



CitA
Construction IT Alliance



Connecting YOU to Innovation

CitA Regional Event 2020 Midlands BIM Hub

- Wednesday 11th November, 12.30 – 2 pm
- Chair: Finola Deavy - Lecturer/ Architect AIT
- fdeavy@ait.ie



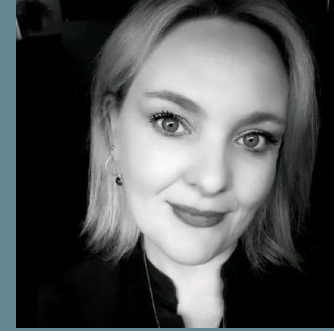
Finola Deavy



Dan Deery



Alice Kavanagh



Bríd Mullane

Speakers

12.30 - 12.40 Finola Deavy, Lecturer
Athlone IT

12.40 – 13.00 Dan Deery, Managing Director

13.00 – 13.20 Alice Kavanagh, Quality Control Lead
BAM

13.20 – 13.40 Bríd Mullane, CDE Administrative
Manager Conack

13.40 – 14.00 Q & A - Closing address

Presentation Titles

Opening Address and Athlone IT Updates

AR/VR developments within Construction

Using the i3PT system for BCAR compliance on site

CDE - implementation of project management tool for
better collaboration



Strategic Plan 2019-2023

- Celebrating 50th Anniversary
- New STEM and Research Buildings
- Proposed Campus Masterplan to align with our Strategic Vision

AIT
Campus





AIT state of the Art Facilities Include -

- Robotics lab
- Dedicated AR/VR labs for teaching and research
- 3D printing & Materials Research labs
- Digital Construction & Animation computer labs

Engineering
Building





A New Technical University September 2021

The new Technological University aims to :

- Develop a contemporary and vibrant campus,
- 6 Campuses, 250 + Global Partners, 15,000 Combined Students

Technical
University
2021

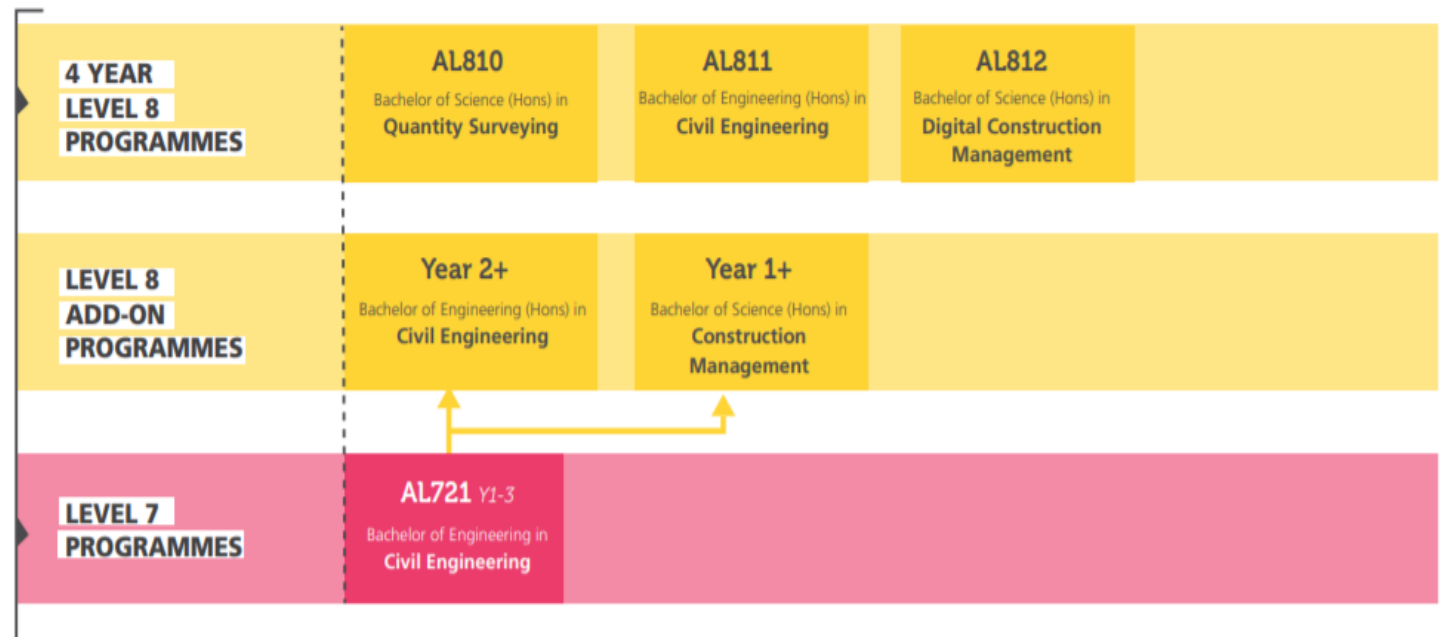
AIT-LIT
Consortium





BSc. in Digital Construction Management (New September 2021)

- Focus on Data visualisation and BIM Management



Faculty of
Engineering &
Informatics



BSc. Quantity Surveying – 4 year, level 8

- Core learning in BIM and M&E costing
- 6 month work placement in third year
- Digital badge from the British Research Establishment (BRE) in BIM Management in final year
- Currently seeking professional accreditation through the Society of Chartered Surveyors of Ireland (SCIS).

Faculty of
Engineering &
Informatics



B.Eng. Civil Engineering – 4 year Level 8

As a graduate of this Bachelor of Engineering (Hons) in Civil Engineering (Level 8), you are eligible to apply to Engineers Ireland to use the registered professional title of Chartered Engineer.

Faculty of
Engineering &
Informatics

Progression pathway



- Work placement component included in each pathway
- BIM Collaboration project in final year between QS and construction management students



Human Capital Initiative Pillar 3 –Innovation & Agility

On October 5th, a consortium consisting of

- Limerick IT,
- Athlone IT,
- Tipperary Energy Agency (TEA)
- Irish green Building Council (IGBC)

were awarded approx. € 7.5m by the HEA to develop, over a 5 year period, a

**Digital Academy for a Sustainable Built
Environment (D.A.S.B.E.)**

D.A.S.B.E



Digital Academy for a Sustainable Built Environment (D.A.S.B.E.)

Aim to enable the construction industry, SMEs, manufacturers and workers to upskill in areas such as:

- AR/VR/ for training in e.g. conservation, air-tightness testing, ventilation, insulation,
- Green construction
- Low energy building
- Retro-fitting & Conservation
- The circular economy
- nZEB



D.A.S.B.E.



5 Year Strategy

- By 2023, aim to host 20 On-line and Blended Learning programmes in relevant fields that will grow to over 40 programmes, engaging a minimum of 2,000 learners, by 2025
- Expand the DASBE Consortium to include a minimum of 5 Enterprises and 5 IoTs by 2024, thus ensuring sustainability of the initiative.
- Access to 10 Virtual Buildings, with Live Data sets available to DASBE participants as part of learning programmes

D.A.S.B.E.



Aim of D.A.S.B.E.

Focus will be on -

- Collaboration & Knowledge exchange between each partner Institute.
- Creating a digital platform enabling access to Micro Credentials, (digital badges) from level 6 through to level 9
- Connecting R&D with Education and Training,
- Connecting Industry demand with Local & Regional Provision,

Headed by Mr. Seamus Hoyne (LIT development and public engagement manager) who recently received an award for ***Outstanding Contribution to Sustainable Energy*** at the recent SEAI 2020 awards.



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