable students and researchers in their academic fields.
Sketchfab

In order to embed the 3D models a platform is necessary. It is important that this platform is compatible with every browser. Sketchfab allows their player to be embedded anywhere on the web and can easily be shared on Facebook and Twitter.
Equipment used
Ballyoughtra Church, Castlemartyr was built in 1549, only to be destroyed in the Cromwellian wars of 1641/42.
For my theses I will endeavour to create a 3D Model of the Tomb and the stone which is loosely positioned in the wall.
Tarquin Blake has produced many books on abandoned buildings and church ruins. I found these a great source of information and reference.

I would love to produce a book showing the uniqueness and character of these abandoned buildings and produce an online collection of 3D models taken from the various sites to coincide with the book.
THANK YOU FOR WATCHING THIS PRESENTATION